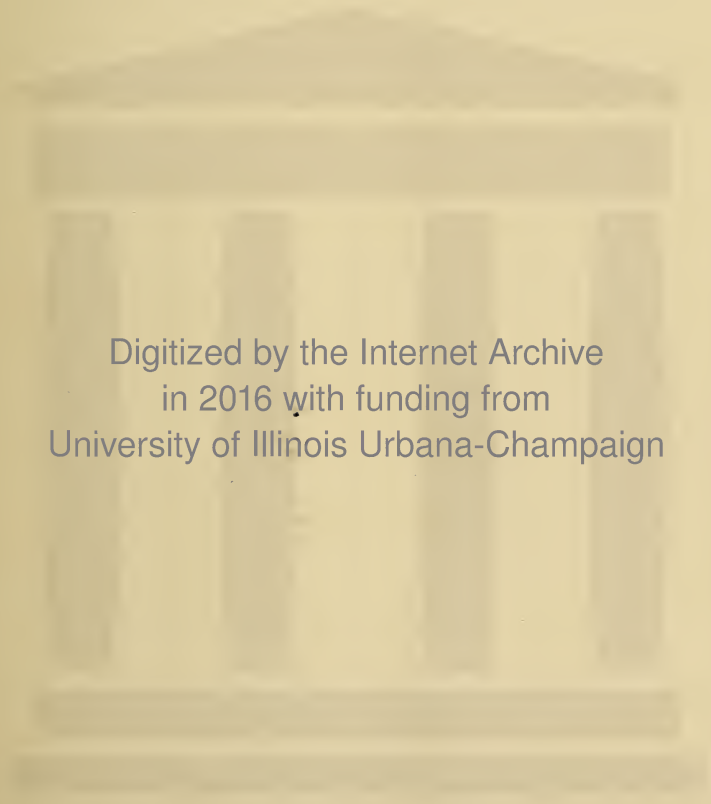




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AGRICULTURAL STATISTICS.

Vol. III.

JANUARY, 1918.

NO. 1.



ARDMORE—GRAND CHAMPION HEREFORD BULL AT THE CHICAGO INTERNATIONAL LIVE STOCK EXPOSITION OF 1917. ARDMORE IS A SUPER-SHOW BULL AND WAS CONSIDERED AS BEING ONE OF THE FINEST BEEF BULLS EVER SEEN AT THE INTERNATIONAL SHOW. HE WAS CALVED OCTOBER 11, 1913. SIRE, BONNIE LAD, 20TH; DAM, LADY ELLEN. EXHIBITED BY W. L. YOST, KANSAS CITY, MO. PHOTOGRAPH BY HILDEBRAND, UNION STOCK YARDS, CHICAGO, ILL.

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The Richest Agricultural Circle.

Being the Subscription Territory of The National Farmer and Stock Grower, Published Monthly at St. Louis, Mo.

St. Louis stands in the center of the richest farm acreage in the United States. In a three-hundred-mile circle around St. Louis there are 1,350,000 farms, averaging 120 acres, and a rural population of 9,000,000 people. The value of the grain productions in this circle ascertained in the census year was placed at six hundred millions of dollars.

The census enumeration of live stock in this territory is 11,400,000 cattle, 18,540,000 hogs, 6,400,000 sheep, 5,255,000 horses, and 1,266,326 mules—a total of 42,861,326 farm animals. There is also a poultry interest, selling surplus products, which they do not hesitate to claim to be equal in value to all grain productions. In vegetable production, and large and small fruits, the same territory is prominent. In farm dairying it is second to none, producing milk, cream, butter and cheese that reach every market in the country.

In this territory, of which St. Louis is the center, the farmer is within a few miles of good markets and he has at last come into his own. Formerly the farmer sold many of his products at less than cost of production and city people fattened upon his labors. To-day the farmer is approaching an affluent condition and the so-called professional consumers have to study economy.

The most influential farm publication circulating in the territory named is THE NATIONAL FARMER AND STOCK GROWER, issued monthly at St. Louis, Mo. There are other good papers, but THE NATIONAL FARMER AND STOCK GROWER is by far the best. As an advertising medium it reaches substantial farming establishments, and it is read with equal satisfaction by the farmer, the farmer's wife, his sons, his daughters, and his male and female employes. All advertising is restricted to such as the publishers can guarantee to be reliable.

AGRICULTURAL STATISTICS

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Nothing can be lost in AGRICULTURAL STATISTICS, because all important items are indexed.

LIMITATIONS OF PUBLICATION.

AGRICULTURAL STATISTICS is a record of the past, not of the future. AGRICULTURAL STATISTICS is a statement of things recorded and not of finished conditions. In the short life of AGRICULTURAL STATISTICS we have cleared away many obscurities from tabulations. We have also compiled facts in a way to make them easily understood. On page 33 commences a record of live stock and crops which we have to take from records. These facts are due in the January edition, but we received them on January 26th, hence the delay. Totals of live stock in states usually received in January were received in February, hence another delay, and state totals were not received on actual date of publication. January is the month in which we expect to clean up the previous year, but this year the clean-up cannot be accomplished even in February.

We solicit regular subscriptions for AGRICULTURAL STATISTICS and intend it to be a first-class, useful publication at a fair price.

LIVE STOCK INCREASE.

Although the wheat crop was disappointing in 1917 the responsibility rested with unfavorable conditions. Live stock production is dependent upon conditions, but the actual results are more nearly in the hands of farmers, so far as feed crops are concerned. Farmers made an all-round increase in live stock. The increase in 1917 over the previous year amounted to 516,000 dairy cows, 2,697,000 other cattle, 3,921,000 hogs, 417,000 sheep, 437,000 horses and 185,000 mules. This is

a remarkably favorable showing when we consider the immense marketing and export of all classes of stock during the war period.

Percentage is a grand humbug when it is mistaken for quantity. The state growing the most wheat made no gain in acreage. One state producing an insignificant quantity of wheat increased 200 per cent.

POOR COMPARISONS.

When we compare the live stock productions of Texas with those of Rhode Island the little state is at a disadvantage. When we consider the total of Iowa farm productions with those of Arizona we have to take into consideration the differences of soil and climate. This indicates that we are in need of a true unit of comparison. We cannot very well cut Texas up into eighty states the size of Rhode Island, but we can find some way of reminding ourselves of the differences. The table on page 4 is a good basis for references in this connection.

The increased rye planting amounting to 1,639,000 acres is a bright future in American acreage.

DELAYED IN PUBLICATION.

This edition of AGRICULTURAL STATISTICS is dated January, but it is published in February. The reason is the new statistics of any value were not available until February.

A LONGING FOR THE CENSUS.

As we approach the census year we feel that AGRICULTURAL STATISTICS has not lived thus far in vain. When we can compare farm productions of 1899, 1909 and 1919 we will have a triple basis on which to hang the later agricultural estimates.

The most useful farm paper in the United States is The National Farmer and Stock Grower of St. Louis, Mo. Philip H. Hale, Editor.

We are not trying to see how many statistical tables we can crowd into AGRICULTURAL STATISTICS, but how many useless tables we can keep out.

British agriculture brought 1,200,000 more acres under the plow in 1917 and will again increase 1,000,000 acres in 1918.

If the increased planting in rye was equaled by other grains there would be no shortage in farm crops.

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The Hay Crop, 1915 and 1916.

State.	1915.		1916.	
	Tame Hay, Tons.	Wild Hay, Tons.	Tame Hay, Tons.	Wild Hay, Tons.
ALA.	362,000	34,000	358,000	42,000
ARIZ.	470,000	10,000	627,000	14,000
ARK.	560,000	127,000	469,000	92,000
CAL.	4,520,000	280,000	4,375,000	240,000
COL.	2,134,000	515,000	1,988,000	423,000
CONN.	493,000	12,000	574,000	15,000
DEL.	84,000	12,000	116,000	13,000
FLA.	61,000	12,000	70,000	10,000
GA.	345,000	17,000	375,000	18,000
IDA.	1,828,000	157,000	1,812,000	134,000
ILL.	3,696,000	124,000	4,495,000	156,000
IND.	3,030,000	78,000	3,312,000	91,000
IA.	5,776,000	1,116,000	5,796,000	845,000
KAS.	4,062,000	2,240,000	2,604,000	1,650,000
KY.	1,225,000	6,000	1,415,000	6,000
LA.	438,000	35,000	429,000	42,000
ME.	1,397,000	23,000	1,740,000	27,000
MD.	468,000	4,000	688,000	6,000
MASS.	705,000	25,000	749,000	24,000
MICH.	3,458,000	39,000	4,372,000	51,000
MIN.	3,209,000	2,565,000	3,496,000	2,888,000
MISS.	350,000	50,000	371,000	52,000
MO.	4,636,000	150,000	4,355,000	154,000
MON.	1,550,000	704,000	1,402,000	581,000
NEB.	4,290,000	3,480,000	4,070,000	3,130,000
NEV.	675,000	225,000	540,000	171,000
N. H.	504,000	17,000	767,000	23,000
N. J.	3,650,000	34,000	585,000	45,000
N. M.	442,000	25,000	370,000	13,000
N. Y.	5,850,000	58,000	7,290,000	104,000
N. C.	648,000	60,000	507,000	44,000
N. D.	660,000	2,500,000	884,000	2,670,000
OHIO	4,049,000	3,000	4,867,000	3,000
OKL.	1,058,000	791,000	825,000	645,000
ORE.	1,870,000	268,000	1,955,000	220,000
PA.	4,340,000	14,000	5,208,000	23,000
R. I.	71,000	1,000	81,000	1,000
S. C.	286,000	14,000	325,000	15,000
S. D.	1,220,000	4,340,000	1,387,000	3,900,000
TEN.	1,396,000	32,000	1,449,000	38,000
TEX.	765,000	343,000	576,000	262,000
UTAH.	985,000	110,000	845,000	102,000
VT.	1,310,000	14,000	1,666,000	18,000
VA.	945,000	9,000	1,066,000	9,000
WAS.	1,688,000	32,000	2,006,000	42,000
W. VA.	1,095,000	7,000	1,270,000	7,000
WIS.	4,508,000	420,000	4,420,000	481,000
WYO.	1,210,000	299,000	1,044,000	255,000

Total 85,225,000 21,491,000 89,991,000 19,795,000

Wheat Supply and Consumption.

The following tabulation was prepared in the United States Department of Agriculture to show the per capita production of wheat.

Year.	Production, Bushels....	Export, Bushels....	Consumption, Bushels....	Carried Over, Bushels....
1900.....	6.87	2.34	....	1.16
1901.....	9.64	3.62	6.85	1.24
1902.....	8.46	2.56	6.18	.96
1903.....	7.89	1.49	6.53	.86
1904.....	6.70	.53	6.35	.68
1905.....	8.24	1.16	6.58	1.18
1906.....	8.58	1.71	6.50	1.55
1907.....	7.26	1.87	6.17	.77
1908.....	7.47	1.28	6.48	.48
1909.....	8.14	.96	6.74	.92
1910.....	6.89	.75	6.08	.98
1911.....	6.62	.85	5.93	.82
1912.....	7.65	1.50	6.03	.94
1913.....	7.87	1.50	6.53	.78
1914.....	9.03	2.37	5.89	.65
1915.....	10.09	2.50	6.55	1.59
1916.....	6.00	....	....	....

In the year 1850 Dr. John Gorrie, the original inventor of the artificial production of ice, patented his ice-making machine.

THE UNITED STATES.

Number of Farms, Average Size and Farm Population.

These figures are from the United States Census, the latest available that can be relied upon, since then the only change of importance has been the increase of about ten per cent. in population and probably in farms.

State.	No. of Farms in State.	Rural Population, 1910.	Average.
ALA..	262,901	78.9	1,767,662
ARIZ..	9,227	135.1	141,004
ARK..	214,678	81.1	1,371,763
CALIF..	88,791	316.7	907,810
COLO..	46,170	293.1	394,184
CONN..	26,815	81.5	114,917
DEL...	10,836	95.9	105,237
D. C..	217	27.9	1,000
FLA...	50,016	105.6	533,539
GA....	291,027	92.6	2,070,471
IDAHO..	30,807	171.5	255,696
ILL...	251,872	129.1	2,161,662
IND...	215,485	98.8	1,557,041
IOWA..	217,044	156.3	1,544,717
KAS...	177,841	244.0	1,107,159
KY...	259,185	85.6	1,734,463
LA...	120,516	86.6	1,159,872
MAINE..	60,016	104.9	360,923
MD...	48,923	103.4	637,154
MASS..	36,917	77.9	241,049
MICH..	206,960	91.5	1,483,129
MINN..	156,137	177.3	1,225,414
MISS..	274,382	67.6	1,589,803
MO...	277,244	124.8	1,894,518
MONT..	26,214	516.7	242,633
NEB...	129,678	297.8	881,362
NEV...	2,689	1,009.6	68,508
N. H...	27,053	120.1	175,473
N. J...	33,487	76.9	629,957
N. M...	35,676	315.9	280,730
N. Y...	215,597	102.2	1,928,120
N. C...	253,725	88.4	1,887,813
N. D...	74,360	382.3	513,820
OHIO..	272,045	88.6	2,101,978
OKLA..	190,192	151.7	1,337,000
OREGON	45,502	256.8	365,705
PENN..	219,295	84.8	3,034,444
R. I...	5,292	83.8	17,956
S. C...	176,434	76.6	1,290,568
S. D...	77,644	335.1	507,215
TENN..	246,012	81.5	1,743,744
TEXAS..	417,770	269.1	2,958,438
UTAH..	21,676	156.7	200,417
VT...	32,709	142.6	187,013
VA...	184,018	105.9	1,585,083
WASH..	56,192	208.4	536,460
W. VA..	96,685	103.7	992,877
WIS...	177,127	119.0	1,329,540
WYO...	10,987	717	102,744

Total.. 6,361,502 49,348,883

Add.. 636,150 4,934,888

Total. 6,997,652 54,283,771

Development of Agriculture.

The following tabulated statement is for the purpose of placing before us in a simple manner the United States government estimate of values on the farm of the crops and live stock produced in the United States from 1879 to 1917. It also estimates the proportionate value of the crops and the value of live stock:

Year.	Total Value.	Value Per Cent. Crops.	Stock.
1879...	2,212,541,000	63.1	36.9
1889...	2,460,107,000	63.5	36.5
1897...	3,960,822,000	63.6	36.4
1898...	4,338,946,000	63.6	36.4
1899...	4,717,070,000	63.6	36.4
1900...	5,009,595,000	63.7	36.3
1901...	5,302,120,000	63.8	36.2
1902...	5,594,645,000	64.0	36.0
1903...	5,887,170,000	64.1	35.0
1904...	6,121,778,000	65.0	35.0
1905...	6,273,997,000	64.0	36.0
1906...	6,754,210,000	63.0	37.0
1907...	7,487,989,000	63.6	36.4
1908...	7,890,626,000	64.6	35.4
1909...	8,498,311,000	64.6	35.4
1910...	9,037,391,000	60.7	39.3
1911...	8,819,175,000	63.1	36.9
1912...	9,342,700,000	62.5	37.5
1913...	9,849,513,000	62.3	37.7
1914...	9,894,961,000	61.8	38.2
1915...	10,775,490,000	64.1	35.9
1916...	13,406,364,011	67.5	32.5
1917...	19,443,849,381	70.9	30.0

We solicit subscriptions to AGRICULTURAL STATISTICS. It is a quarterly publication. The subscription price is 50 cents a year. The last number is always the best.

Farms in the United States.

According to the last census the following is a brief summary of the number and size of all the farms in the United States. The average size is 138.1 acres, of which an average of 75.2 acres are improved and 62.9 acres are unimproved:

Number.	Extent.
18,033.....	Under 3 acres.
317,010.....	3 to 9 acres.
504,123.....	10 to 19 acres.
1,414,376.....	20 to 49 acres.
1,438,069.....	50 to 99 acres.
1,516,286.....	100 to 174 acres.
534,191.....	175 to 259 acres.
443,984.....	260 to 499 acres.
125,295.....	500 to 999 acres.
50,135.....	1,000 acres and over.

6,361,502 Farms in U. S., 1910.

It was The National Farmer and Stock Grower, published monthly at St. Louis, Mo., that started the agitation against the high rate of interest on farm loans.

CROP SUMMARY OF U. S.

Statement of Acreage and Yield of
Principal Crops For Four Years
and a Five-Year Average.

This is simply a brief tabulation
which is comprehensive. It gives
the U. S. totals, and the state tables
on different pages will be found the
crops of the different states.

THE CORN CROP.

Year.	Acre.	Acres.	Production, Bushels.
1910.	104,035,000	27.7	2,886,260,000
1911.	105,825,000	23.9	2,531,488,000
1912.	107,083,000	29.2	3,124,746,000
1913.	105,820,000	23.1	2,446,988,000
1914.	103,435,000	25.8	2,672,894,000
1915.	108,321,000	28.2	3,054,535,000
1916.	105,954,000	24.4	2,583,241,000
1917.	119,755,000	26.4	3,159,494,000

THE WINTER WHEAT CROP.

1914.	36,008,000	19.0	684,999,000
1915.	40,453,000	16.2	655,045,000
1916.	34,829,000	13.8	481,744,000
1917.	27,430,000	15.2	418,070,000

THE SPRING WHEAT CROP.

1914.	17,533,000	11.8	206,027,000
1915.	19,445,000	18.3	356,460,000
1916.	17,956,000	8.8	158,142,000
1917.	18,511,000	12.6	232,758,000

TOTAL WHEAT CROP.

1910.	45,681,000	13.9	635,121,000
1911.	49,543,000	12.5	621,338,000
1912.	45,814,000	15.9	730,267,000
1913.	50,184,000	15.2	763,380,000
1914.	53,541,000	16.6	891,017,000
1915.	59,898,000	16.9	1,011,505,000
1916.	52,785,000	12.1	639,886,000
1917.	45,941,000	14.2	650,828,000

THE OATS CROP.

1910.	37,548,000	31.6	1,186,341,000
1911.	37,763,000	24.2	922,298,000
1912.	37,917,000	37.4	1,418,337,000
1913.	38,399,000	29.2	1,121,768,000
1914.	38,442,000	29.7	1,141,060,000
1915.	40,780,000	37.8	1,540,362,000
1916.	51,539,000	30.1	1,251,992,000
1917.	43,572,000	36.4	1,587,000,000

THE BARLEY CROP.

1910.	7,743,000	22.5	173,832,000
1911.	7,627,000	21.0	160,240,000
1912.	7,530,000	29.7	223,824,000
1913.	7,490,000	23.8	178,189,000
1914.	7,565,000	25.8	194,953,000
1915.	7,395,000	32.0	237,000,000
1916.	7,674,000	23.6	150,927,000
1917.	8,835,000	23.7	208,975,000

THE RYE CROP.

1910.	2,185,000	16.0	34,897,000
1911.	2,127,000	15.6	33,119,000
1912.	2,117,000	16.8	35,664,000
1913.	2,557,000	16.2	41,381,000
1914.	2,541,000	16.8	42,779,000
1915.	2,856,000	17.2	49,190,000
1916.	3,096,000	15.3	47,383,000
1917.	4,102,000	14.7	60,145,000

THE BUCKWHEAT CROP.

1910.	860,000	20.5	17,598,000
1911.	833,000	21.1	17,549,000
1912.	841,000	22.9	19,249,000
1913.	805,000	17.2	13,833,000
1914.	792,000	21.3	16,881,000
1915.	806,000	19.6	15,769,000
1916.	845,000	14.0	11,840,000
1917.	1,006,000	17.4	17,460,000

THE FLAXSEED CROP.

1910.	2,467,000	5.2	12,718,000
1911.	2,757,000	7.0	19,370,000
1912.	2,851,000	9.8	28,073,000
1913.	2,291,000	7.8	17,853,000
1914.	1,645,000	8.4	13,749,000
1915.	1,367,000	10.1	13,845,000
1916.	1,605,000	9.6	15,459,000
1917.	1,809,000	4.7	8,473,000

THE RICE CROP.

1910.	733,000	33.9	24,510,000
1911.	696,000	32.9	22,934,000
1912.	723,000	34.7	25,054,000
1913.	827,000	31.1	24,744,000
1914.	694,000	34.1	23,649,000
1915.	803,000	36.1	28,947,000
1916.	878,000	47.8	41,982,000
1917.	964,100	37.6	36,278,000

THE WHITE POTATO CROP.

1910.	3,720,000	93.8	349,032,000
1911.	3,619,000	80.9	292,737,000
1912.	3,711,000	113.4	420,647,000
1913.	3,668,000	90.4	331,525,000
1914.	3,711,000	110.5	409,921,000
1915.	3,761,000	95.5	359,103,000
1916.	3,580,000	80.4	285,437,000
1917.	4,390,000	100.8	442,536,000

THE SWEET POTATO CROP.

1910.	641,000	93.5	59,938,000
1911.	605,000	90.1	54,538,000
1912.	583,000	95.2	55,479,000
1913.	625,000	94.5	59,057,000
1914.	603,000	93.8	56,574,000
1915.	719,000	103.3	74,395,000
1916.	774,000	91.7	70,955,000
1917.	953,000	91.4	87,141,000

TAME HAY CROP—TONS.

1914.	49,145,000	1.43	70,071,000
1915.	50,872,000	1.68	85,325,000
1916.	54,965,000	1.64	89,991,000
1917.	53,516,000	1.49	79,528,000

WILD HAY CROP—TONS.

1915.	16,796,000	1.27	21,343,000
1916.	16,637,000	1.19	19,795,000
1917.	16,472,000	.94	15,402,000

THE TOBACCO CROP—POUNDS.

1910.	1,336,000	807	1,103,415,000
1911.	1,013,000	893	905,109,000
1912.	1,226,000	785	962,885,000
1913.	1,216,000	784	953,734,000
1914.	1,224,000	845	1,034,679,000
1915.	1,368,000	775	1,060,587,000
1916.	1,411,800	815	1,150,622,000
1917.	1,446,000	827	1,196,451,000

THE COTTON CROP—BALES.

1910.	33,403,000	170.7	11,609,000
1911.	36,045,000	207.7	15,693,000
1912.	34,283,000	190.9	13,703,000
1913.	37,089,000	182.0	14,116,000
1914.	36,832,000	209.2	16,135,000
1915.	30,957,000	172.5	11,161,000
1916.	35,239,000	156.3	11,511,000
1917.	33,634,000	155.7	10,949,000

THE SUGAR BEET CROP—TONS.

1914.	483,400	11.6	5,585,000
1915.	624,000	10.4	6,462,000
1916.	665,308	9.3	6,228,000
1917.	675,400	9.2	6,237,000

CROP OF EDIBLE BEANS—Bushels.

1915.	928,000	11.1	10,321,000
1916.	1,107,000	9.7	10,715,000
1917.	1,832,000	8.6	15,701,000

CROP OF KAFIRS—BUSHEL.

1915.	4,153,000	27.6	114,460,000
1916.	3,812,000	13.2	50,340,000
1917.	5,153,000	14.7	75,866,000

THE CROP OF ONIONS—BUSHEL.

1915.	27,579	278	7,663,712
1916.	24,559	261	6,417,183
1917.	41,300	328	13,554,000

THE CROP OF CABBAGE—TONS.

1915.	69,420	9.7	670,631
1916.	40,080	6.2	246,988
1917.	66,800	7.5	502,700

THE YIELD OF HOPS—POUNDS.

1915.	44,700	1.187	52,986,000
1916.	43,900	1.152	50,537,000
1917.	29,900	.929	27,788,000

PRODUCTION OF CRANBERRIES—BARRELS.

1915.	23,100	19.1	441,000
1916.	23,600	17.6	415,000
1917.	18,190	13.7	249,009

THE CROP OF APPLES—BUSHEL.

1915.	.....	.....	76,670,000
1916.	.....	.....	67,695,000
1917.	.....	.....	58,203,000

YIELD OF PEACHES—BUSHEL.

1915.	.....	.....	64,097,000
1916.	.....	.....	36,939,000
1917.	.....	.....	45,066,000

THE CROP OF PEARS—BUSHEL.

1915.	.....	.....	11,216,000
1916.	.....	.....	10,377,000
1917.	.....	.....	13,281,000

THE CROP OF ORANGES.

1915.	.....	.....	21,200,000
1916.	.....	.....	23,835,000
1917.	.....	.....	12,832,000

THE CROP OF SORGHUM SYRUP—GALLONS.

1916.	157,000	87.3	13,668,000
1917.	378,000	90.4	34,175,000

CROP OF PEANUTS—BUSHEL.

1916.	1,076,350	32.8	35,325,500
1917.	2,084,000	28.9	60,222,000

The most useful farm paper in the United States is The National Farmer and Stock Grower of St. Louis, Mo. Philip H. Hale, Editor.

State Crop Valuations.

We have here the state quotations of all crops. It also gives a number showing the relative rank of each state. The table is for two years, 1916 and 1917. There is considerable difference one year with another in regard to state valuations. Thus, for instance, Texas was first in 1916 and second in 1917; Illinois was third in 1916 and first in 1917; Missouri was fourteenth in 1916 and fifth in 1917; Kansas was sixth in 1916 and 14th in 1917.

State.	Rank.	1916.		1917.	
		Value of Crops.	Rank.	Value of Crops.	Rank.
ALA.	27	\$ 165,487,000	25	\$ 291,563,000	25
ARIZ.	45	18,626,000	45	27,068,000	45
ARK.	16	248,463,000	20	359,538,000	20
CALIF.	13	267,638,000	10	432,285,000	10
COLO.	30	106,453,000	28	164,890,000	28
CONN.	40	42,911,000	39	57,814,000	39
DEL.	46	17,847,000	44	27,707,000	44
FLA.	37	61,888,000	33	104,771,000	33
GA.	5	358,023,000	6	542,733,000	6
IDA.	36	74,243,000	36	94,890,000	36
ILL.	3	477,263,000	1	842,042,000	1
IND.	9	285,384,000	8	503,154,000	8
IOWA.	2	516,490,000	3	783,488,000	3
KAN.	6	315,678,000	14	399,844,000	14
KY.	19	221,311,000	16	375,710,000	16
LA.	25	186,494,000	24	313,352,000	24
ME.	32	88,938,000	37	71,425,000	37
MD.	34	86,093,000	31	123,879,000	31
MASS.	38	51,853,000	38	69,106,000	38
MICH.	17	237,175,000	21	256,265,000	21
MINN.	12	268,775,000	9	480,230,000	9
MISS.	23	197,852,000	19	359,596,000	19
MO.	14	261,269,000	5	546,036,000	5
MONT.	29	121,055,000	35	103,845,000	35
NEB.	4	389,025,000	7	522,186,000	7
NEV.	47	17,148,000	47	25,655,000	47
N. H.	43	26,714,000	46	25,748,000	46
N. J.	35	79,781,000	34	103,895,000	34
N. M.	44	22,670,000	43	38,470,000	43
N. Y.	8	294,476,000	12	417,798,000	12
N. C.	11	272,076,000	11	417,846,000	11
N. D.	26	169,660,000	27	220,290,000	27
OHIO.	10	284,323,000	4	546,058,000	4
OKLA.	18	236,832,000	23	329,579,000	23
ORE.	31	105,500,000	32	108,632,000	32
PENN.	7	299,408,000	13	412,394,000	13
R. I.	48	5,556,000	48	8,352,000	48
S. C.	22	199,532,000	15	389,887,000	15
S. D.	24	189,257,000	18	366,582,000	18
TENN.	21	213,701,000	26	290,819,000	26
TEXAS.	1	695,365,000	2	788,983,000	2
UTAH.	39	43,436,000	41	49,627,000	41
VT.	41	42,782,000	42	45,950,000	42
VA.	20	215,079,000	22	344,159,000	22
WASH.	28	127,502,000	29	144,422,000	29
W. VA.	33	87,428,000	30	132,281,000	30
WIS.	15	254,599,000	17	367,095,000	17
WYO.	42	36,811,000	40	52,829,000	40
Total.		\$8,985,870,000		\$13,580,768,000	

Only a few words are required in soliciting subscriptions for AGRICULTURAL STATISTICS. Those who have use for it will always subscribe; those who have no use for it will not. The way to obtain AGRICULTURAL STATISTICS regularly is to subscribe for it.

Many of the statements in this paper have been tabulated from the last census-bureau reports. We do this for the purpose of founding a basis for later comparisons.

AGRICULTURAL STATISTICS is designed to present in clear type and simple tabulations all the farm statistical information that any mer-

All Kinds of Wheat, 1914-1915.

This is the consolidated statement of both winter and spring wheat for the years 1914 and 1915. Without going back for records we cannot clearly understand the present. The year 1915 is the big year in all kinds of wheat, thanks mainly to North Dakota.

State.	1914.		1915.	
	Yield Per Acre, Bushels.	Production, Bushels.	Yield Per Acre, Bushels.	Production, Bushels.
ALA.	13.0	403,000	12	1,200,000
ARIZ.	28.0	868,000	28	1,092,000
ARK.	13.0	1,625,000	12.5	2,750,000
CALIF.	17.0	68,000	16.0	7,040,000
COLO.	23.8	11,312,000	24.2	13,770,000
CONN.				
DEL.	20.5	2,337,000	15.0	1,875,000
FLA.				
GA.	12.1	1,694,000	11.0	3,575,000
IDAHO.	26.2	14,362,000	28.0	18,730,000
ILL.	18.5	46,250,000	19.0	53,200,000
IND.	17.4	43,239,000	17.2	45,580,000
IOWA.	18.6	15,066,000	20.0	18,985,000
KAS.	20.5	177,200,000	12.5	106,538,000
KY.	16.5	12,540,000	11.0	9,900,000
LA.				
MAINE.	27.0	81,000	28.0	112,000
MD.	21.5	13,158,000	16.1	10,272,000
MASS.				
MICH.	19.7	17,316,000	21.3	20,448,000
MINN.	10.6	42,975,000	17.0	70,870,000
MISS.	13.0	13,000	20.0	100,000
MO.	17.0	48,333,000	12.3	34,108,000
MONT.	20.2	18,356,000	26.5	42,180,000
NEB.	18.6	68,116,000	18.3	71,018,000
NEV.	29.6	1,332,000	29.6	1,660,000
N. H.				
N. J.	18.0	1,422,000	20.0	1,560,000
N. M.	24.2	1,838,000	22.2	1,976,000
N. Y.	22.5	8,100,000	25.0	11,875,000
N. C.	12.0	7,332,000	10.9	9,810,000
N. D.	11.2	81,592,000	18.2	151,970,000
OHIO.	18.5	36,538,000	20.3	40,194,000
OKLA.	19.0	47,975,000	11.6	38,860,000
ORE.	20.8	16,604,000	22.2	20,025,000
PENN.	18.1	23,747,000	18.5	24,605,000
R. I.				
S. C.	11.5	920,000	10.8	2,430,000
S. D.	9.1	31,566,000	17.1	63,762,000
TENN.	15.5	11,160,000	10.5	9,030,000
TEXAS.	13.0	14,066,000	15.5	25,575,000
UTAH.	25.0	7,275,000	25.7	8,225,000
VT.	29.0	29,000	30.0	30,000
VA.	14.5	11,296,000	13.8	16,974,000
WASH.	23.5	41,840,000	25.7	51,420,000
W. VA.	15.0	2,540,000	15.0	4,500,000
WIS.	19.1	3,511,000	22.7	4,662,000
WYO.	22.9	2,290,000	26.5	3,315,000
U. S.	16.6	891,017,000	17.0	1,025,801,000

BEANS—DRY EDIBLE—1916.

This table shows the acreage and production of dry edible beans in the United States in 1916:

State.	Planted, Acres.		Yield, Per Acre.		Production, Bushels.
	Acres.	Per Acre.	Acres.	Per Acre.	
ME.	11,000	11.0			121,000
N. H.	3,400	11.0			37,400
VT.	3,000	11.0			33,000
MASS.	550	12.0			6,600
N. Y.	190,000	6.0			1,140,000
N. J.	5,500	8.0			44,000
PENN.	9,000	6.0			54,000
W. A.	15,000	8.0			120,000
OHIO.	1,500	9.0			13,500
IND.	4,000	15.0			60,000
MICH.	470,000	6.6			3,102,000
WIS.	18,000	11.0			198,000
IOWA.	2,500	9.0			22,500
MO.	2,000	6.0			12,000
TENN.	4,500	6.0			27,000
COLO.	38,000	11.2			424,000
N. M.	64,000	6.6			425,000
ARIZ.	5,000	9.5			48,000
WASH.	6,500	1.0			65,000
CALIF.	340,000	16.4			5,576,000
ALL OTHER.	50,000	10.0			500,000
U. S.	1,224,000	9.6			12,029,000

During the year of the last census North Carolina produced 5,980,919 bushels of peanuts, and Virginia came next with 4,234,000 bushels.

All Wheat—Final Estimate—1917.

According to the final estimate of the Department of Agriculture, issued December, 1917, the final estimate of the 1917 wheat crop is 650,828,000 bushels, grown on 45,941,000 acres, showing an average of 14.2 bushels to the acre.

State.	Planted, Acres.		Yield, Per Acre.		Production, Bushels.
	Acres.	Per Acre.	Acres.	Per Acre.	
ALA.	93,000	10.0			930,000
ARIZ.	33,000	25.0			825,000
ARK.	210,000	16.0			3,360,000
CALIF.	375,000	19.8			7,425,000
COLO.	600,000	22.6			13,536,000
CONN.	000	00.0			000
DEL.	131,000	16.5			2,162,000
FLA.	000	00.0			000
GA.	244,000	8.5			2,074,000
IDA.	685,000	20.2			13,830,000
ILL.	1,600,000	19.0			30,400,000
IND.	1,805,000	18.5			33,392,000
IOWA.	420,000	19.9			8,350,000
KAS.	3,757,000	12.2			45,934,000
KY.	750,000	12.0			9,000,000
LA.	000	00.0			000
ME.	11,000	14.0			154,000
MD.	675,000	17.0			11,475,000
MASS.	000	00.0			000
MICH.	815,000	18.0			15,210,000
MINN.	3,310,000	17.5			57,965,000
MISS.	14,000	15.0			210,000
MO.	1,800,000	15.3			27,540,000
MONT.	1,727,000	10.4			17,963,000
NEB.	997,000	13.8			13,764,000
NEV.	41,000	27.8			1,140,000
N. H.	000	00.0			000
N. J.	89,000	19.0			1,691,000
N. M.	203,000	12.7			2,582,000
N. Y.	430,000	19.5			8,385,000
N. C.	930,000	10.5			9,765,000
N. D.	7,000,000	8.0			56,000,000
OHIO.	1,870,000	22.0			41,140,000
OKLA.	3,100,000	11.5			35,650,000
ORE.	821,000	15.6			12,811,000
PENN.	1,399,000	17.5			24,482,000
R. I.	000	00.0			000
S. C.	175,000	10.5			1,838,000
S. D.	3,716,000	14.0			52,024,000
TENN.	525,000	9.2			4,830,000
TEXAS.	1,350,000	12.0			16,200,000
UTAH.	320,000	17.7			5,650,000
VT.	3,000	20.0			60,000
VA.	1,280,000	14.0			17,920,000
WASH.	1,835,000	15.8			29,218,000
W. VA.	315,000	14.0			4,410,000
WIS.	239,000	22.3			5,327,000
WYO.	198,000	21.2			4,206,000
U. S.	45,941,000	14.2			650,828,000

BEANS—DRY EDIBLE—1917.

The following table represents the December estimate of the crop for 1917. It is the largest acreage and crop on record:

State.	Planted, Acres.		Yield, Per Acre.		Production, Bushels.
	Acres.	Per Acre.	Acres.	Per Acre.	
ME.	33,000	10.0			330,000
N. H.	10,000	10.0			100,000
VT.	10,000	10.0			100,000
MASS.	4,000	10.0			40,000
N. Y.	210,000	7.5			1,575,000
N. J.	8,000	10.0			80,000
PENN.	13,000	8.0			104,000
W. VA.	18,000	8.0			144,000
OHIO.	7,000	5.0			35,000
IND.	5,000	12.0			60,000
MICH.	639,000	5.5			3,515,000
WIS.	35,000	7.5			262,000
IOWA.	7,000	6.0			42,000
MO.	9,200	10.0			92,000
TENN.	10,000	6.0			60,000
COLO.	193,000	7.6			1,467,000
N. M.	213,000	4.5			958,000
ARIZ.	19,000	8.0			152,000
WASH.	16,000	8.0			128,000
CALIF.	558,000	11.4			6,355,000
ALL OTHER.	100,000	8.5			850,000
U. S.	2,117,200	8.6			18,129,000

Alabama produced 66,300,000 bushels of corn in 1915 and 46,688,000 bushels in 1916; about the same acreage each year.

The Corn Crop, 1916-17.

The statement herewith gives the yield per acre and the general estimate of corn production for the year 1916 and an early estimate for 1917. It will be interesting to compare the early estimate with the late estimate for 1917 in the next column.

State.	Yield Per Acre.	Production, Bushels, 1916.	Production, Bushels, 1917.
ALA.....	12.5	46,688,000	87,100,000
ARIZ.....	35.0	770,000	974,000
ARK.....	17.7	45,135,000	69,806,000
CALIF.....	32.0	2,048,000	2,552,000
COLO.....	15.5	7,362,000	11,757,000
CONN.....	43.0	2,700,000	3,222,000
DEL.....	34.0	6,970,000	8,086,000
FLA.....	15.0	12,600,000	14,226,000
GA.....	15.5	62,000,000	70,500,000
IDAHO.....	35.0	735,000	673,000
ILL.....	29.5	306,800,000	425,019,000
IND.....	34.0	174,658,000	206,205,000
IOWA.....	36.5	366,835,000	401,616,000
KAS.....	10.0	69,500,000	129,075,000
KY.....	28.0	95,200,000	127,682,000
LA.....	21.0	44,814,000	40,486,000
MAINE.....	43.0	645,000	726,000
MD.....	39.0	27,300,000	30,004,000
MASS.....	42.0	1,764,000	2,466,000
MICH.....	27.5	45,375,000	40,779,000
MINN.....	33.0	84,420,000	72,160,000
MISS.....	14.0	47,600,000	87,251,000
MO.....	19.5	132,112,000	268,614,000
MONT.....	25.0	1,850,000	1,487,000
NEB.....	26.0	192,400,000	259,250,000
NEV.....	34.0	34,000	65,000
N. H.....	46.0	874,000	1,011,000
N. J.....	40.0	10,800,000	11,003,000
N. M.....	21.0	2,625,000	3,587,000
N. Y.....	30.0	16,200,000	21,972,000
N. C.....	18.5	53,650,000	68,368,000
N. D.....	26.5	13,515,000	6,768,000
OHIO.....	31.5	115,762,000	158,637,000
OKLA.....	13.5	53,325,000	39,323,000
OREGON.....	33.5	1,340,000	1,142,000
PENN.....	39.0	56,550,000	62,014,000
R. I.....	31.0	341,000	526,000
S. C.....	15.5	32,008,000	45,890,000
S. D.....	28.5	84,075,000	97,138,000
TENN.....	26.0	84,500,000	114,855,000
TEXAS.....	19.0	131,100,000	79,080,000
UTAH.....	33.0	429,000	541,000
VT.....	13.0	1,935,000	2,190,000
VA.....	28.5	60,990,000	66,270,000
WASH.....	37.0	1,406,000	1,127,000
W. VA.....	30.5	22,112,000	26,229,000
WIS.....	36.0	60,840,000	40,978,000
WYO.....	22.0	550,000	807,000
U. S.....	24.0	2,583,241,000	3,210,795,000

Final Corn Estimate, 1917.

This is the United States government final corn production estimate of 1917. It will be noticed that Illinois produced the largest amount of corn, with Iowa a close second. The largest yield per acre is in Connecticut, but the acreage is small:

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.....	4,825,000	16.0	77,200,000
ARIZ.....	32,000	27.0	864,000
ARK.....	2,800,000	24.0	67,200,000
CALIF.....	75,000	32.0	2,400,000
COLO.....	532,000	20.0	10,640,000
CONN.....	95,000	51.0	4,845,000
DEL.....	230,000	34.0	7,820,000
FLA.....	925,000	15.0	13,875,000
GA.....	4,500,000	16.0	72,000,000
IDA.....	22,000	31.0	682,000
ILL.....	11,000,000	38.0	418,000,000
IND.....	5,651,000	36.0	203,436,000
IOWA.....	11,100,000	37.0	410,700,000
KAS.....	9,156,000	14.0	128,184,000
KY.....	3,900,000	31.5	122,850,000
LA.....	2,347,000	18.0	42,246,000
MA.....	20,000	39.0	780,000
MD.....	720,000	39.0	28,080,000
MASS.....	61,000	46.0	2,806,000
MICH.....	1,750,000	21.5	37,625,000
MINN.....	3,000,000	30.0	90,000,000
MISS.....	4,100,000	20.5	84,050,000
MO.....	7,200,000	35.0	252,000,000
MONT.....	81,000	12.5	1,012,000
NEB.....	9,240,000	27.0	249,480,000
NEV.....	2,000	30.0	60,000
N. H.....	26,000	42.0	1,092,000
N. J.....	297,000	43.0	12,771,000
N. M.....	170,000	20.0	3,400,000
N. Y.....	840,000	31.0	26,040,000
N. C.....	3,000,000	20.0	60,000,000
N. D.....	590,000	9.0	5,310,000
OHIO.....	3,950,000	38.0	150,100,000
OKLA.....	3,900,000	8.5	33,150,000
ORE.....	42,000	30.0	1,260,000
PENN.....	1,575,000	39.5	62,212,000
R. I.....	13,000	42.0	546,000
S. C.....	2,313,000	19.0	43,947,000
S. D.....	3,350,000	29.0	97,150,000
TENN.....	3,900,000	28.5	111,150,000
TEXAS.....	7,075,000	11.0	77,825,000
UTAH.....	20,000	25.0	500,000
VT.....	54,000	47.0	2,538,000
VA.....	2,450,000	29.5	72,275,000
WASH.....	41,000	37.0	1,517,000
W. VA.....	834,000	30.0	25,020,000
WIS.....	1,918,000	22.0	42,196,000
WYO.....	33,000	20.0	660,000
U. S.....	119,755,000	26.4	3,159,494,000

WHAT BECOMES OF THE CORN CROP.

The following represents the United States Department of Agriculture idea of the disposition of the corn crop:

Consumption on Farms.

	Bushels.	Per Cent. of Entire Crop.
Horses and Mules.....	728,000,000	27.0
Swine.....	724,000,000	26.8
Cattle (other than Milch.)	254,000,000	9.4
Milch Cows.....	231,000,000	8.6
Poultry.....	97,000,000	3.6
Human Beings.....	92,000,000	3.4
Sheep.....	60,000,000	2.2
Seed.....	23,000,000	.8
Other, or doubtful.....	103,000,000	3.8
Total.....	2,312,000,000	85.6

City Disposition.

	Bushels.	Per Cent. of Total Crop.
Used in Flour Mills.....	245,000,000	9.1
Glucose and Starch.....	40,000,000	1.5
Manufacture of Distilled Liquors.....	21,000,000	.8
Manufacture of Malt Liquors.....	14,000,000	.5
Used for Feed in Towns.....	120,000,000	4.4
Exported.....	45,000,000	1.7
Balance indefinite.....	28,000,000	1.0
Total.....	513,000,000	19.0

Corn on Farms.

Every year, March 1st, the grain on farms is reported. These figures are valuable, as they are comparative. In March, 1918, figures will be issued.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
PENN.....	21,762,000	21,652,000	16,965,000
VA.....	1,535,000	31,492,000	27,446,000
N. C.....	27,624,000	29,232,000	21,996,000
GA.....	19,120,000	32,475,000	30,380,000
OHIO.....	45,669,000	61,420,000	32,413,000
IND.....	58,794,000	76,230,000	54,144,000
ILL.....	99,011,000	142,272,000	88,972,000
MICH.....	19,530,000	15,680,000	9,075,000
WIS.....	19,863,000	4,899,000	10,343,000
MINN.....	26,390,000	9,016,000	18,572,000
IOWA.....	140,193,000	86,565,000	110,048,000
MO.....	38,016,000	70,948,000	31,707,000
S. D.....	23,400,000	28,275,000	21,019,000
NEB.....	71,320,000	87,330,000	73,112,000
KAS.....	29,221,000	70,540,000	13,205,000
KY.....	34,675,000	44,100,000	36,176,000
TENN.....	32,964,000	42,849,000	32,110,000
ALA.....	26,634,000	33,150,000	17,275,000
MISS.....	25,641,000	32,376,000	15,708,000
LA.....	13,124,000	17,589,000	17,029,000
TEXAS.....	28,704,000	50,055,000	35,397,000
OKLA.....	10,000,000	33,630,000	10,665,000
ARK.....	11,340,000	26,082,000	13,992,000
U. S.....	910,894,000	1,116,559,000	789,416,000

Oats Crop, 1911 and 1915.

The oats memorandum herewith shows the two good years of 1914 and 1915, the latter being the largest oats yield in this country on record and reaching an average of 37.8 per acre. Illinois and Iowa are the great oats-raising states.

State.	1914.		1915.	
	Yield Per Acre.	Estimated, Bushels.	Yield Per Acre.	Estimated, Bushels.
ALA....	22.0	8,580,000	19.0	11,400,000
ARIZ....	42.0	336,000	37.0	333,000
ARK....	24.0	6,240,000	27.0	10,125,000
CAL....	35.0	7,700,000	35.0	6,963,000
COLO....	40.0	13,000,000	39.0	11,700,000
CONN....	29.0	819,000	32.5	422,000
DEL....	27.0	108,000	33.5	134,000
FLA....	18.0	900,000	20.0	1,220,000
GA....	20.0	9,000,000	19.5	17,648,000
IDA....	44.0	14,608,000	47.0	15,745,000
ILL....	29.3	125,990,000	45.0	195,435,000
IND....	28.5	44,888,000	40.0	65,520,000
IOWA....	33.0	165,000,000	40.0	198,000,000
KAS....	33.5	58,960,000	26.5	39,750,000
KY....	21.0	3,675,000	26.0	6,500,000
LA....	23.0	1,610,000	25.0	3,000,000
ME....	41.0	5,781,000	40.0	7,000,000
MD....	27.0	1,161,000	34.0	1,530,000
MASS....	37.0	333,000	36.0	432,000
MICH....	33.5	50,752,000	42.0	64,260,000
MINN....	28.0	85,120,000	43.0	138,675,000
MISS....	23.0	3,630,000	21.5	6,450,000
MO....	21.5	25,800,000	26.0	31,850,000
MONT....	35.0	18,550,000	52.0	31,200,000
NEB....	32.0	69,600,000	32.0	70,400,000
NEV....	52.0	676,000	45.0	585,000
N. H....	38.0	456,000	38.0	456,000
N. J....	29.0	1,913,000	32.5	2,275,000
N. M....	38.0	1,976,000	36.0	2,160,000
N. Y....	31.5	40,162,000	40.5	54,270,000
N. C....	17.5	4,375,000	23.0	8,050,000
N. D....	28.0	64,904,000	40.0	98,000,000
OHIO....	30.5	50,325,000	41.0	69,003,000
OKLA....	27.5	30,250,000	27.0	36,450,000
ORE....	35.0	12,740,000	44.0	16,060,000
PENN....	30.0	32,190,000	38.0	43,320,000
R. I....	27.5	55,000	33.0	66,000
S. C....	20.0	7,500,000	19.0	9,975,000
S. D....	27.5	44,165,000	42.0	72,450,000
TENN....	23.0	8,050,000	24.5	8,746,000
TEX....	25.0	22,500,000	35.5	53,250,000
UTAH....	50.0	7,750,000	47.0	4,700,000
VT....	42.5	3,358,000	43.0	3,483,000
VA....	15.5	2,960,000	25.0	5,625,000
WASH....	47.0	13,959,000	50.0	13,750,000
W. VA....	20.0	2,100,000	29.0	3,480,000
WIS....	27.0	62,100,000	46.5	97,650,000
WYO....	35.0	7,875,000	42.0	9,534,000
U. S....	29.7	1,141,060,000	37.8	1,549,030,000

Oats Crop—Final, 1917.

The oats crop of 1917 was estimated in December to be the largest ever grown. The state of Iowa produced the largest number of bushels; the state of Illinois raised a few bushels less than Iowa. Illinois produced an average of fifty-two bushels to the acre, against forty-seven bushels an acre in Iowa:

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.....	540,000	18.0	9,720,000
ARIZ.....	10,000	40.0	400,000
ARK.....	340,000	28.0	9,520,000
CALIF.....	196,000	35.0	6,860,000
COLO.....	293,000	38.0	11,134,000
CONN.....	20,000	33.0	660,000
DEL.....	4,000	32.0	128,000
FLA.....	55,000	14.0	770,000
GA.....	650,000	16.0	10,400,000
IDA.....	275,000	38.0	10,450,000
ILL.....	4,700,000	52.0	244,400,000
IND.....	1,820,000	42.0	76,440,000
IOWA.....	5,250,000	47.0	246,750,000
KAN.....	2,284,000	31.0	70,804,000
KY.....	310,000	26.0	8,060,000
LA.....	84,000	22.3	1,873,000
ME.....	170,000	29.0	4,930,000
MD.....	47,000	34.0	1,457,000
MASS.....	12,000	37.0	444,000
MICH.....	1,530,000	36.5	56,575,000
MINN.....	3,250,000	37.0	120,250,000
MISS.....	300,000	19.0	5,700,000
MO.....	1,480,000	40.0	59,200,000
MONT.....	680,000	20.0	13,600,000
NEB.....	3,038,000	38.0	115,444,000
NEV.....	14,000	40.0	560,000
N. H.....	14,000	38.0	532,000
N. J.....	73,000	34.0	2,482,000
N. M.....	45,000	30.0	1,350,000
N. Y.....	1,275,000	35.0	44,625,000
N. C.....	340,000	17.0	5,780,000
N. D.....	2,575,000	15.0	38,625,000
OHIO.....	1,775,000	44.0	78,100,000
OKLA.....	1,150,000	23.0	26,450,000
ORE.....	365,000	25.0	9,125,000
PENN.....	1,175,000	35.0	41,125,000
R. I.....	2,000	31.0	62,000
S. C.....	400,000	15.0	6,000,000
S. D.....	1,925,000	34.0	65,450,000
TENN.....	300,000	24.5	7,350,000
TEXAS.....	1,425,000	26.0	37,050,000
UTAH.....	100,000	44.0	4,400,000
VT.....	88,000	36.0	3,168,000
VA.....	225,000	24.5	5,512,000
WASH.....	292,000	38.5	11,242,000
W. VA.....	143,000	27.0	3,861,000
WIS.....	2,250,000	44.0	99,000,000
WYO.....	263,000	36.0	9,468,000
U. S.....	43,572,000	36.4	1,587,286,000

Tobacco Crop, 1915 and 1916.

State.	1915. Yield Per Acre.	1915. Production, Pounds.	1916. Yield Per Acre.	1916. Production, Pounds.
ALA.....	500	100,000	300	60,000
ARK.....	600	300,000	500	250,000
CONN....	1,350	29,970,000	1,630	36,186,000
FLA.....	910	3,549,000	1,210	3,025,000
GA.....	880	1,496,000	1,180	1,534,000
ILL.....	850	595,000	750	525,000
IND.....	840	11,340,000	930	13,764,000
KY.....	810	356,400,000	900	435,600,000
LA.....	420	126,000	450	90,000
MD.....	740	1,628,000	110	19,635,000
MASS....	1,100	9,080,000	1,660	12,118,000
MO.....	900	3,150,000	950	3,040,000
N. H....	1,400	144,000	1,650	165,000
N. Y....	1,200	5,280,000	1,230	4,551,000
N. C....	620	198,400,000	550	176,000,000
OHIO....	900	84,330,000	950	95,000,000
PENN....	1,350	42,390,000	1,360	49,096,000
S. C....	580	37,700,000	520	20,280,000
TENN....	750	69,675,000	800	81,760,000
TEXAS..	500	100,000	700	140,000
VT.....	1,300	130,000	1,600	160,000
VA.....	750	144,375,000	680	129,200,000
W. VA..	870	9,831,000	900	12,690,000
WIS....	900	36,900,000	1,270	55,753,000
Total.	7,751	1,062,237,000	8,150	1,150,622,000

Tobacco Crop—1917.

State.	Planted Acres.	Yield Per Acre.	Production, Pounds.
ALA.....	200	730	146,000
ARK.....	300	700	210,000
CONN....	21,000	1,400	29,540,000
FLA.....	3,100	1,100	3,410,000
GA.....	1,600	1,000	1,600,000
ILL.....	700	800	560,000
IND.....	14,800	950	14,060,000
KY.....	474,000	900	426,600,000
MD.....	28,600	790	22,594,000
LA.....	600	350	210,000
MASS....	8,400	1,400	11,833,000
MO.....	3,000	940	2,820,000
N. H....	100	1,670	167,000
N. Y....	2,500	1,250	3,125,000
N. C....	325,000	630	204,750,000
OHIO....	103,200	960	99,072,000
PENN....	41,500	1,400	58,100,000
S. C....	72,000	710	51,120,000
TENN....	101,000	810	81,810,000
TEXAS..	200	670	134,000
VT.....	100	1,650	165,000
VA.....	185,000	700	129,500,000
W. VA..	11,300	800	9,040,000
W. VA..	11,300	800	9,040,000
U. S.....	1,416,000	827	1,196,451,000

Tame Hay—1917.

The production of tame hay in 1917 occupied 53,516,000 acres, and averaging 1.49 tons per acre the production was 79,528,000 tons, against 91,192,000 tons in the year 1916 and 85,920,000 tons in the year 1915.

State.	Acres.	Yield Per Acre.	Production, Tons.
ALA.....	1,448,000	.80	1,158,000
ARIZ.....	157,000	3.50	550,000
ARK.....	390,000	1.47	573,000
CALIF.....	2,400,000	1.90	4,560,000
COLO.....	970,000	2.45	2,376,000
CONN.....	350,000	1.50	525,000
DEL.....	78,000	1.26	98,000
FLA.....	100,000	1.10	110,000
GA.....	535,000	1.05	562,000
IDA.....	725,000	3.00	2,175,000
ILL.....	2,750,000	1.25	3,438,000
IND.....	2,146,000	1.40	3,004,000
IOWA.....	3,160,000	1.23	3,887,000
KAS.....	1,478,000	1.50	2,217,000
KY.....	975,000	1.30	1,268,000
LA.....	260,000	1.60	416,000
ME.....	1,160,000	1.35	1,566,000
MD.....	442,000	1.25	552,000
MASS.....	460,000	1.50	690,000
MICH.....	2,558,000	1.50	3,837,000
MINN.....	1,850,000	1.55	2,865,000
MISS.....	261,000	1.42	371,000
MO.....	3,180,000	1.15	3,657,000
MONT.....	750,000	1.40	1,063,000
NEB.....	1,590,000	1.60	2,544,000
NEV.....	234,000	2.99	679,000
N. H.....	506,000	1.35	683,000
N. J.....	350,000	1.45	508,000
N. M.....	202,000	1.90	384,000
N. Y.....	4,185,000	1.46	6,110,000
N. C.....	440,000	1.20	528,000
N. D.....	550,000	.88	484,000
OHIO.....	2,925,000	1.42	4,154,000
OKLA.....	575,000	1.60	920,000
ORE.....	840,000	1.95	1,638,000
PENN.....	3,092,000	1.40	4,329,000
R. I.....	60,000	1.50	90,000
S. C.....	250,000	1.12	280,000
S. D.....	735,000	1.50	1,102,000
TENN.....	892,000	1.28	1,142,000
TEXAS.....	450,000	1.90	450,000
UTAH.....	392,000	2.90	1,137,000
VT.....	945,000	1.42	1,341,000
VA.....	850,000	1.16	986,000
WASH.....	808,000	2.20	1,778,000
W. VA.....	790,000	1.27	1,003,000
WIS.....	2,703,000	1.70	4,595,000
WYO.....	560,000	1.70	952,000
U. S.....	53,516,000	1.49	79,528,000

Wild and Total Hay—1917.

The grains cut green belong to the tame-hay class. This table is for the wild hay crop of 1917 and the total of all hay produced in 1917.

State.	Grains Cut Green, Tons.	Wild Hay, Tons.	Total Hay, Tons.
ALA.....	166,000	37,000	1,195,000
ARIZ.....	12,000	18,000	568,000
ARK.....	46,000	99,000	672,000
CALIF.....	1,714,000	269,000	4,819,000
COLO.....	125,000	469,000	2,836,000
CONN.....	31,000	15,000	540,000
DEL.....	4,000	11,000	100,000
FLA.....	3,000	8,000	118,000
GA.....	82,000	14,000	576,000
IDA.....	291,000	162,000	2,337,000
ILL.....	28,000	104,000	3,542,000
IND.....	58,000	88,000	3,092,000
IOWA.....	62,000	738,000	4,625,000
KAS.....	152,000	1,044,000	3,261,000
KY.....	33,000	8,000	1,276,000
LA.....	142,000	39,000	455,000
ME.....	48,000	21,000	1,587,000
MD.....	17,000	6,000	558,000
MASS.....	27,000	24,000	714,000
MICH.....	27,000	45,000	3,882,000
MINN.....	87,000	235,000	5,224,000
MISS.....	36,000	49,000	420,000
MO.....	64,000	139,000	3,796,000
MONT.....	77,000	402,000	1,465,000
NEB.....	150,000	2,611,000	5,155,000
NEV.....	31,000	270,000	949,000
N. H.....	38,000	21,000	704,000
N. J.....	9,000	44,000	552,000
N. M.....	47,000	28,000	412,000
N. Y.....	43,000	88,000	6,198,000
N. C.....	65,000	43,000	571,000
N. D.....	108,000	1,417,000	1,901,000
OHIO.....	25,000	3,000	4,157,000
OKLA.....	209,000	450,000	1,370,000
ORE.....	595,000	218,000	1,856,000
PENN.....	35,000	15,000	4,344,000
R. I.....	6,000	1,000	91,000
S. C.....	34,000	10,000	290,000
S. D.....	430,000	2,925,000	4,027,000
TENN.....	750,000	31,000	1,173,000
TEXAS.....	1,160,000	164,000	614,000
UTAH.....	20,000	119,000	1,256,000
VT.....	8,000	13,000	1,544,000
VA.....	77,000	10,000	996,000
WASH.....	498,000	41,000	1,819,000
W. VA.....	19,000	7,000	1,010,000
WIS.....	65,000	427,000	5,022,000
WYO.....	29,000	300,000	1,252,000
U. S.....	5,677,000	15,402,000	94,930,000

WHEAT HELD BY COUNTRY MILLS.

In the year 1913, on March 1st, the wheat held in country mills and elevators was 118,400,000 bushels; in 1914, on same date, the amount so held was 93,267,000 bushels; 85,955,000 bushels in 1915; 155,027,000 bushels in 1916; and 89,614,000 bushels on March 1, 1917. The following table is the United States Agricultural Department report for the last three years:

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
N. Y.....	972,000	1,306,000	722,000
PENN.....	3,800,000	3,937,000	4,180,000
MD.....	1,184,000	2,568,000	1,024,000
VA.....	1,581,000	2,546,000	2,600,000
OHIO.....	4,019,000	4,421,000	2,430,000
IND.....	5,189,000	5,925,000	1,944,000
ILL.....	3,700,000	4,788,000	1,460,000
MICH.....	2,078,000	3,067,000	1,632,000
WIS.....	351,000	839,000	365,000
MINN.....	4,298,000	9,922,000	4,409,000
IOWA.....	1,205,000	2,278,000	1,500,000
MO.....	5,200,000	5,457,000	1,989,000
N. D.....	6,527,000	22,796,000	5,112,000
S. D.....	4,104,000	8,927,000	2,482,000
NEB.....	4,087,000	9,232,000	8,912,000
KAS.....	8,860,000	9,588,000	6,862,000
KY.....	2,633,000	2,277,000	1,202,000
TENN.....	1,969,000	1,254,000	62,000
TEXAS.....	1,969,000	2,813,000	1,452,000
OKLA.....	4,798,000	4,663,000	2,663,000
MONT.....	1,285,000	8,014,000	6,018,000
WASH.....	6,694,000	15,940,000	10,161,000
ALL OTHERS.....	9,859,000	22,369,000	20,208,000
U. S.....	85,955,000	155,027,000	89,614,000

FOOD SUPPLIES OF COUNTRIES.

The following table gives estimated values of relative imports, exports and production of foodstuffs in the countries named (on the basis of 100 representing their consumption) prior to the outbreak of the war. It may surprise some persons to observe that before the war the United States imported more foodstuffs than she exported. The principal exports of foodstuffs from the United States are grain and meats, but these did not equal in value the imports of sugar and coffee. In addition to these much of our imports are tropical or subtropical fruits.

Index Numbers of Foodstuffs Imported, Exported, Produced and Consumed, Furnished by the United States Department of Agriculture.

Countries.	Consumption, 100.	Imports, 100.	Exports, 100.	Production, 100.
UNITED KINGDOM.....	100	56.3	9.1	52.8
FRANCE.....	100	12.2	5.7	93.5
RUSSIA.....	100	2.8	12.4	109.6
BELGIUM.....	100	62.8	20.1	57.3
UNITED STATES.....	100	10.2	7.4	97.2
CANADA.....	100	12.5	35.3	122.8
ARGENTINA.....	100	5.3	53.3	148.0
GERMANY.....	100	20.8	8.4	87.6
AUSTRIA-HUNGARY.....	100	7.8	6.2	98.4

Effective July 1st, the Mexican government has increased export duty on wool to 40 cents Mexican gold per kilo and 20 cents Mexican gold per kilo on hair. A kilo amounts to 2.2 pounds.

Potato Crop, 1914 and 1915.

For the purpose of comparison, we publish the potato crop of 1914 and 1915 with the yield per acre in each state. It will be noticed that New York state in 1914 had a yield of 53,000,000 bushels.

State.	1914.		1915.	
	Yield Per Bushel.	Production in Bushels.	Yield Per Acre.	Production in Bushels.
ALA...	79	1,422,000	80	1,600,000
ARIZ...	110	110,000	95	95,000
ARK...	60	1,500,000	90	2,520,000
CALIF.	138	10,350,000	130	10,140,000
COLO.	129	6,000,000	135	7,155,000
CONN.	140	3,360,000	95	2,280,000
DEL...	80	880,000	95	1,045,000
FLA...	80	1,040,000	80	960,000
GA...	60	780,000	65	1,040,000
IDAHO	155	5,270,000	125	3,590,000
ILL...	60	7,440,000	110	13,860,000
IND...	80	6,000,000	95	7,125,000
IOWA.	86	12,642,000	105	15,540,000
KAS...	62	4,464,000	83	5,893,000
KY...	45	2,250,000	126	6,426,000
LA...	70	1,680,000	51	1,428,000
MAINE.	260	40,560,000	155	22,010,000
MD...	78	3,432,000	97	4,268,000
MASS.	155	4,185,000	120	3,120,000
MICH.	121	44,044,000	59	20,945,000
MINN.	114	30,780,000	106	30,210,000
MISS...	80	900,000	90	1,170,000
MO...	45	3,915,000	98	8,820,000
MONT.	140	5,180,000	155	6,045,000
NEB...	80	9,440,000	105	11,550,000
NEV...	138	1,560,000	172	2,236,000
N. H...	159	2,703,000	95	1,520,000
N. J...	108	9,936,000	130	12,090,000
N. M...	100	900,000	100	800,000
N. Y...	145	53,215,000	62	22,010,000
N. C...	52	1,706,000	90	3,150,000
N. D...	109	7,630,000	90	7,200,000
OHIO...	95	14,250,000	82	12,546,000
OKLA.	70	2,240,000	85	2,975,000
ORE...	97	4,753,000	115	5,520,000
PENN.	105	28,140,000	72	20,160,000
R. I...	165	825,000	110	550,000
S. C...	70	770,000	80	880,000
S. D...	90	5,670,000	115	7,280,000
TENN.	43	1,505,000	88	3,168,000
TEXAS.	61	2,684,000	65	2,730,000
UTAH...	140	2,800,000	125	2,500,000
VT...	168	4,200,000	108	2,592,000
VA...	65	7,280,000	125	17,500,000
WASH.	128	7,552,000	135	8,235,000
W. VA.	54	2,592,000	117	5,850,000
WIS...	124	37,696,000	87	25,926,000
WYO...	108	1,620,000	150	2,400,000
Total..	110.5	409,921,000	95.5	359,103,000

In the United States, Chicago is the market that receives the most corn, the most oats and the largest total of grain. Baltimore receives the most rye, and Minneapolis the most wheat and the most barley.

SUGAR BEET CROP.

The following is a simple statement of the United States production of sugar beets, the acreage harvested, the quantity worked and the farm price per acre:

State and Year.	Farm Price Per	
	Area Harvested, Acres.	Quantity Worked, Tons.
CALIFORNIA:		
1915.....	122,737	1,249,111
1916.....	141,097	1,462,895
1917.....	154,700	1,318,000
COLORADO:		
1915.....	171,222	1,888,860
1916.....	188,568	1,933,591
1917.....	162,000	1,853,200
IDAHO:		
1915.....	35,068	339,359
1916.....	42,135	331,478
1917.....	38,600	329,800
MICHIGAN:		
1915.....	122,000	997,972
1916.....	99,619	502,705
1917.....	86,000	596,500

White Potatoes—1917.

The crop of white potatoes in 1917 exceeded previous records and came at the right time. New York is the banner potato state, so far as quantity grown is concerned, but the average quantity per acre belongs to Nevada, where the actual acreage is small.

State.	Yield		Production Bushels.
	Planted Acres.	Per Acre.	
ALA.....	41,000	72.0	2,952,000
ARIZ.....	4,000	105.0	420,000
ARK.....	30,000	80.0	2,400,000
CALIF.....	105,000	145.0	15,525,000
COLO.....	70,000	133.0	9,310,000
CONN.....	29,000	110.0	3,190,000
DEL.....	13,000	95.0	1,235,000
FLA.....	25,000	91.0	2,275,000
GA.....	19,000	84.0	1,596,000
IDA.....	39,000	156.0	6,084,000
ILL.....	150,000	90.0	13,500,000
IND.....	92,000	92.0	8,464,000
IOWA.....	138,000	95.0	13,110,000
KAS.....	78,000	57.0	4,446,000
KY.....	70,000	96.0	6,720,000
LA.....	25,000	64.0	1,600,000
ME.....	150,000	92.0	20,250,000
MD.....	60,000	100.0	6,000,000
MASS.....	38,000	115.0	4,370,000
MICH.....	378,000	95.0	35,910,000
MINN.....	300,000	112.0	33,600,000
MISS.....	14,000	78.0	1,092,000
MO.....	109,000	87.0	9,483,000
MONT.....	57,000	95.0	5,415,000
NEB.....	147,000	85.0	12,495,000
NEV.....	15,000	207.0	3,105,000
N. H.....	21,000	107.0	2,247,000
N. J.....	98,000	114.0	11,172,000
N. M.....	11,000	116.0	1,276,000
N. Y.....	400,000	95.0	38,000,000
N. C.....	50,000	90.0	4,500,000
N. D.....	90,000	43.0	3,870,000
OHIO.....	160,000	100.0	16,000,000
OKLA.....	36,000	69.0	2,484,000
ORE.....	75,000	108.0	8,106,000
PENN.....	321,000	92.0	29,532,000
R. I.....	5,000	135.0	675,000
S. C.....	15,000	96.0	1,440,000
S. D.....	80,000	90.0	7,200,000
TENN.....	52,000	94.0	4,888,000
TEXAS.....	46,000	60.0	2,760,000
UTAH.....	23,000	189.0	4,347,000
VT.....	30,000	100.0	3,000,000
VA.....	200,000	99.0	19,800,000
WASH.....	79,000	125.0	9,875,000
W. VA.....	65,000	115.0	7,475,000
WIS.....	307,000	114.0	34,998,000
WYO.....	30,000	155.0	4,650,000
U. S.....	4,390,000	100.8	442,536,000

OHIO:			
1915.....	25,684	279,427	5.29
1916.....	24,767	137,696	6.83
1917.....	26,100	242,300	7.27
UTAH:			
1915.....	56,226	629,204	4.91
1916.....	68,211	708,237	5.73
1917.....	81,300	776,400	7.00
OTHER STATES:			
1915.....	78,364	765,860	5.67
1916.....	100,911	843,071	6.18
1917.....	126,700	1,120,500	7.28
UNITED STATES:			
1912.....	555,300	5,224,377	5.82
1913.....	580,006	5,659,462	5.69
1914.....	483,400	5,288,500	5.45
1915.....	611,301	6,150,293	5.67
1916.....	665,308	5,919,673	6.12
1917.....	675,400	6,237,100	7.34

In planting fall wheat, Oklahoma decreased 136,000 acres in the autumn of 1917, as compared with the previous year.

Dairy cows in the United States have increased continuously, and the tabulations in this publication will show the range of progression.

The Barley Crop, 1914 and 1915.

The barley crop is an important one and reached a maximum of 237,000,000 bushels in 1917. California, Minnesota, North Dakota, South Dakota and Wisconsin are strong barley states.

State.	1914.		1915.	
	Per Acre.	Yield Production in Bushels.	Per Acre.	Yield Production in Bushels.
Ariz.	36.0	1,260,000	37.0	1,295,000
Calif.	29.0	42,060,000	29.0	39,440,000
Colo.	38.5	3,966,000	36.0	4,680,000
Idaho.	38.0	7,030,000	40.5	7,736,000
Ill.	29.5	1,622,000	34.0	1,836,000
Ind.	25.0	200,000	28.0	224,000
Iowa.	26.0	9,360,000	31.0	10,943,000
Kas.	24.5	5,880,000	31.0	8,370,000
Ky.	28.5	142,000	30.0	180,000
Maine.	30.0	150,000	26.5	132,000
Md.	33.0	165,000	34.0	170,000
Mich.	26.0	2,340,000	29.5	2,508,000
Minn.	23.0	31,694,000	30.5	41,175,000
Mo.	24.0	120,000	25.0	125,000
Mont.	30.5	2,185,000	34.0	2,720,000
Neb.	23.5	2,656,000	31.0	3,255,000
Nev.	47.0	611,000	48.0	576,000
N. H.	32.0	32,000	30.0	30,000
N. M.	34.0	170,000	33.0	264,000
N. Y.	28.0	2,100,000	32.0	2,720,000
N. D.	19.5	28,275,000	32.0	44,800,000
Ohio.	25.0	875,000	31.0	930,000
Okla.	25.0	175,000	26.5	212,000
Ore.	36.0	3,660,000	36.0	4,680,000
Penn.	28.0	196,000	29.5	236,000
S. D.	23.0	19,950,000	32.0	24,000,000
Tenn.	27.0	135,000	24.0	144,000
Texas.	25.0	200,000	28.0	252,000
Utah.	45.0	1,440,000	42.5	1,445,000
Vt.	34.5	414,000	35.0	420,000
Va.	26.0	286,000	29.0	348,000
Wash.	39.0	7,098,000	41.0	7,263,000
Wis.	27.3	18,428,000	35.5	23,288,000
Wyo.	33.0	528,000	36.0	612,000
U. S.	25.8	194,953,000	32.0	237,009,000

Barley in 1916.

In the year 1916 the barley crop produced in the United States was reduced 57,000,000 bushels, compared with the previous year, the yield per acre being 23.6, against 32 the previous year.

State.	1916.		Price Per Bushel.	Value Per Acre.
	Per Acre.	Yield Production in Bushels.		
ARIZ.	35.0	1,120,000	\$1.08	\$37.80
CALIF.	28.0	33,320,000	.95	26.60
COLO.	32.0	5,120,000	.82	26.20
IDAHO.	39.0	7,410,000	.82	31.98
ILL.	32.0	1,920,000	1.03	32.96
IND.	27.0	405,000	.75	20.25
IOWA.	29.5	8,702,000	.91	26.84
KAS.	16.0	4,800,000	.77	12.32
KY.	26.0	156,000	.90	23.40
MAINE.	26.0	156,000	1.04	27.04
MD.	32.0	192,000	.73	23.36
MICH.	24.5	2,450,000	.91	22.30
MINN.	19.0	26,125,000	.87	16.53
MO.	20.0	100,000	.93	18.60
MONT.	28.0	2,660,000	.76	21.28
NEB.	28.0	3,080,000	.75	21.00
NEV.	4.10	492,000	.95	38.95
N. H.	28.0	28,000	.90	25.20
N. M.	28.0	308,000	1.00	28.00
N. Y.	23.3	1,887,000	1.01	23.53
N. D.	15.5	26,738,000	.80	12.40
OHIO.	27.8	917,000	.80	22.24
OKLA.	12.5	100,000	1.00	12.50
OREGON.	38.5	5,390,000	.80	30.80
PENN.	25.0	300,000	.75	18.75
S. D.	22.7	18,728,000	.83	18.84
TENN.	23.7	237,000	1.00	23.70
TEXAS.	17.0	153,000	.80	13.60
UTAH.	36.0	1,224,000	.76	27.36
VT.	27.5	412,000	1.00	27.50
VA.	27.5	358,000	.85	23.38
WASH.	41.3	6,814,000	.84	34.69
WIS.	30.0	18,300,000	1.05	31.50
WYO.	33.0	825,000	.87	28.71
Total.	23.6	180,927,000	\$0.88	\$20.79

Increased production wins the war.

Barley Crop—Final, 1917.

This tabulated statement shows the final barley crop of 1917, as estimated in December by the United States Department of Agriculture. California takes the lead in the total production, although the largest acreage was in North Dakota. The largest yield per acre is in Illinois:

State.	Yield		Production, Bushels.
	Planted Acres.	Per Acre.	
ALA.	000	00.0	000
ARIZ.	33,000	35.0	1,155,000
ARK.	000	00.0	000
CALIF.	1,350,000	29.0	39,150,000
COLO.	168,000	33.0	5,544,000
CONN.	000	00.0	000
DEL.	000	00.0	000
FLA.	000	00.0	000
GA.	000	00.0	000
IDA.	190,000	29.0	5,510,000
ILL.	66,000	37.5	2,475,000
IND.	22,000	30.5	671,000
IOWA.	300,000	35.0	10,500,000
KAS.	750,000	10.0	7,500,000
KY.	5,000	28.0	140,000
LA.	000	00.0	000
ME.	7,000	21.0	147,000
MD.	6,000	26.0	156,000
MASS.	000	00.0	000
MICH.	130,000	26.5	3,445,000
MINN.	1,400,000	27.0	37,800,000
MISS.	000	00.0	000
MO.	6,000	25.0	150,000
MONT.	90,000	15.0	1,350,000
NEB.	213,000	26.5	5,644,000
NEV.	12,000	35.0	420,000
N. H.	1,000	31.0	31,000
N. J.	000	00.0	000
N. M.	13,000	28.0	364,000
N. Y.	110,000	28.0	3,080,000
N. C.	000	00.0	000
N. D.	1,825,000	12.5	22,812,000
OHIO.	40,000	33.0	1,320,000
OKLA.	9,000	18.0	162,000
ORE.	182,000	29.0	5,278,000
PENN.	13,000	28.0	364,000
R. I.	000	00.0	000
S. C.	000	00.0	000
N. D.	1,825,000	12.5	22,812,000
TENN.	6,000	20.0	120,000
TEXAS.	9,000	20.0	180,000
UTAH.	33,000	37.0	1,221,000
VT.	17,000	29.0	493,000
VA.	12,000	30.0	360,000
WASH.	170,000	29.0	4,930,000
W. VA.	000	00.0	000
WIS.	600,000	32.0	19,200,000
WYO.	27,000	29.0	783,000
U. S.	8,835,000	23.7	208,975,000

The apple crop of 1917 was disappointing, but will be sufficient.

Orange production in 1917 just about half the production of 1916.

The peanut crop of 1917 was almost double that of 1916. A jump in valuation from \$42,000,000 to \$105,000,000.

The largest planting of wheat in the fall of 1917 was in Kansas, which is a grand showing, although there was no increase over the previous year.

One-half the battle in studying statistics is the knowledge of what is large and what is small. One unit may represent a hundred and fifty dollars and another may represent fifty cents.

The Rye Crop, 1914 and 1915.

Here the statement gives the rye crop for the ordinary year 1914 and to the then record-making crop of 1915. Rye is a crop which goes into consumption as bread, and every pound of it counts in food economy.

State.	1914.		1915.	
	Per Acre.	Yield in Bushels.	Per Acre.	Yield in Bushels.
Ala.	13.0	26,000	10.0	40,000
Ark.	10.5	10,000	10.5	10,000
Calif.	17.0	136,000	14.0	112,000
Colo.	17.5	368,000	17.5	525,000
Conn.	19.0	133,000	21.5	150,000
Del.	15.5	18,000	15.5	16,000
Ga.	9.3	121,000	9.2	120,000
Idaho.	20.0	60,000	20.0	60,000
Ill.	16.0	784,000	18.5	906,000
Ind.	16.3	1,614,000	16.0	2,400,000
Iowa.	19.0	1,121,000	18.5	1,110,000
Kas.	20.0	1,000,000	16.0	800,000
Ky.	13.7	301,000	12.0	288,000
La.	17.0	425,000	16.5	336,000
Mass.	19.0	57,000	20.0	60,000
Mich.	16.0	5,936,000	15.5	6,045,000
Minn.	18.8	5,245,000	19.5	5,850,000
Mo.	14.0	238,000	13.5	338,000
Mont.	21.0	210,000	22.5	225,000
Neb.	16.0	1,952,000	17.5	3,500,000
N. J.	18.5	1,295,000	20.0	1,420,000
N. Y.	17.7	2,283,000	18.7	2,805,000
N. C.	10.0	460,000	11.5	575,000
N. D.	17.1	2,240,000	15.0	2,700,000
Ohio.	17.0	1,615,000	17.5	1,750,000
Okla.	16.0	96,000	13.5	81,000
Ore.	16.0	336,000	18.0	414,000
Penn.	18.0	5,040,000	18.0	4,932,000
S. C.	11.5	34,000	10.0	30,000
S. D.	17.0	1,026,000	19.5	3,900,000
Tenn.	13.0	106,000	10.5	189,000
Texas.	14.8	30,000	17.0	34,000
Utah.	17.5	228,000	15.5	202,000
Vt.	20.0	20,000	17.0	17,000
Va.	13.0	754,000	14.5	1,015,000
Wash.	19.7	158,000	18.2	146,000
W. Va.	14.5	246,000	14.0	224,000
Wis.	16.5	6,798,000	18.5	7,720,000
Wyo.	17.0	85,000	20.0	180,000
U. S.	16.8	42,779,000	17.2	49,190,000

The Cotton Crop.

The Department of Agriculture in December gives us an estimate by states of the cotton crop of 1917. We present it, together with the enumeration of the crop of 1916 and the five-year average from 1911 to 1915, inclusive. The small crop of 1917 was selling at 27.7 cents a pound in December, 1917, against 10 cents a pound, the December average for the five-year period.

State.	Five-year Average,		1916.	1917.
	Bales.	Bales.		
VIRGINIA.	23,762	27,127	16,000	
N. CAROLINA.	872,830	654,603	570,000	
GEORGIA.	2,297,697	1,820,939	1,820,000	
FLORIDA.	64,787	41,449	40,000	
ALABAMA.	1,465,301	533,402	505,000	
MISSISSIPPI.	1,152,041	811,794	895,000	
LOUISIANA.	399,007	443,182	615,000	
TEXAS.	4,180,240	3,725,700	3,115,000	
ARKANSAS.	927,273	1,134,033	895,000	
TENNESSEE.	358,538	382,422	206,000	
MISSOURI.	60,871	62,699	51,000	
OKLAHOMA.	957,106	823,526	890,000	
CALIFORNIA.	23,844	43,620	67,000	
ALL OTHER.	8,296	13,604	29,000	
U. S.	14,175,872	11,449,930	10,949,000	

Many people have erroneous ideas concerning the relative cash value of state productions. Illinois is first, Iowa second and Texas third; Ohio is fourth and Missouri fifth.

The Rye Crop—1917.

The rye crop of 1917 was the largest on record and amounted to 60,145,000 bushels, against 48,862,000 bushels in 1916, and 64,050,000 bushels in 1915. The largest 1917 yield was in North Dakota, and the largest yield per acre in Connecticut.

State.	Planted Acres.	Yield Per Acre.		Production, Bushels.
		Per Acre.	Per Acre.	
ALA.	4,000	9.5		38,000
ARIZ.	000	00.0		000
ARK.	2,000	13.5		27,000
CALIF.	000	00.0		000
COLO.	27,000	16.0		432,000
CONN.	7,000	20.5		144,000
DEL.	1,000	16.0		16,000
FLA.	000	00.0		000
GA.	15,000	8.5		128,000
IDA.	2,000	13.5		31,000
ILL.	43,000	17.5		752,000
IND.	200,000	15.0		3,000,000
IOWA.	50,000	18.0		900,000
KAS.	76,000	15.0		1,140,000
KY.	30,000	12.5		375,000
LA.	000	00.0		000
ME.	000	00.0		000
MD.	24,000	16.0		384,000
MASS.	3,000	19.0		57,000
MICH.	341,000	15.0		5,115,000
MINN.	410,000	18.5		7,585,000
MISS.	000	00.0		000
MO.	30,000	14.7		441,000
MONT.	9,000	12.7		114,000
NEB.	215,000	15.6		3,354,000
NEV.	000	00.0		000
N. H.	000	00.0		000
N. J.	69,000	18.5		1,276,000
N. M.	000	00.0		000
N. Y.	135,000	19.2		2,565,000
N. C.	52,000	10.0		520,000
N. D.	1,010,000	9.5		9,880,000
OHIO.	90,000	18.0		1,620,000
OKLA.	9,000	10.0		90,000
ORE.	31,000	11.5		356,000
PENN.	260,000	17.0		4,420,000
R. I.	000	00.0		000
S. C.	17,000	10.0		170,000
S. D.	350,000	16.0		5,600,000
TENN.	12,000	10.0		120,000
TEXAS.	2,000	10.0		20,000
UTAH.	13,000	8.0		104,000
VT.	1,000	20.0		20,000
VA.	77,000	15.0		1,155,000
WASH.	7,000	12.7		89,000
W. VA.	20,000	13.5		270,000
WIS.	410,000	18.5		7,585,000
WYO.	18,000	14.0		252,000
U. S.	4,102,000	14.7		60,145,000

New Zealand's Wheat Price.

New Zealand has decided to control the purchase and distribution of its new wheat crop. The maximum government price will be \$1.41 per bushel. Latest estimates give the total amount of wheat land as 293,000 acres and the estimated yield thirty bushels per acre. New Zealand has lately been importing wheat from Australia.

In every line of live stock production there was an increase in 1917 over the previous year.

A table showing the value of farm productions by states will be found in this edition of AGRICULTURAL STATISTICS.

The cranberry crop was reduced in 1917 to 13.7 barrels per acre, against 18.0 barrels the year before.

Crop of Buckwheat.

Pennsylvania and New York state lead in the production of buckwheat, but New Hampshire, Vermont and Maine lead in the quantity produced per acre. The production in 1915 was 15,769,000 bushels, an average of 19.6 bushels per acre.

State.	1914.		1915.	
	Yield Per Acre.	Production in Bushels.	Yield Per Acre.	Production in Bushels.
Conn.	18.5	56,000	20.0	60,000
Del.	19.0	57,000	18.5	56,000
Ill.	17.7	71,000	17.0	68,000
Ind.	17.5	88,000	14.0	70,000
Iowa.	18.3	110,000	13.0	91,000
Kas.	16.0	16,000	14.0	14,000
Maine.	29.0	348,000	26.0	338,000
Md.	18.5	204,000	20.0	220,000
Mass.	18.5	37,000	16.0	32,000
Mich.	18.5	1,054,000	14.5	870,000
Minn.	17.0	102,000	17.5	122,000
Mo.	15.5	31,000	15.0	45,000
Neb.	18.5	18,000	20.0	20,000
N. H.	25.0	25,000	30.0	30,000
N. J.	21.0	210,000	21.0	210,000
N. Y.	23.0	6,302,000	19.0	5,332,000
N. C.	19.0	171,000	17.5	175,000
Ohio.	24.0	432,000	23.0	414,000
Penn.	20.5	5,740,000	21.0	5,754,000
Tenn.	22.3	67,000	18.0	54,000
Vt.	28.0	224,000	27.0	216,000
Va.	19.4	446,000	20.0	520,000
W. Va.	21.5	774,000	22.0	836,000
Wis.	17.5	298,000	13.0	234,000
U. S.	21.3	16,881,000	19.6	15,769,000

The Crop of Buckwheat.

In 1916 the crop of buckwheat decreased from 11,840,000 bushels, owing to bad conditions, as compared with 16,881,000 bushels in 1914. The acreage in 1916 was the largest in three years, maybe the largest on record. The average per acre fell from 21.3 bushels in 1914 to 14 bushels in 1916.

State.	1916.		1917.	
	Per Acre, Bushels.	Production, Bushels.	Per Acre, Bushels.	Production, Bushels.
CONN.	19.0	57,000	66,000	
DEL.	19.0	57,000	63,000	
ILL.	17.0	68,000	25,000	
IND.	18.0	144,000	163,000	
IOWA.	15.0	150,000	176,000	
MAINE.	24.0	336,000	331,000	
MD.	18.9	189,000	223,000	
MASS.	16.0	32,000	31,000	
MICH.	11.0	825,000	963,000	
MINN.	15.0	150,000	464,000	
MO.	14.0	56,000	91,000	
NEB.	17.0	17,000	27,000	
N. H.	20.0	20,000	50,000	
N. J.	19.0	285,000	314,000	
N. Y.	12.0	3,480,000	6,282,000	
N. C.	17.5	175,000	230,000	
OHIO.	17.7	336,000	491,000	
PENN.	14.0	3,780,000	5,920,000	
TENN.	18.0	54,000	55,000	
VT.	17.5	210,000	308,000	
VA.	19.2	480,000	508,000	
W. VA.	18.3	659,000	972,000	
WIS.	14.0	280,000	283,000	
U. S.	14.0	11,840,000	17,895,000	

The Dorchester, the first named tame blackberry, introduced by Mr. Lovett, of Massachusetts, in the year 1850.

For the reason that the editor of AGRICULTURAL STATISTICS and the editor of THE NATIONAL FARMER AND STOCK GROWER are one and the same person, it is not surprising that they stand in together.

THE BUCKWHEAT CROP OF 1917.

The final report by the U. S. Agricultural Department of the 1917 buckwheat crop is closely near the earlier estimate. There is a creditable increase in acreage and a fair average crop per acre, but not equal to the years 1914 and 1915.

State.	Yield Per Acre.		Production, Bushels.
	Planted Acres.	Per Acre.	
CONN.	3,000	17.3	52,000
DEL.	3,000	20.0	60,000
ILL.	4,000	19.0	76,000
IND.	10,000	15.0	150,000
IOWA.	11,000	12.0	132,000
ME.	15,000	21.5	322,000
MD.	11,000	20.0	220,000
MASS.	2,000	15.0	30,000
MICH.	75,000	9.0	675,000
MINN.	11,000	14.0	154,000
MO.	6,000	15.0	90,000
NEB.	2,000	16.0	32,000
N. H.	2,000	19.0	38,000
N. J.	16,000	18.0	288,000
N. Y.	330,000	18.0	5,940,000
N. C.	12,000	20.0	240,000
OHIO.	25,000	17.2	430,000
PENN.	350,000	18.0	6,300,000
TENN.	4,000	17.0	68,000
VT.	13,000	22.0	286,000
VA.	33,000	21.1	696,000
W. VA.	45,000	20.0	900,000
WIS.	23,000	12.2	281,000
U. S.	1,006,000	17.4	17,460,000

Cabbage Crop, 1915-16.

There was considerable difference, one year with another. In 1915 the production was 9.7 tons per acre; in 1916 the production was reduced to 6.2 tons per acre. In 1915 the ground harvested was 69,400 acres, and in 1916 only 40,100 acres were harvested.

State.	1915.		1916.	
	Yield Per Acre, Tons.	Production, Tons.	Yield Per Acre, Tons.	Production, Tons.
COLO.	10.8	39,700	10.3	32,900
IND.	5.0	6,500	3.5	3,900
IOWA.	10.0	28,400	6.5	10,800
MICH.	9.0	41,400	7.1	17,400
MINN.	9.0	21,000	6.4	9,700
N. Y.	10.0	359,000	5.4	96,200
OHIO.	7.0	27,100	5.3	11,900
VA.	9.0	12,900	7.1	6,100
WIS.	10.0	134,600	6.3	58,000
Nine States...	9.7	670,600	6.2	247,000

CABBAGE PRODUCTION, 1917.

The nine states where cabbages are produced in quantity nearly doubled production, as compared with the previous year, but did not equal the large crop of 1915. New York state alone represents half the commercial crop of cabbage.

State.	Acre-Yield Per Acre.		Production, Tons.
	Planted Acres.	Per Acre.	
N. Y.	37,600	7.3	247,105
WIS.	13,250	8.3	97,940
MICH.	5,350	8.7	44,805
COLO.	4,400	4.4	19,360
OHIO.	3,900	10.0	35,000
MINN.	2,800	7.2	18,000
VA.	2,150	7.0	15,050
IOWA.	1,950	6.8	12,240
IND.	1,800	8.0	13,200
Total.....	73,200	7.5	502,700

We desire to make the request that the friends of AGRICULTURAL STATISTICS will recommend the publication to their business friends.

The most useful farm paper in the United States is The National Farmer and Stock Grower of St. Louis, Mo. Philip H. Hale, Editor.

Alfalfa Growing Records.

The progress in growing alfalfa is well shown by the increase from 2,094,011 acres in 1899 to 4,707,146 acres in alfalfa in 1909, when the last census was taken. The crop increased 5,220,671 tons in 1899 to 11,859,881 tons in 1909. The average yield in 1909 was 2.52 tons per acre, and 282,012 farms reported growing alfalfa.

State.	1899, Acreage.	1909, Acreage.	1899, Tons.	1909, Tons.
ALA.	272	6,987	343	8,906
ARIZ.	62,585	66,102	137,270	194,534
ARK.	2,278	15,929	4,444	33,231
CAL.	298,898	484,134	838,730	1,639,707
COLO.	455,237	508,892	1,107,471	1,265,915
CONN.	153	516	204	731
DEL.	173	205	211	580
D. C.	.....	28	.....	108
FLA.	.....	49	.....	63
GA.	37	545	83	1,079
IDA.	160,029	308,892	425,706	964,529
ILL.	9,290	18,344	9,572	52,284
IND.	844	17,898	1,266	40,320
IOWA.	2,298	29,143	6,252	84,569
KAS.	267,376	956,962	601,624	1,998,689
KY.	808	20,229	1,056	37,978
LA.	2,365	12,073	4,156	28,146
ME.	93	173	182	216
MD.	144	3,188	108	6,806
MASS.	96	232	102	394
MICH.	1,087	6,553	1,366	13,872
MINN.	658	2,238	1,781	6,314
MISS.	99	9,245	201	16,710
MO.	2,359	35,478	5,409	96,105
MONT.	68,959	224,226	186,498	599,747
NEB.	115,142	685,282	275,334	1,522,136
NEV.	96,725	90,151	224,331	238,383
N. H.	26	47	36	97
N. J.	194	1,386	205	3,251
N. M.	55,467	102,650	154,973	265,625
N. Y.	5,582	35,343	13,002	87,042
N. C.	243	735	392	1,394
N. D.	334	3,083	479	5,638
OHIO.	2,799	29,439	3,944	70,126
OKLA.	16,062	206,823	30,108	321,675
ORE.	53,612	120,427	145,875	375,445
PENN.	52	4,935	72	9,154
R. I.	2	34	2	78
S. C.	18	138	31	328
S. D.	13,029	66,183	28,265	153,906
TENN.	654	5,323	1,173	10,600
TEX.	18,999	55,332	33,394	97,936
UTAH.	268,229	284,182	681,515	791,355
VT.	38	252	45	515
VA.	349	3,126	521	7,203
WASH.	35,166	94,990	118,559	357,595
W. VA.	123	696	198	1,406
WIS.	460	17,986	838	49,794
WYO.	74,688	170,431	173,344	397,669
Total.	2,094,011	5,220,671	4,707,146	11,859,881

It was The National Farmer and Stock Grower, published monthly at St. Louis, Mo., that started the agitation against the high rate of interest on farm loans.

The most useful farm paper in the United States is The National Farmer and Stock Grower of St. Louis, Mo. Philip H. Hale, Editor.

One Year's Hemp Production.

Hemp growing is not prospering in this country. In 1879 the production was 10,870,720 pounds, and in 1889 it was increased to 25,636,880 pounds, and 24,178,560 pounds of that total were produced in Kentucky. In 1899 the total was reduced to 11,750,630 pounds, and of that amount 10,303,560 pounds were produced in Kentucky. When

Alfalfa, 1915-1916, and Millets.

The United States government report by the Department of Agriculture shows that in 1915 alfalfa produced was 19,046,000 tons, but in 1916 the unfavorable season reduced the crop to 16,591,000 tons. The millets also decreased from 3,561,000 tons in 1915 to 3,133,000 tons in 1916.

State.	ALFALFA,		MILLETS,	
	1915, Tons.	1916, Tons.	1915, Tons.	1916, Tons.
ALA.	31,000	13,000	27,000	36,000
ARIZ.	358,000	527,000	9,000	12,000
ARK.	89,000	70,000	45,000	37,000
CAL.	1,819,000	1,838,000	.....	.....
COL.	1,665,000	1,213,000	43,000	60,000
CONN.	35,000	26,000	20,000	17,000
DEL.	3,000	5,000	7,000	5,000
FLA.	.....	1,000	4,000	3,000
GA.	16,000	19,000	28,000	26,000
IDAHO.	969,000	888,000	.....	.....
ILL.	270,000	270,000	115,000	121,000
IND.	167,000	166,000	76,000	66,000
IOWA.	252,000	290,000	189,000	122,000
KAS.	2,478,000	1,588,000	325,000	182,000
KY.	57,000	71,000	94,000	106,000
LA.	42,000	43,000	13,000	9,000
ME.	.....	.....	60,000	61,000
MD.	19,000	27,000	9,000	14,000
MASS.	28,000	30,000	49,000	53,000
MICH.	243,000	284,000	52,000	44,000
MINN.	97,000	157,000	162,000	175,000
MISS.	21,000	21,000	4,000	7,000
MO.	241,000	261,000	278,000	240,000
MONT.	961,000	715,000	15,000	14,000
NEB.	2,866,000	2,646,000	410,000	346,000
NEV.	601,000	427,000	.....	.....
N. H.	3,000	4,000	30,000	38,000
N. J.	52,000	44,000	16,000	12,000
N. M.	323,000	248,000	22,000	19,000
N. Y.	330,000	364,000	110,000	109,000
N. C.	16,000	15,000	23,000	18,000
N. D.	132,000	141,000	139,000	186,000
OHIO.	243,000	202,000	41,000	41,000
OKLA.	671,000	487,000	190,000	74,000
ORE.	468,000	430,000	.....	.....
PENN.	130,000	156,000	87,000	78,000
R. I.	1,000	1,000	5,000	6,000
S. C.	11,000	13,000	11,000	6,000
S. D.	561,000	583,000	244,000	194,000
TENN.	35,000	58,000	216,000	203,000
TEX.	145,000	98,000	84,000	86,000
UTAH.	749,000	600,000	10,000	8,000
VT.	13,000	25,000	46,000	67,000
VA.	47,000	64,000	57,000	64,000
WASH.	523,000	441,000	.....	10,000
W. Va.	22,000	32,000	44,000	38,000
WIS.	361,000	243,000	90,000	89,000
WYO.	883,000	741,000	61,000	31,000
Total	19,046,000	16,591,000	3,561,000	3,133,000

the last census was taken in 1909 the hemp product was reduced to 7,483,295 pounds, and 6,420,232 pounds were produced in Kentucky. The table herewith represents the condition of the industry at the time of the last census.

State.	Farms Report- ing.	No. of Acres.	Produc- tion, Pounds.	Value, Dollars.
CALIF.	2	300	600,000	39,000
COLO.	3	77	16,300	700
ILL.	1	.....	50	5
IND.	5	555	395,467	21,755
KY.	490	6,855	6,420,232	348,386
LA.	1	.....	.....	2
ME.	1	15	25,000	1,250
MD.	13	.....	723	118
MO.	1	15	5,500	283
N. M.	1	1	50	12
N. Y.	2	40	3,530	201
PENN.	7	.....	7,192	387
TENN.	4	.....	121	18
VA.	2	2	2,600	151
WIS.	3	7	6,510	426
Total	536	7,647	7,483,295	412,699

Keep your eye on the index.

Different Colored Corn.

The corn crop of the year 1917 is placed at 3,159,494,000 bushels, and it is divided into colors, as per table presented herewith. The figuring, of course is in bushels. It will be noticed that Illinois produces the most white corn, Iowa the most yellow corn, and Iowa the most mixed corn:

State.	White, Bushels.	Yellow, Bushels.	Mixed, Bushels.
ALA...	56,356,000	8,492,000	12,352,000
ARIZ...	458,000	346,000	60,000
ARK...	42,336,000	12,768,000	12,096,000
CALIF...	1,440,000	864,000	96,000
COLO...	4,043,000	3,618,000	2,979,000
CONN...	1,017,000	3,343,000	485,000
DEL...	2,737,000	4,223,000	860,000
FLA...	11,387,000	1,110,000	1,387,000
GA...	57,600,000	6,480,000	7,920,000
IDA...	273,000	273,000	136,000
ILL...	154,660,000	213,180,000	50,160,000
IND...	61,031,000	115,958,000	26,447,000
IOWA...	114,996,000	229,992,000	65,712,000
KAS...	56,401,000	42,301,000	29,482,000
KY...	81,081,000	27,027,000	14,742,000
LA...	19,433,000	11,829,000	10,984,000
ME...	000	780,000	000
MD...	10,951,000	14,040,000	3,080,000
MASS...	281,000	2,329,000	196,000
MICH...	9,782,000	21,823,000	6,020,000
MINN...	26,100,000	48,600,000	15,300,000
MISS...	60,516,000	10,086,000	13,448,000
MO...	93,240,000	118,440,000	40,320,000
MONT...	263,000	364,000	385,000
NEB...	94,802,000	107,277,000	47,401,000
NEV...	55,000	5,000	000
N. H...	109,000	939,000	44,000
N. J...	1,916,000	6,002,000	4,853,000
N. M...	1,292,000	1,020,000	1,088,000
N. Y...	6,510,000	15,364,000	4,166,000
N. C...	43,200,000	6,600,000	10,200,000
N. D...	1,690,000	1,434,000	2,177,000
OHIO...	31,521,000	96,064,000	22,515,000
OKLA...	12,597,000	9,945,000	10,608,000
ORE...	378,000	630,000	252,000
PENN...	12,442,000	38,572,000	11,198,000
R. I...	382,000	109,000	55,000
S. C...	34,279,000	6,152,000	3,516,000
S. D...	33,031,000	50,518,000	13,601,000
TENN...	80,028,000	15,561,000	15,561,000
TEXAS...	31,908,000	24,904,000	21,013,000
UTAH...	275,000	170,000	55,000
VT...	634,000	1,904,000	000
VA...	48,424,000	15,901,000	7,950,000
WASH...	486,000	834,000	197,000
W. VA...	9,258,000	13,010,000	2,752,000
WIS...	13,081,000	18,988,000	10,127,000
WYO...	191,000	112,000	357,000
U. S...	1,324,871,000	1,330,281,000	504,342,000

ORANGES, LEMONS AND (POMELOES) GRAPE FRUIT.

The following memorandum from the report of the last census shows that California is the largest producer of oranges and lemons, and that Florida is the largest producer of (Pomeles) grape fruit.

State.	ORANGES.		LEMONS.		GRAPE FRUIT.	
	Farms.	Boxes.	Farms.	Boxes.	Farms.	Boxes.
ALA.	560	1201	132	65	153	290
ARIZ.	336	32247	99	1010	64	820
ARK.	40	1	56	3		
CAL.	19074	14436180	8449	2756221	1876	122515
FLA.	16769	4852967	498	12367	7662	1061537
GA.	215	210	42	2	243	361
LA.	3231	149979	261	303	87	1781
MISS.	550	3779	141	31	182	1368
N. M.	3	12				
N. C.	51	21	55	7		
S. C.	80	177	51	66	21	88
TENN.	43	1	55	6		
TEX.	3054	10694	666	224	403	488
VA.	16	12	52	8	9	1
Total.	44022		10557		6172	
Total.		19487481		2770313		11189250

Increased production will win the war, and nothing else will do it.

Sweet Potatoes, 1915-1916.

The sweet potato crop of 1914 was 56,574,000 bushels; of 1915 it was 75,639,000 bushels; and in 1916 the crop was 70,955,00 bushels. The area in 1914 was 603,000 acres; in 1915 the area was 731,000 acres; and in 1916 the ground devoted to raising sweet potatoes was 774,000 acre.

State.	1915.		1916.	
	Yield Per Acre.	Pro-duction.	Yield Per Acre.	Pro-duction.
ALA...	90	7,200,000	94	6,290,000
ARK...	130	3,900,000	71	3,185,000
CAL...	135	810,000	160	960,000
DEL...	135	675,000	125	625,000
FLA...	112	2,570,000	100	2,500,000
GA...	85	8,075,000	80	7,520,000
ILL...	110	880,000	90	720,000
IND...	104	208,000	100	300,000
IOWA...	95	285,000	91	273,000
KAS...	110	440,000	92	368,000
KY...	105	1,050,000	90	900,000
LA...	92	5,980,000	90	5,760,000
MD...	130	1,040,000	126	1,134,000
MISS...	110	8,250,000	82	6,314,000
MO...	100	700,000	70	490,000
N. J...	155	3,565,000	100	2,300,000
N. C...	105	8,925,000	107	9,309,000
OHIO...	95	95,000	99	99,000
OKLA...	115	1,380,000	74	962,000
PENN...	105	105,000	100	100,000
S. C...	105	6,825,000	86	5,676,000
TENN...	115	2,835,000	100	2,700,000
VA...	110	3,740,000	130	5,070,000
W. VA...	110	220,000	140	280,000
U. S...	103.5	75,639,000	91.7	70,955,000

SWEET POTATOES—1917.

The 1917 crop of sweet potatoes, as estimated by the United States Department of Agriculture, is a large crop. Georgia shows largely increased production, and the general average per acre is much the same as in 1916. The acreage increased from 774,000 in 1916 to 953,000 acres in 1917.

State.	Planted		Yield		Production.	
	Acres.	Per Acre.	Per Acre.	Per Acre.	Per Acre.	Per Acre.
ALA.	178,000	90.0			16,020,000	
ARK.	40,000	110.0			4,400,000	
CALIF.	6,000	167.0			1,002,000	
DEL.	5,000	112.0			560,000	
FLA.	35,000	100.0			3,500,000	
GA.	125,000	93.0			11,625,000	
ILL.	8,000	97.0			776,000	
IND.	3,000	106.0			318,000	
IOWA.	3,000	90.0			270,000	
KAS.	4,000	92.0			368,000	
KY.	12,000	95.0			1,140,000	
LA.	62,000	79.0			4,898,000	
MD.	10,000	118.0			1,180,000	
MISS.	85,000	65.0			5,525,000	
MO.	8,000	112.0			896,000	
N. J.	24,000	120.0			2,880,000	
N. M.	2,000	118.0			236,000	
N. C.	90,000	95.0			8,550,000	
OHIO.	1,000	95.0			95,000	
OKLA.	15,000	90.0			1,350,000	
PENN.	1,000	110.0			110,000	
S. C.	80,000	95.0			7,600,000	
TENN.	30,000	95.0			2,850,000	
TEXAS.	84,000	78.0			6,552,000	
VA.	40,000	104.0			4,160,000	
W. VA.	2,000	140.0			280,000	
U. S.	953,000	91.4			87,141,000	

THE ORANGE RESULTS—1917.

Here we have a table showing the results in orange growing in Florida and California. The relative importance of California and Florida as orange-growing states can be ascertained from this table:

State.	1915.		1916.		1917.	
	Farms.	Boxes.	Farms.	Boxes.	Farms.	Boxes.
FLA.	6,150,000	6,933,000	6,933,000	4,200,000		
CALIF.	15,050,000	17,500,000	17,500,000	8,632,000		
Total.	21,200,000	24,433,000	24,433,000	12,832,000		

Milo Maize and Kafir Corn.

These crops have seldom been enumerated. They are in one class. In 1899 the census reported 266,513 acres devoted to the production of these crops and resulting in a production of 5,169,113 bushels. In 1909 the acreage was increased to 1,635,153 and the production to 17,597,305 bushels.

State.	Acreage, 1899.	Acreage, 1909.	Bush-els, 1899.	Bush-els, 1909.
ALA....	4	140	90	1,716
ARIZ....	1	801	50	18,739
ARK....	109	1,294	1,722	15,284
CALIF..	20,218	41,308	420,452	938,049
COLO....	18	11,971	302	139,234
CONN....		4		105
DEL....	2	1	65	25
FLA....		16		422
GA....	26	15	369	237
IDAHO..		9		140
ILL....	34	415	808	7,739
IND....	3	179	37	3,021
IOWA..	66	142	1,408	3,881
KAS....	154,706	388,495	3,063,781	5,115,415
KY....		190		2,404
LA....		213		2,132
MAINE..				238
MD....	1	19	6	1,317
MASS....		21		1,786
MICH....		84		3,335
MINN....	43	75	1,096	794
MISS....	9	44	277	228,386
MO....	1,990	13,543	38,497	1,253
MONT....		53		20,212
NEB....	742	2,016	13,607	385
NEV....		15		350
N. H....		23		1,436
N. J....		76		543,350
N. M....	138	63,570	4,473	5,082
N. Y....		227		589
N. C....	2	65	8	444
N. D....	25	23	375	1,920
OHIO..	12	82	90	4,658,752
OKLA..	65,418	532,515	1,136,772	617
ORE....	4	24	134	5,129
PENN....	1	283	14	135
R. I....				1,411
S. C....		8		1,539
S. D....	21	139	280	257
TENN....	10	119	256	5,860,444
TEXAS..	22,813	573,384	482,096	
UTAH....				1,438
VT....				47
VA....	9	80	170	467
WASH....				8,106
W. VA..		26		410
WIS....	88	425	1,877	
WYO....		17		

Total. 266,513 1,635,153 5,169,113 17,597,305

KAFIR-CORN REPORT.

The following is an Agricultural Department estimate of the Kafir corn produced in the years 1915, 1916 and 1917:

State.	1915.	1916.	1917.
KAS....	35,100,000	13,320,000	31,890,000
TEXAS..	40,000,000	26,400,000	14,766,000
OKLA..	30,930,000	7,798,000	22,400,000
COLO....	1,650,000	700,000	1,320,000
N. M....	5,400,000	3,960,000	3,510,000
ARIZ....	1,360,000	1,680,000	1,980,000
U. S....	114,460,000	53,858,000	75,866,000

Nebraska has now over 3,000,000 acres in fall wheat, but decreased 510,000 acres, compared with the previous year.

In the planting of fall wheat, the state of Washington harvested 754,000 acres in 1916 and reduced to 422,000 acres in 1917.

Timothy, Clover and Millets.

This is a basic table from the last census, showing the amount of timothy hay, timothy and clover mixed, also straight clover and the millets (including Hungarian grass) grown in the United States in a normal year, as follows:

State.	Timothy, Tons.	Mixed, Tons.	Clover, Tons.	Millets, Tons.
ALA....	4,566	4,169	7,544	15,228
ARIZ....	182	289	119	791
ARK....	35,113	72,190	18,369	14,652
CAL....	20,001	73,183	20,836	2,688
COLO....	33,482	84,636	3,695	35,263
CONN....	82,083	147,896	2,562	4,510
DEL....	22,588	31,387	27,467	1,081
D. C....	287	328	15	4
FLA....	747	1,201	1,618	936
GA....	3,237	4,153	2,266	3,985
IDA....	140,134	99,884	20,944	1,071
ILL....	1,947,572	1,123,254	539,790	46,918
IND....	1,442,218	524,385	314,818	25,147
IA....	1,952,956	3,732,186	195,579	54,346
KAS....	144,536	357,159	79,144	290,661
KY....	353,239	204,865	80,688	35,951
LA....	1,331	4,597	15,287	858
ME....	143,855	559,293	5,753	16,793
MD....	159,690	215,052	32,942	2,819
MASS....	153,622	249,317	3,145	15,276
MICH....	929,165	1,991,618	216,862	16,349
MINN....	1,101,510	1,433,075	106,334	50,383
MISS....	1,620	2,604	12,000	2,390
MO....	1,334,556	1,630,211	309,209	141,626
MONT....	171,030	156,039	24,094	4,712
NEB....	133,729	470,764	46,648	160,681
NEV....	21,395	26,157	120	467
N. H....	83,412	203,106	3,292	9,231
N. J....	115,700	236,490	9,475	1,921
N. M....	3,233	2,650	410	10,637
N. Y....	1,159,083	3,215,021	114,864	31,147
N. C....	16,011	39,050	39,445	3,529
N. D....	197,947	39,724	1,386	149,429
OHIO..	2,318,660	1,346,347	239,492	12,104
OKLA..	9,817	6,355	2,214	75,591
ORE....	67,239	129,278	83,909	1,690
PENN....	1,200,073	1,830,852	74,096	10,675
R. I....	21,892	28,292	295	1,392
S. C....	1,654	237	536	1,573
S. D....	248,927	218,371	4,194	65,844
TENN....	130,834	236,656	201,926	76,311
TEX....	916	468	878	95,352
UTAH....	34,214	24,115	1,295	876
VT....	179,847	623,098	6,640	13,667
VA....	169,381	366,744	63,056	14,580
WASH....	143,461	253,494	21,923	4,221
W. VA..	278,074	240,986	6,514	8,906
WIS....	1,110,446	2,177,311	193,786	9,851
WYO....	44,655	16,328	808	6,252
Total	17,985,420	24,748,555	3,158,324	1,546,533

KAFIR CROP OF 1917.

The kafir crop varies considerably one year with another. The crop of 1917 was largely in excess of the year 1916, but was very much below the yield of 1915.

State.	Planted, Acre.	Yield, Per Acre.	Production, Bushel.
KAS....	2,126,000	15.0	31,890,000
TEXAS..	1,284,000	11.5	14,766,000
OKLA..	1,400,000	16.0	22,400,000
COLO....	88,000	15.0	1,320,000
N. M....	193,000	18.0	3,510,000
ARIZ....	60,000	33.0	1,980,000
Total	5,153,000	14.7	75,866,000

Illinois made a creditable increase of 237 acres in wheat planting, autumn of 1917.

In the year 1917 there was an increase of a half a million dairy cows. Under present circumstances that is a remarkable increase.

Sugar Beets.

Although sugar beets are raised largely in a few states, it is proper to show the entire production, no matter how small it may be in some states. When the last census was taken, beets were produced on 35,682 farms, and the acreage devoted to sugar beet raising was 354,093. The production in tons was 3,932,857, of which 30,876 tons were used as root forage and 3,902,071 tons were used for the manufacture of beet sugar. This industry had made a tremendous increase in ten years. At the previous census 14,035 farms were producing beets, the acreage was 110,170, and the production was 793,353 pounds.

State.	1910.		Produc- tion, Tons.	Used as Forage.	Used For Sugar.
	Farms Porting.	Area, Acres.			
ALA.	12	18	43	43	.....
ARIZ.	67	4,413	49,630	6	49,624
ARK.	155	244	468	468	.....
CAL.	1,113	78,957	845,191	1,922	843,269
COL.	4,893	108,082	1,231,712	994	1,230,718
CONN.	.....	.....	.....	.....	.....
DEL.	8	3	25	25	.....
D. C.	.....	.....	.....	.....	.....
FLA.	.....	.....	.....	.....	.....
GA.	73	2	164	164	.....
IDA.	1,037	15,601	179,661	23	179,638
ILL.	293	1,181	14,981	65	14,916
IND.	109	756	7,194	646	6,548
IA.	247	1,051	7,117	155	6,962
KAS.	219	5,851	50,736	151	50,585
KY.	160	192	675	675	.....
LA.	3	1	15	15	.....
ME.	43	21	198	198	.....
MD.	8	5	81	81	.....
MASS.	65	74	742	742	.....
MICH.	14,690	78,779	707,639	649	706,990
MINN.	771	2,238	24,140	384	23,756
MISS.	30	19	69	69	.....
MO.	106	180	506	506	.....
MONT.	369	8,804	109,434	658	108,776
NEB.	327	4,191	39,874	118	39,756
NEV.	1	3	36	36	.....
N. H.	.....	.....	.....	.....	.....
N. J.	28	35	125	125	.....
N. M.	29	56	529	529	.....
N. Y.	376	1,313	239	72	167
N. C.	32	39	10,990	930	10,060
N. D.	4	3	85	85	.....
OHIO	1,129	7,036	59	59	.....
OKLA.	101	207	63,696	150	63,546
ORE.	208	1,176	359	359	.....
PENN.	71	57	15,606	9,093	6,513
R. I.	2	3	800	800	.....
S. C.	37	52	3	3	.....
S. D.	9	5	95	95	.....
TENN.	123	167	28	28	.....
TEX.	161	293	429	429	.....
UTAH	3,644	27,472	611	611	.....
VT.	11	5	413,946	135	413,811
VA.	36	20	46	46	.....
WASH.	381	1,820	94	94	.....
W. VA.	10	.....	13,794	7,238	6,556
WIS.	4,341	12,379	45	45	.....
WYO.	136	1,207	127,526	880	126,646
			13,418	184	13,234

Total 35,682 364,093 3,932,857 30,786 3,902,071
1900. 14,035 110,170 793,353

In the early summer of 1852 Tom C. Ponting, of Moweaqua, Ill., went to Texas on horseback and bought 800 steers there, which he drove home and fed, the drive occupying one year. He afterwards shipped them from Muncie, Ind., to New York.

American plows demonstrated their superiority over English plows at Hounslow, England, during the First International Exposition in 1851.

Sugar From Sugar Beets.

In considering the status of the sugar beet industry we find that the average size of a sugar beet acreage on a farm is 10.2 acres, although in some states it is much larger; the yield per acre averaged 10.80 tons, the value per ton averaged \$5.06, the average value per acre was \$54.60, and the total value of the crop was \$19,880,724. Ten years previous the average acreage per farm was 7.8, the average yield per acre was 7.20 tons, the value per ton was \$4.19, the value per acre was \$36.16, the total value of that crop was \$3,323,240. The entire Colorado sugar beet industry appears to have grown between 1900 and 1910.

State.	1909.		Value Per Ton.	Value Per Acre.	Value of Crop.
	Aver- age Acres.	Yield Per Tons.			
ALA.	1.5	2.39	\$ 9.19	\$ 21.94	\$ 395
ARIZ.	6.63	11.17	4.78	53.34	236,997
ARK.	1.6	1.92	8.43	16.17	3,945
CALIF.	70.9	10.70	5.11	54.72	4,320,532
COLO.	2.21	11.40	4.92	56.08	6,061,132
CONN.	.....	.....	.....	.....	.....
DEL.	1.0	8.33	7.44	62.00	186
D. C.	.....	.....	.....	.....	.....
FLA.	1.0	1.50	20.00	30.00	60
GA.	0.7	3.35	8.45	28.27	1,385
IDAHO	15.0	11.52	4.53	52.15	813,604
ILL.	4.0	12.69	5.19	65.82	77,732
IND.	6.9	9.52	5.68	54.05	40,861
IOWA.	4.3	6.77	4.92	33.32	35,024
KAS.	27.9	8.67	5.05	43.80	256,262
KY.	1.2	3.52	5.84	20.52	3,939
LA.	0.3	15.00	16.00	240.00	240
MAINE.	0.5	9.43	9.16	86.38	1,814
MD.	0.6	16.20	6.68	108.20	541
MASS.	1.1	10.03	12.49	123.26	9,269
MICH.	5.1	8.98	5.67	50.95	4,014,123
MINN.	2.9	10.79	4.91	53.00	118,623
MISS.	0.6	3.63	9.42	34.21	650
MO.	1.7	2.81	5.74	16.14	2,905
MONT.	23.9	12.43	5.00	62.11	546,832
NEB.	12.8	9.51	4.52	43.01	180,247
NEV.	0.8	12.00	5.53	66.33	199
N. H.	1.0	41.67	8.04	335.00	1,005
N. J.	1.3	14.69	4.94	72.64	2,615
N. M.	1.9	4.35	6.24	27.13	1,492
N. Y.	3.5	8.37	5.39	45.09	59,200
N. C.	1.2	2.18	7.46	16.26	634
N. D.	0.8	19.67	6.27	123.33	370
OHIO.	6.2	9.05	5.02	45.43	319,667
OKLA.	2.0	1.73	7.56	13.12	2,715
ORE.	5.7	13.27	4.80	63.69	74,902
PENN.	0.8	14.04	7.28	102.21	5,826
R. I.	1.5	1.90	13.33	13.33	40
S. C.	1.4	1.83	12.51	22.85	1,188
S. D.	0.6	5.60	5.86	32.80	164
TENN.	1.4	2.57	6.55	16.83	2,810
TEXAS.	1.8	2.09	9.69	20.20	5,919
UTAH.	7.5	15.07	4.49	67.65	1,858,600
VT.	0.5	9.20	7.00	64.40	322
VA.	0.6	4.70	9.26	43.50	870
WASH.	4.8	7.58	6.23	47.23	85,954
W. VA.	.....	.....	7.31	.....	329
WIS.	2.9	10.30	5.23	53.90	667,185
WYO.	8.9	11.12	4.58	50.87	61,398

Average 10.2 10.80 \$ 5.06 \$ 54.60 \$19,880,724

If you are unable to find what you desire in AGRICULTURAL STATISTICS, turn to the index. You may find it there.

It was The National Farmer and Stock Grower of St. Louis, Mo., that originated the movement whereby so many farmers are now raising their own pure-bred seed corn.

The Crop of Sorghum Cane.

In the year 1909—the season the last census was based upon—445,684 farms grew sorghum cane, which was seven per cent. of all farms. The total production was 1,647,262 tons, grown upon 444,089 acres. Of the total production 270,775 tons were used as coarse forage and 1,376,487 ton were worked into sorghum syrup. The value of sorghum cane increased from \$3.20 in 1899 to \$6.18 in 1909.

1909.

State.	Farms Reporting.	Area, Acres.	Forage, Tons.	Syrup, Tons.	Yield Per Acre, Tons.
ALA...	24,543	17,819	4,799	67,589	4.06
ARIZ...	122	586	1,122	329	2.48
ARK...	31,952	33,071	10,082	83,041	2.82
CALIF.	48	647	2,833	188	4.67
COLO...	324	3,169	6,987	174	2.26
CONN.	17	9	121	13,44	
DEL...	117	66	6	266	4.12
D. C.					
FLA...	212	379	159	2,014	5.73
GA...	22,098	15,612	4,134	60,202	4.12
IDA...	14	29	229	24	8.72
ILL...	21,971	15,039	8,666	89,421	6.00
IND...	22,116	12,253	2,072	77,600	6.50
IOWA...	5,361	6,225	4,360	24,597	4.65
KAN...	2,954	15,406	26,377	34,444	3.95
KY...	57,185	62,327	27,899	198,404	3.63
LA...	1,929	1,690	1,388	4,685	3.59
ME...	3	3	97	12,13	
MD...	72	75	66	209	3.67
MASS.	1	3	30	10,00	
MICH.	1,251	416	608	2,157	6.65
MINN.	3,677	1,709	396	12,837	7.75
MISS.	19,312	17,351	5,032	50,327	3.10
MO...	42,230	15,088	24,441	176,765	4.46
MONT.	9	17	19	18	2.18
NEB...	782	4,034	9,254	1,233	2.60
NEV...	12	14		100	7.14
N. H.					
N. J.	3		2	3	
N. M.	422	2,371	2,379	440	1.19
N. Y.	56	143	621	20	4.48
N. C.	41,620	21,327	1,709	84,753	4.07
N. D.	8	26	122	6	4.92
OHIO.	11,900	4,709	507	28,137	6.08
OKLA.	10,738	25,546	29,404	35,195	2.53
ORE...	85	153	1,654	133	11.68
PENN.	121	90	100	206	3.40
R. I.					
S. C.	10,892	8,445	5,241	22,371	3.27
S. D.	91	297	654	197	2.87
TENN.	47,130	52,907	22,573	183,328	3.89
TEX.	24,872	55,027	70,789	30,902	1.85
UTAH.	153	340	27	1,627	4.86
VT...	1	2	4		2.00
VA...	16,808	8,288	574	40,875	5.00
WASH.	35	66	695	71	11.61
W. VA.	16,720	8,607	3	48,091	5.59
WIS...	5,436	2,281	237	13,498	6.02
WYO...	4	22	103		4.68
Total.	445,684	444,089	270,775	1,376,487	3.71

We have gone back to the last census to obtain basic tables of fruit and nut productions. Whenever you think of these matters, be sure to refer to the productions of the census year. An actual count is only taken once in ten years.

Start your advertising campaign with the NATIONAL FARMER and STOCK GROWER of St. Louis, and you will start it well. It will not use up your appropriation; therefore you will be able to use a few other mediums.

A European grape successfully cultivated around Missions, in California, in 1851, is now known as the "Mission Grape."

Sorghum Syrup.

This tabulated statement shows the farm production of sorghum syrup for four different census years, ten years apart, showing quite a decrease in sorghum syrup making. In 1879 the amount of sorghum syrup made was 28,444,202 gallons, and thirty years later the production is only 16,532,382 gallons. The year 1909 was a bad weather year for sorghum, reducing the average of 6.52 tons per acre in 1899 to 3.71 tons per acre in 1909.

SORGHUM SYRUP MADE ON FARMS—GALLONS.

State.	1879.	1889.	1899.	1909.
ALA...	1,163,451	1,242,689	1,168,868	809,361
ARIZ...	5,771	4,808	9,031	3,967
ARK...	1,118,364	1,868,952	1,223,691	1,140,532
CALIF.	2,459	1,670	8,671	4,330
COLO...	3,227	19,964	2,661	2,547
CONN.	1,163	214		
DEL...	25,136	3,371	8,952	4,517
D. C.				
FLA...	10,199	10,461		22,177
GA...	981,152	1,342,803	767,024	740,450
IDA...	36	3,093	1,393	407
ILL...	2,265,993	1,110,183	625,939	977,238
IND...	1,741,853	751,808	579,061	965,086
IOWA...	2,064,020	1,386,605	521,212	250,205
KAN...	1,129,176	1,484,937	735,787	260,680
KY...	2,962,965	2,094,962	1,277,206	2,733,683
LA...	33,777	107,763	48,727	47,029
ME...		152		
MD...	19,837	4,732	4,058	1,782
MASS.	18	45		
MICH.	103,500	45,534	24,059	21,350
MINN.	513,369	340,792	157,605	145,934
MISS.	1,062,140	972,216	1,162,269	632,556
MO...	4,129,595	2,721,240	1,990,987	1,788,391
MONT.		100		223
NEB...	246,047	634,146	92,413	14,644
NEV...	350	50	1,465	1,266
N. H.				
N. J.	1,261	281	450	35
N. M.	251	3,510	2,812	5,289
N. Y.	1,134	8,305	973	14
N. C.	964,662	1,268,946	1,419,570	1,099,346
N. D.	17,012	10	114	102
OHIO.	1,229,852	547,630	341,523	354,131
OKLA.		31,299	179,272	514,807
ORE...	2,283	2,706	2,473	1,374
PENN.	69,767	33,708	6,514	2,585
R. I.				
S. C.	281,242	559,216	478,190	262,452
S. D.	16,000	29,872	9,859	2,030
TENN.	3,776,212	2,542,533	2,047,655	2,076,339
TEX...	432,059	1,749,910	877,232	448,135
UTAH.	58,221	24,293	28,017	21,847
VT...				
VA...	564,558	546,328	555,321	441,189
WASH.	1,472	1,125	438	634
W. VA.	817,168	512,747	450,777	604,201
WIS...	314,150	219,070	160,414	139,667
WYO...		120		
Total.	28,444,202		16,972,783	
Total.		24,235,219		16,532,382

Grain Sorghums.

Herewith is an Agricultural Department memorandum relating to the production of grain sorghums, showing production of 1916 and estimate for 1917. The acreage planted in 1917 is 28.4 per cent. greater than in 1916 and the largest increase in acreage of 1916 is in Kansas.

State.	1915.	1916.	1917.	Total
Production, Bushels.	Production, Bushels.	Planted Acreage.	Forecast, Bushels.	
KAS.	35,100,000	12,000,000	1,850,000	29,230,000
OKL.	30,950,000	8,000,000	1,396,000	29,316,000
TEX.	40,000,000	24,000,000	1,284,000	26,964,000
COL.	1,650,000	700,000	88,000	1,813,000
N. M.	5,400,000	3,960,000	216,000	5,141,000
ARIZ.	1,360,000	1,680,000	60,000	2,052,000
Total	114,460,000	50,340,000	4,894,000	94,516,000

Production of Dry Peas.

In the year 1899 there were 417,-864 farms producing dry peas (very largely known as cowpeas, black-eyed peas, etc.), and ten years later the farms producing was reduced to 261,-231. The crop also was reduced from 9,440,210 bushels in 1899 to 7,129,294 bushels in 1909. Cowpeas are often grown on the same land as other crops, therefore the acreage figures are only estimates. As between these two census years there appears to be a great falling off in number of Southern farms growing cowpeas. The inference is that these legume crops are largely turned under as green manure.

State.	1899. Acre- age.	1899. Bushels.	1909. Farms.	1909. Acre- age.	1909. Bushels.
ALA.	91,126	665,388	26,905	85,034	418,007
ARIZ.	50	866	15	13	93
ARK.	31,413	215,894	13,821	52,730	229,444
CAL.	2,014	57,299	262	2,959	57,468
COLO.	3,621	47,461	832	24,230	258,281
CONN.	29	462	18	4	72
DEL.	518	4,650	523	1,615	12,521
D. C.					
FLA.	17,875	159,814	2,642	7,144	56,713
G.A.	167,032	1,130,441	34,716	210,315	736,009
IDA.	170	2,506	59	234	4,875
ILL.	12,982	103,386	4,534	14,076	185,020
IND.	533	7,357	1,652	13,082	88,254
IA.	1,556	27,606	183	731	9,007
KAS.	151	2,006	114	825	5,235
KY.	8,394	83,089	1,732	8,465	44,772
LA.	15,190	146,298	6,330	33,150	161,659
ME.	3,300	35,991	1,939	537	4,963
MD.	947	12,459	350	742	5,603
MASS.	122	2,259	58	30	480
MIC.	71,376	1,134,431	18,128	94,932	1,162,403
MINN.	670	9,021	530	835	14,964
MISS.	39,490	590,037	20,021	73,090	285,768
MO.	5,319	54,763	3,462	23,036	109,357
MONT.	1,512	32,265	180	1,184	21,670
NEB.	126	1,586	26	26	169
NEV.	4	85			
N. H.	146	1,533	234	122	934
N. J.	45	806	43	91	883
N. M.	2,220	28,071	1,453	2,485	30,829
N. Y.	14,748	251,889	1,661	4,007	71,486
N. C.	88,407	876,167	39,726	169,934	651,567
N. D.	84	710	103	399	5,543
OHIO	506	7,521	132	323	3,041
OKLA.	455	5,049	1,612	6,245	33,282
PENN.	482	6,363	128	87	989
ORE.	1,304	22,615	155	436	9,344
R. I.	45	910	18	4	73
S. C.	143,070	1,162,705	35,660	265,632	711,853
S. D.	37	852	89	1,793	10,596
TEN.	82,841	760,663	10,175	36,640	133,924
TEX.	33,974	393,462	10,296	46,777	254,361
UTAH.	143	2,694	55	126	3,222
VT.	408	6,945	121	127	1,262
VA.	22,206	219,142	4,462	12,091	66,488
WASH.	357	91,899	915	3,196	91,032
W. VA.	323	3,613	93	232	1,490
WIS.	68,817	1,098,819	15,950	78,017	1,165,055
WYO.	13	232	18	326	9,231
Total.	968,370		261,231		7,129,294
Total.		9,440,210		1,305,099	

The Yield of Flaxseed, 1916.

State.	Yield, Acre, Bushels.	Pro- duction, Bushels.	Acre- age Planted.	Pro- duction, Bushels.
COLO.	9.6	6,000	3,000	25,000
IOWA.	10.0	180,000	19,000	210,000
KAS.	5.8	174,000	34,000	248,000
MINN.	8.5	2,338,000	289,000	2,751,000
MO.	7.0	35,000	6,000	56,000
MONT.	9.5	3,088,000	422,000	1,924,000
NEB.	8.0	32,000	5,000	41,000
N. D.	10.3	8,137,000	964,000	4,643,000
S. D.	9.3	1,395,000	195,000	1,418,000
WIS.	12.0	60,000		
WYO.	7.0	14,000	2,000	19,000
U. S.	9.6	15,459,000	1,939,000	11,335,000

Production of Edible Beans.

Growing edible beans, such as navy beans, is largely confined to three states, but all states grow some. In 1899 Florida produced 176,304 bushels, but ten years later the production was only 31,835 bushels. The state of Maine also decreased from 137,290 bushels to 87,565 bushels. On the other hand, New Mexico, Colorado, Idaho, Minnesota and Wisconsin made good gains.

State.	1899. Acre- age.	1899. Bushels.	1909. Farms.	1909. Acre- age.	1909. Bushels.
ALA.	1,765	17,865	647	1,557	15,212
ARIZ.	805	6,673	776	2,301	18,457
ARK.	1,490	15,582	538	819	4,080
CAL.	45,861	658,515	3,054	157,987	3,328,218
COLO.	2,634	28,570	1,387	5,040	53,926
CONN.	341	6,428	717	208	2,845
DEL.	100	1,333	102	55	648
D. C.					
FLA.	9,189	176,304	424	2,647	31,835
G.A.	1,927	17,489	1,329	2,947	16,546
IDA.	457	5,886	293	1,915	33,816
ILL.	3,451	30,122	627	1,153	6,666
IND.	3,999	30,171	1,982	1,721	15,232
IA.	2,427	24,903	973	615	5,699
KAS.	848	7,284	58	70	686
KY.	5,633	49,106	14,248	12,434	70,557
LA.	335	3,371	78	311	5,557
ME.	10,252	137,290	15,788	10,341	87,565
MD.	605	4,754	312	196	1,833
MASS.	629	7,939	1,252	446	4,979
MIC.	167,025	1,806,413	55,466	403,669	5,282,511
MINN.	3,290	36,317	4,587	4,697	62,822
MISS.	1,149	11,162	351	1,092	8,727
MO.	4,376	45,467	2,391	1,281	9,385
MONT.	101	1,110	140	342	2,958
NEB.	887	7,669	784	1,173	5,941
NEV.	33	536	15	14	322
N. H.	2,892	29,990	5,523	3,180	22,546
N. J.	201	2,888	291	401	2,947
N. M.	3,349	36,022	4,593	20,766	85,795
N. Y.	129,998	1,360,445	29,181	115,698	1,681,606
N. C.	5,381	49,518	6,574	5,621	35,937
N. D.	5,381	2,389	394	5,4	5,073
OHIO	1,828	19,042	2,108	1,139	13,665
OKLA.	755	6,130	224	575	2,520
ORE.	841	11,077	675	562	8,032
PENN.	2,182	23,957	3,326	1,269	12,021
R. I.	216	3,330	252	54	817
S. C.	1,657	14,925	517	1,528	6,825
S. D.	397	4,218	659	809	5,285
TENN.	5,563	48,736	5,312	3,398	19,526
TEX.	2,878	28,129	607	1,846	12,895
UTAH.	176	1,806	208	196	3,352
VT.	2,404	27,172	2,732	2,390	26,359
VA.	6,411	56,189	7,660	4,777	29,435
WASH.	296	3,830	266	353	3,311
W. VA.	5,221	52,815	8,626	8,111	39,794
WIS.	12,989	143,182	5,656	14,574	154,570
WYO.	26	285	211	273	1,876
Total	453,841		185,934		11,251,160
Total		5,064,490		802,991	

FLAX SEED CROP—1917.

In 1917 the acreage was large, compared with former years, but the crop was small. It was practically a third of a crop, and entirely due to adverse conditions, which farmers could not overcome.

Flax Seed State.	Planted Acres.	Per Acre.	Produc- tion, Bushels.
COLO.	2,000	7.0	14,000
IOWA.	12,000	11.0	132,000
MINN.	34,000	7.0	238,000
MO.	220,000	9.0	1,980,000
NEB.	6,000	8.5	51,000
MONT.	422,000	3.0	1,266,000
NEV.	5,000	5.5	28,000
N. D.	965,000	3.9	3,764,000
S. D.	140,000	7.0	980,000
WYO.	3,000	6.5	20,000
U. S.	1,809,000	4.7	8,473,000

Wheat and rye now planted are subjects of two interesting tables in this publication.

Broom Corn Production.

In the year 1879 broom corn production was 29,470,825 pounds, and Illinois grew 11,645,101 pounds and Kansas came next with 5,683,018 pounds. In 1889 production was 38,556,329 pounds. Illinois produced 15,932,502 pounds, Kansas following with 10,809,434 pounds and Nebraska next with 6,514,763 pounds. In 1899 production was 90,947,370 pounds. Illinois produced 60,665,520 pounds, Kansas 11,813,310 pounds and Oklahoma 3,565,310 pounds. In the year 1909 total production was 78,959,958 pounds. Oklahoma produced 42,741,725 pounds, Illinois next with 19,309,425 pounds, and Kansas next with 8,768,853 pounds. We herewith present statement of production by states the last census year.

State.	1910.		Production, Pounds.	Value, Dollars.
	Farms Re- port- ing.	Acreage.		
ALA.	145	52	17,910	1,562
ARIZ.	1	14	6,000	400
ARK.	294	332	106,576	8,198
CAL.	24	1,023	614,250	32,500
COLO.	240	5,631	1,187,791	71,717
CONN.	2	.....	150	14
DEL.	21	13	4,198	492
GA.	8	22	7,067	694
ILL.	1,851	38,452	19,309,425	1,457,172
IND.	335	323	153,259	13,461
IA.	49	156	75,370	6,670
KAS.	1,728	41,064	8,768,853	593,947
KY.	1,041	342	157,286	13,647
LA.	263	320	92,208	7,285
MD.	291	19	18,599	2,006
MASS.	2	2	2,160	168
MICH.	9	4	2,200	233
MINN.	13	13	10,259	738
MISS.	43	154	60,574	5,548
MO.	1,225	5,339	1,174,536	115,243
NEB.	51	458	157,146	11,116
N. J.	10	11	6,760	658
N. M.	368	4,470	644,892	33,492
N. Y.	10	2	1,001	97
N. C.	128	15	6,493	549
N. D.	3	17	7,250	725
OHIO.	383	170	92,292	9,110
OKLA.	10,151	216,350	42,741,725	2,559,235
PENN.	727	108	45,582	5,253
S. C.	3	2	650	63
S. D.	14	64	85,400	3,408
TENN.	2,220	1,348	347,064	27,733
TEX.	531	9,448	2,368,490	140,533
UTAH	1	.....	200	12
VA.	666	107	46,016	3,586
WASH.	5	183	45,040	2,905
W. VA.	397	45	30,456	3,229
WIS.	12	28	14,830	1,026
Total	23,238	326,102	78,959,958	5,134,434

BROOM CORN YIELD.

The following is the Agricultural Department yield of broom corn for the years 1915, 1916 and 1917:

State.	1915.	1916.	1917.
	Tons.	Tons.	Tons.
ILL.	6,672	6,681	8,250
KAS.	4,665	5,943	12,000
TEXAS.	1,595	847	688
OKLA.	34,760	22,420	26,250
COLO.	4,550	2,835	4,650
Total	52,242	38,726	51,838

California has made a remarkable record in growing beans—8,035,000 bushels in 1917, against 3,868,009 bushels in 1915.

BROOM CORN CROP OF 1917.

The five states growing broom corn produced 51,838 tons in the year 1897, of which Oklahoma produced more than half. Kansas also is becoming important in growing broom corn.

State.	Planted, Acres.	Yield Per Acre, Tons.	Production, Tons.
ILL.	30,000	0.275	8,250
KAS.	60,000	.200	12,000
TEXAS.	4,000	.172	688
OKLA.	175,000	.150	26,250
COLO.	30,000	.155	4,650
Total	299,000	0.173	51,838

Hops in the United States.

Hop growing in the United States is not a general industry, but the product has increased in value, so that the hop grower has a rich reward so long as it lasts. In 1879 the acreage was 46,800 and the production 26,546,378 pounds. In 1899 the acreage was 50,190 and the production was 39,152,220 pounds. In 1899 there were 7,633 farms reporting hop growing; the acreage was 56,613 and the production 49,209,704 pounds. In the year of the last census, 1909, only 3,957 farms reported growing hops; the acreage was reduced to 44,693 and the production was 40,718,748 pounds. The table compares the year 1899 with 1909.

State.	1899. Acre- age.	1909. Acre- age.	1899. Pro- duction.	1909. Pro- duction.
ALA.	1	2	440	100
ARIZ.	1	.....	600	.....
ARK.	1	.....	530	.....
CALIF.	6,890	8,391	10,124,660	11,994,953
CONN.	.....	.....	.....	15
DEL.	.....	1	.....	28
IDAHO.	63	.....	58,870	110
ILL.	2	.....	690	86
IND.	1	.....	640	56
IOWA.	.....	.....	120	2,625
KAS.	.....	.....	.....	10
KY.	4	6	1,688	4,005
LA.	.....	.....	.....	5
MD.	.....	7	230	461
MASS.	18	.....	7,480	20
MICH.	10	.....	3,560	53
MINN.	.....	.....	51	372
MISS.	.....	.....	15	.....
MO.	1	2	383	296
NEB.	.....	.....	50	104
NEV.	.....	.....	100	.....
N. H.	.....	.....	60	.....
N. J.	.....	.....	75	38
N. Y.	27,532	12,023	17,332,349	8,677,138
N. C.	.....	1	85	763
OHIO.	3	18	2,910	2,428
ORE.	15,433	21,770	14,675,557	16,582,562
PENN.	13	.....	13,710	2,203
R. I.	.....	.....	40	.....
S. D.	.....	.....	50	.....
TENN.	.....	.....	307	220
VT.	6	.....	4,400	.....
VA.	.....	6	165	4,039
WASH.	5,296	2,433	6,813,830	3,432,504
W. VA.	1	.....	662	237
WIS.	342	30	165,346	13,290
Total	55,613	44,693	49,209,704	40,718,748

HOPS, 1917.

State.	Planted, Acres.	Yield Per Acre.	Production, Pounds.
N. Y.	4,500	640	2,880,000
WASH.	3,500	1,200	4,200,000
ORE.	10,000	500	5,000,000
CALIF.	11,900	1,320	15,788,000
Total	29,900	9,294	27,788,000

LIVE STOCK ON FARMS.**Totals For Census Years and Showing Comparisons From Year to Year.**

These figures represent the number of horses, mules, dairy cows, stockers and beef cattle, sheep and swine, as shown by the Census of 1900 and 1910 and estimated since then by the United States Department of Agriculture:

Date.	Number.
-------	---------

DAIRY COWS IN THE U. S.	
Census, 1850...	6,385,094
Census, 1860...	8,585,735
Census, 1870...	8,935,332
Census, 1880...	12,443,120
Census, 1890...	16,511,950
Census, 1900...	17,139,674
Census, 1910...	20,625,000
Jan. 1, 1911...	20,823,000
Jan. 1, 1912...	20,699,000
Jan. 1, 1913...	20,497,000
Jan. 1, 1914...	20,737,000
Jan. 1, 1915...	21,262,000
Jan. 1, 1916...	21,988,000
Jan. 1, 1917...	22,768,000
Jan. 1, 1918...	23,284,000

STOCKERS AND BEEF CATTLE.

Census, 1850...	4,393,813
Census, 1860...	17,034,284
Census, 1870...	14,885,276
Census, 1880...	23,382,391
Census, 1890...	34,851,622
Census, 1900...	50,682,662
Census, 1910...	41,178,000
Jan. 1, 1911...	39,679,000
Jan. 1, 1912...	37,260,000
Jan. 1, 1913...	36,030,000
Jan. 1, 1914...	35,855,000
Jan. 1, 1915...	37,067,000
Jan. 1, 1916...	39,453,000
Jan. 1, 1917...	40,849,000
Jan. 1, 1918...	43,546,000

TOTAL CATTLE IN THE U. S.

Census, 1850...	10,778,907
Census, 1860...	25,620,019
Census, 1870...	23,820,608
Census, 1880...	35,825,511
Census, 1890...	51,363,572
Census, 1900...	67,822,336
Census, 1910...	61,803,000
Jan. 1, 1911...	60,502,000
Jan. 1, 1912...	57,959,000
Jan. 1, 1913...	56,527,000
Jan. 1, 1914...	56,592,000
Jan. 1, 1915...	58,329,000
Jan. 1, 1916...	61,441,000
Jan. 1, 1917...	63,617,000
Jan. 1, 1918...	66,830,000

SWINE IN THE U. S.

Census, 1850...	30,354,213
Census, 1860...	33,512,867
Census, 1870...	25,134,569

SWINE—Continued.

Census, 1880...	47,681,700
Census, 1890...	57,425,287
Census, 1900...	62,876,108
Census, 1910...	58,186,000
Jan. 1, 1911...	65,260,000
Jan. 1, 1912...	65,410,000
Jan. 1, 1913...	61,178,000
Jan. 1, 1914...	58,933,000
Jan. 1, 1915...	64,618,000
Jan. 1, 1916...	68,047,000
Jan. 1, 1917...	67,453,000
Jan. 1, 1918...	71,374,000

SHEEP IN THE U. S.

Census, 1850...	21,723,220
Census, 1860...	22,471,275
Census, 1870...	28,477,957
Census, 1880...	35,192,074
Census, 1890...	40,876,312
Census, 1890...	60,503,713
Census, 1910...	52,448,000
Jan. 1, 1911...	53,633,000
Jan. 1, 1912...	52,362,000
Jan. 1, 1913...	51,482,000
Jan. 1, 1914...	49,719,000
Jan. 1, 1915...	49,956,000
Jan. 1, 1916...	49,162,000
Jan. 1, 1917...	48,483,000
Jan. 1, 1918...	48,900,000

HORSES IN THE U. S.

Census, 1850...	4,336,719
Census, 1860...	6,249,174
Census, 1870...	7,145,370
Census, 1880...	10,357,488
Census, 1890...	15,258,783
Census, 1900...	18,250,000
Census, 1910...	19,833,000
Jan. 1, 1911...	20,277,000
Jan. 1, 1912...	20,509,000
Jan. 1, 1913...	20,567,000
Jan. 1, 1914...	20,962,000
Jan. 1, 1915...	21,195,000
Jan. 1, 1916...	21,166,000
Jan. 1, 1917...	21,126,000
Jan. 1, 1918...	21,563,000

MULES IN THE U. S.

Census, 1850...	559,331
Census, 1860...	1,151,148
Census, 1870...	1,215,415
Census, 1880...	1,812,808
Census, 1890...	2,314,785
Census, 1900...	3,271,121
Census, 1910...	4,210,000
Jan. 1, 1911...	4,323,000
Jan. 1, 1912...	4,362,000
Jan. 1, 1913...	4,386,000
Jan. 1, 1914...	4,419,000
Jan. 1, 1915...	4,479,000
Jan. 1, 1916...	4,565,000
Jan. 1, 1917...	4,639,000
Jan. 1, 1918...	4,824,000

Dairy Cows in the United States.

The tabulated statement herewith shows the total of dairy cows in each state at the time of the census of 1910 and the estimates of the Department of Agriculture since then. We are obliged to leave the table for 1917 standing, but the table for 1918 is given below. Dairy cows are increasing in a good, substantial manner.

State.	Census, 1910.	Estimate, 1916.
Alabama...	392,000	396,090
Arizona...	29,000	53,000
Arkansas...	426,000	402,000
California...	467,000	568,000
Colorado...	145,000	219,000
Connecticut...	123,000	119,000
Delaware...	36,000	42,000
Florida...	116,000	136,000
Georgia...	406,000	414,000
Idaho...	86,000	126,000
Illinois...	1,050,000	1,047,000
Indiana...	634,000	672,000
Iowa...	1,407,000	1,391,000
Kansas...	736,000	762,000
Kentucky...	410,000	406,000
Louisiana...	279,000	271,000
Maine...	157,000	159,000
Maryland...	167,000	181,000
Massachusetts...	172,000	155,000
Michigan...	767,000	847,000
Minnesota...	1,085,000	1,210,000
Mississippi...	430,000	447,000
Missouri...	856,000	837,000
Montana...	77,000	129,000
Nebraska...	614,000	650,000
Nevada...	17,000	25,000
N. Hampshire...	101,000	97,000
New Jersey...	154,000	152,000
New Mexico...	51,000	76,000
New York...	1,510,000	1,539,000
N. Carolina...	309,000	321,000
N. Dakota...	259,000	373,000
Ohio...	905,000	922,000
Oklahoma...	531,000	519,000
Oregon...	173,000	216,000
Pennsylvania...	934,000	971,000
Rhode Island...	23,000	22,000
S. Carolina...	181,000	189,000
S. Dakota...	370,000	485,000
Tennessee...	397,000	366,000
Texas...	1,014,000	1,119,000
Utah...	76,000	96,000
Vermont...	265,000	273,000
Virginia...	356,000	359,000
Washington...	186,000	263,000
W. Virginia...	240,000	241,000
Wisconsin...	1,473,000	1,675,000
Wyoming...	33,000	50,000
Total...	20,625,000	21,988,000
Total, 1917.....		22,768,000
Total, 1918.....		23,284,000

Dairy Cows—Increase and Decrease.

The tabulated statement herewith represents the estimate by the United States Department of Agriculture of the number of dairy cows in the United States on January 1st, 1917. As a matter of interest we have calculated the number gained and the number lost since the census enumeration of 1910. There is also the table for 1918.

State.	Dairy Cows.	Since 1910.	Since 1910.
		Increase.	Decrease.
ALA...	405,000	13,000	.....
ARIZ...	81,000	52,000	.....
ARK...	402,000	.....	24,000
CALIF...	591,000	124,000	.....
COLO...	237,000	92,000	.....
CONN...	121,000	.....	2,000
DEL...	43,000	7,000	.....
FLA...	141,000	25,000	.....
GA...	418,000	12,000	.....
IDA...	130,000	44,000	.....
ILL...	1,057,000	7,000	.....
IND...	706,000	72,000	.....
IOWA...	1,405,000	2,000	.....
KAS...	900,000	164,000	.....
KY...	418,000	8,000	.....
LA...	274,000	5,000	.....
ME...	162,000	5,000	.....
MD...	183,000	16,000	.....
MASS...	160,000	.....	12,000
MICH...	865,000	98,000	.....
MINN...	1,302,000	217,000	.....
MISS...	450,000	20,000	.....
MONT...	148,000	71,000	.....
MO...	845,000	.....	11,000
NEB...	676,000	62,000	.....
NEV...	26,000	9,000	.....
N. H...	97,000	.....	4,000
N. J...	155,000	1,000	.....
N. M...	85,000	34,000	.....
N. Y...	1,539,000	29,000	.....
N. C...	315,000	6,000	.....
N. D...	410,000	151,000	.....
OHIO...	950,000	45,000	.....
OKLA...	535,000	4,000	.....
ORE...	222,000	49,000	.....
PENN...	980,000	46,000	.....
R. I...	22,000	.....	1,000
S. C...	189,000	8,000	.....
S. D...	524,000	154,000	.....
TENN...	366,000	.....	31,000
TEX...	1,175,000	.....	161,000
UTAH...	91,000	15,000	.....
VT...	281,000	16,000	.....
VA...	373,000	17,000	.....
WASH...	263,000	77,000	.....
W. VA...	245,000	5,000	.....
WIS...	1,750,000	277,000	.....
WYO...	55,000	5,000	.....
U. S. 1917, 22,768,000; U. S. 1910, 20,625,000; increase, 2,143,000.			
U. S., 1918, 23,284,000; U. S. 1910, 20,625,000; increase, 2,659,000.			

The first trotting sulky without springs was built for Flora Temple in 1852. The weight was about ninety pounds.

Large importations of Andalusian jacks were made by Leonard Bros., of Mount Leonard, Mo., in 1852.

Other and Beef Cattle.

The following tabulated statement includes all cattle in the United States that are not dairy cows, practically beef cows, calves, yearlings and steers. Our enumeration by states includes the number counted by the census of 1910 and the other for 1916 is an estimate by the United States Department of Agriculture. Other cattle decreased from 41,178,000 head in 1910 to 39,453,000 head in 1916, a loss of 1,725,000 head, which is in part offset by a gain in dairy cows. We also give totals for 1917 and 1918.

State.	Census, 1910.	Estimate, 1916.
Alabama..	540,000	534,000
Arizona..	796,000	838,000
Arkansas..	602,000	523,000
California..	1,610,000	1,554,000
Colorado..	983,000	1,096,000
Connecticut..	72,000	72,000
Delaware...	19,000	21,000
Florida....	729,000	772,000
Georgia....	674,000	686,000
Idaho.....	368,000	406,000
Illinois....	1,391,000	1,239,000
Indiana....	729,000	728,000
Iowa.....	3,041,000	2,737,000
Kansas....	2,343,000	1,945,000
Kentucky..	591,000	570,000
Louisiana..	526,000	475,000
Maine.....	100,000	104,000
Maryland..	121,000	125,000
Massachusetts	80,000	85,000
Michigan..	731,000	735,000
Minnesota..	1,262,000	1,232,000
Mississippi.	583,000	535,000
Missouri..	1,705,000	1,555,000
Montana..	866,000	894,000
Nebraska..	2,318,000	2,237,000
Nevada....	433,000	472,000
N. Hampshire.	67,000	65,000
New Jersey..	69,000	73,000
New Mexico.	1,031,000	1,090,000
New York..	913,000	939,000
N. Carolina..	392,000	387,000
N. Dakota..	485,000	577,000
Ohio.....	933,000	872,000
Oklahoma..	1,423,000	1,186,000
Oregon....	552,000	553,000
Pennsylvania.	653,000	657,000
Rhode Island.	11,000	10,000
S. Carolina..	209,000	215,000
S. Dakota...	1,165,000	1,064,000
Tennessee..	600,000	518,000
Texas.....	5,921,000	5,428,000
Utah.....	336,000	408,000
Vermont....	165,000	170,000
Virginia...	503,000	472,000
Washington..	216,000	221,000
W. Virginia..	380,000	362,000
Wisconsin..	1,207,000	1,313,000
Wyoming..	734,000	703,000

Total....41,178,000 39,453,000

Total, 1917..... 40,849,000

Total, 1918..... 43,546,000

Other and Beef Cattle in U. S., 1918.

This class of cattle includes stock cattle and feeders, calves and beef cattle and all except straight grown dairy cows. The estimate of the number is by the United States Department of Agriculture on January, 1917, and we have made a calculation showing the increase or decrease of such cattle by states since the census of 1910. This class of cattle is nearly ten millions short of the number enumerated by the census of 1900, but the total of 1918 shows a decided increase over 1910.

State.	1917.	Since 1910.	Since 1910.
Cattle.	Increase.	Decrease.	
ALA...	534,000	.....	6,000
ARIZ..	864,000	68,000	.....
ARK...	550,000	.....	52,000
CALIF.	1,636,000	26,000	.....
COLO..	1,150,000	167,000	.....
CONN.	73,000	1,000	.....
DEL...	21,000	2,000	.....
FLA...	865,000	136,000	.....
GA....	686,000	12,000	.....
IDA...	418,000	50,000	.....
ILL...	1,251,000	.....	140,000
IND...	735,000	6,000	.....
IOWA.	2,754,000	.....	287,000
KAS...	2,115,000	.....	238,000
KY....	570,000	.....	21,000
LA....	475,000	.....	51,000
ME....	110,000	10,000	.....
MD....	125,000	4,000	.....
MASS..	88,000	.....	8,000
MICH..	720,000	.....	11,000
MINN.	1,340,000	78,000	.....
MISS..	535,000	.....	48,000
MO....	1,600,000	.....	105,000
MONT.	983,000	117,000	.....
NEB...	2,349,000	31,000	.....
NEV...	470,000	37,000	.....
N. H..	63,000	.....	4,000
N. J...	74,000	5,000	.....
N. M..	1,145,000	114,000	.....
N. Y..	939,000	26,000	.....
N. C..	364,000	28,000	.....
N. D...	629,000	144,000	.....
OHIO.	863,000	.....	70,000
OKLA.	1,222,000	.....	201,000
ORE...	577,000	25,000	.....
PENN.	664,000	11,000	.....
R. L..	11,000	.....	.....
S. C...	215,000	6,000	.....
S. D...	1,181,000	16,000	.....
TENN.	528,000	.....	72,000
TEX...	5,482,000	.....	439,000
UTAH.	408,000	72,000	.....
VT....	172,000	7,000	.....
VA....	486,000	.....	17,000
WASH.	275,000	59,000	.....
W. VA.	369,000	.....	11,000
WIS...	1,340,000	183,000	.....
WYO..	825,000	91,000	.....

U. S. 1917, 40,849,000; U. S. 1910, 41,178,000; decrease, 320,000.

U. S., 1918, 43,546,000; U. S., 1910, 41,178,000; increase, 2,368,000.

Hogs in the United States, 1910-16.

The tabulated statement submitted herewith shows the number of hogs counted in each state by the census of 1910, together with another statement, showing the United States Department of Agriculture estimate for 1916. The census total of 58,186,000 hogs in the United States in 1910 is increased 9,861,000 head in the 68,047,000 total of the estimate in 1916. When it appears that the swine industry reached the largest production in this country.

State.	Census, 1910.	Estimate, 1916.
Alabama. . .	1,267,000	1,715,000
Arizona. . .	17,000	40,000
Arkansas. . .	1,519,000	1,589,000
California. . .	767,000	947,000
Colorado. . .	179,000	320,000
Connecticut. . .	52,000	59,000
Delaware. . .	49,000	61,000
Florida. . .	810,000	996,000
Georgia. . .	1,784,000	2,348,000
Idaho.	178,000	344,000
Illinois. . . .	4,686,000	4,489,000
Indiana. . . .	3,614,000	4,167,000
Iowa.	7,546,000	9,069,000
Kansas.	3,000,000	2,815,000
Kentucky. . .	1,492,000	1,709,000
Louisiana. . .	1,328,000	1,553,000
Maine.	87,000	102,000
Maryland. . .	302,000	359,000
Massachusetts	103,000	112,000
Michigan. . .	1,246,000	1,462,000
Minnesota. . .	1,520,000	1,716,000
Mississippi. .	1,292,000	1,617,000
Missouri. . .	4,438,000	4,505,000
Montana. . .	99,000	298,000
Nebraska. . .	3,436,000	4,266,000
Nevada. . . .	23,000	40,000
N. Hampshire	45,000	55,000
New Jersey. .	147,000	161,000
New Mexico. .	46,000	91,000
New York. . .	666,000	799,000
N. Carolina. .	1,228,000	1,601,000
N. Dakota. . .	332,000	706,000
Ohio.	3,106,000	3,713,000
Oklahoma. . .	1,839,000	1,491,000
Oregon. . . .	218,000	396,000
Pennsylvania. .	978,000	1,210,000
Rhode Island. .	14,000	15,000
S. Carolina. . .	665,000	917,000
S. Dakota. . .	1,010,000	1,314,000
Tennessee. . .	1,388,000	1,531,000
Texas.	2,236,000	3,197,000
Utah.	64,000	112,000
Vermont. . . .	95,000	113,000
Virginia. . . .	798,000	1,023,000
Washington. .	206,000	314,000
W. Virginia. .	328,000	378,000
Wisconsin. . .	1,809,000	2,142,000
Wyoming. . . .	34,000	70,000

Total. 58,186,000 68,047,000
 Total, 1917. 67,453,000
 Total, 1918. 71,374,000

Hogs in the United States, 1913.

The hog increase since the census year 1910 was pretty well allowed for in the government estimate of 1916, and the enormous marketing of hogs in that year (1916) did not much more than offset the surplus. We now present the government estimate of January, 1917, together with a calculation of our own, showing the increase and decrease of hogs by states since 1910.

State.	1917. Swine.	Since 1910. In- crease.	Since 1910. De- crease.
ALA. . .	1,850,000	583,000	.....
ARIZ. . .	80,000	63,000	.....
ARK. . .	1,575,000	56,000	.....
CAL. . .	994,000	227,000	.....
COLO. . .	352,000	173,000	.....
CONN. . .	58,000	6,000	.....
DEL. . .	60,000	11,000	.....
FLA. . .	1,100,000	290,000	.....
GA. . .	2,585,000	801,000	.....
IDA. . .	292,000	114,000	.....
ILL. . .	4,444,000	.....	242,000
IND. . .	3,970,000	356,000	.....
IA. . .	9,370,000	1,824,000	.....
KAS. . .	2,535,000	.....	465,000
KY. . .	1,589,000	97,000	.....
LA. . .	1,584,000	256,000	.....
ME. . .	100,000	13,000	.....
MD. . .	359,000	57,000	.....
MASS. . .	112,000	9,000	.....
MICH. . .	1,345,000	99,000	.....
MINN. . .	1,733,000	213,000	.....
MISS. . .	1,698,000	406,000	.....
MO. . .	4,280,000	.....	158,000
MONT. . .	269,000	170,000	.....
NEB. . .	4,309,000	873,000	.....
NEV. . .	37,000	14,000	.....
N. H. . .	53,000	8,000	.....
N. J. . .	163,000	16,000	.....
N. M. . .	101,000	55,000	.....
N. Y. . .	759,000	93,000	.....
N. C. . .	1,550,000	322,000	.....
N. D. . .	650,000	318,000	.....
OHIO. . .	3,527,000	421,000	.....
OKLA. . .	1,372,000	.....	467,000
ORE. . .	315,000	97,000	.....
PENN. . .	1,174,000	196,000	.....
R. I. . .	14,000	.....	.....
S. C. . .	920,000	255,000	.....
S. D. . .	1,432,000	422,000	.....
TENN. . .	1,485,000	97,000	.....
TEX. . .	3,229,000	993,000	.....
UTAH. . .	101,000	37,000	.....
VT. . .	113,000	18,000	.....
VA. . .	1,023,000	225,000
WASH. . .	283,000	77,000
W.VA. . .	380,000	52,000
WIS. . .	2,060,000	251,000
WYO. . .	69,000	35,000
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'17U.S.	67,453,000	9,267,000
'10U.S.	58,186,000
January, 1918, total. . . .	71,374,000
Increase since 1910.	13,188,000

Sheep in the United States, 1910-16.

The statement presented herewith exhibits the number of sheep in each state when the census was taken in the year 1910, and shows also the United States Department of Agriculture sheep estimate of 1916. Sheep decreased 3,286,000 head, from a total of 52,448,000 head in 1910 to 49,162,000 head in 1916.

State.	Census, 1910.	Estimate, 1916.
Alabama. . . .	143,000	119,000
Arizona. . . .	1,227,000	1,849,000
Arkansas. . . .	144,000	124,000
California. . . .	2,417,000	2,450,000
Colorado. . . .	1,426,000	1,839,000
Connecticut. . . .	22,000	18,000
Delaware. . . .	8,000	8,000
Florida. . . .	114,000	119,000
Georgia. . . .	188,000	161,000
Idaho. . . .	3,011,000	3,102,000
Illinois. . . .	1,060,000	907,000
Indiana. . . .	1,337,000	1,058,000
Iowa. . . .	1,146,000	1,274,000
Kansas. . . .	272,000	341,000
Kentucky. . . .	1,363,000	1,555,000
Louisiana. . . .	178,000	185,000
Maine. . . .	206,000	162,000
Maryland. . . .	237,000	223,000
Massachusetts. . . .	33,000	28,000
Michigan. . . .	2,306,000	1,931,000
Minnesota. . . .	638,000	536,000
Mississippi. . . .	195,000	208,000
Missouri. . . .	1,811,000	1,416,000
Montana. . . .	5,381,000	3,941,000
Nebraska. . . .	294,000	374,000
Nevada. . . .	1,155,000	1,532,000
N. Hampshire. . . .	44,000	37,000
New Jersey. . . .	31,000	29,000
New Mexico. . . .	3,347,000	3,440,000
New York. . . .	930,000	849,000
N. Carolina. . . .	214,000	170,000
N. Dakota. . . .	293,000	250,000
Ohio. . . .	3,909,000	3,067,000
Oklahoma. . . .	62,000	95,000
Oregon. . . .	2,699,000	2,563,000
Pennsylvania. . . .	883,000	856,000
Rhode Island. . . .	7,000	6,000
S. Carolina. . . .	38,000	30,000
S. Dakota. . . .	611,000	604,000
Tennessee. . . .	795,000	661,000
Texas. . . .	1,809,000	2,156,000
Utah. . . .	1,827,000	2,039,000
Vermont. . . .	119,000	100,000
Virginia. . . .	805,000	734,000
Washington. . . .	476,000	568,000
W. Virginia. . . .	910,000	796,000
Wisconsin. . . .	930,000	664,000
Wyoming. . . .	5,397,000	4,338,000
Total. . . .	52,448,000	49,162,000
Total, 1917.		48,483,000
Total, 1918.		48,900,000

Sheep in the United States, 1917-1918.

This particular statement is the estimate of the United States Department of Agriculture of the number of sheep in the United States, January, 1917. We have added to it by making a statement showing the increase or decrease by states since the enumeration by the census of the year 1910.

State.	1917.	Since 1910.	Since 1910.
	Sheep.	Increase.	Decrease.
ALA...	121,000	.....	22,000
ARIZ...	1,632,000	405,000	.....
ARK...	124,000	.....	20,000
CALIF	2,524,000	117,000	.....
COLO.	1,950,000	524,000	.....
CONN.	18,000	.....	4,000
DEL...	8,000	.....	.....
FLA...	119,000	5,000	.....
GA...	150,000	.....	38,000
IDA...	3,195,000	184,000	.....
ILL...	898,000	.....	162,000
IND...	1,005,000	.....	332,000
IOWA.	1,240,000	94,000	.....
KAS...	348,000	76,000	.....
KY...	1,155,000	.....	208,000
LA....	240,000	62,000	.....
ME...	157,000	.....	49,000
MD...	223,000	.....	14,000
MASS.	25,000	.....	8,000
MICH..	1,834,000	.....	472,000
MINN..	541,000	.....	97,000
MISS..	193,000	.....	2,000
MO....	1,370,000	.....	441,000
MONT.	3,744,000	.....	1,637,000
NEB...	381,000	87,000	.....
NEV...	1,455,000	300,000	.....
N. H. .	35,000	.....	9,000
N. J. .	29,000	.....	2,000
N. M. .	3,300,000	.....	47,000
N. Y. .	840,000	.....	90,000
N. C. .	140,000	.....	74,000
N. D. .	250,000	.....	43,000
OHIO..	2,914,000	.....	965,000
OKLA.	104,000	62,000	.....
ORE...	2,484,000	.....	215,000
PENN.	835,000	.....	48,000
R. I. .	5,000	.....	2,000
S. C. .	30,000	.....	8,000
S. D. .	658,000	.....	47,000
TENN.	650,000	.....	145,000
TEX...	2,328,000	519,000	.....
UTAH.	2,089,000	262,000	.....
VT....	100,000	.....	19,000
VA....	686,000	.....	119,000
WASH.	585,000	109,000	.....
W. VA.	715,900	.....	195,000
WIS...	645,000	.....	285,000
WYO..	4,381,000	.....	1,016,000
1917 U. S., 48,483,000; U. S. 1910, 52,414,000; decrease, 3,961,000.			
1918 U. S., 48,900,000; U. S. 1910, 52,414,000; decrease, 3,514,000.			

One of the comforting statements in regard to increased production relates to navy beans. Dry edible beans is the way they appear in government reports.

The first steam engine for purpose of tillage placed on the market by John Fowler & Son, of Cornhill, London, in the year 1850.

Mules on Farms, 1910 and 1916.

The double statement presented herewith shows the number of mules in the United States in the census year 1910, together with the estimate of the Department of Agriculture on the 1st of January, 1916. We are also adding at the bottom the totals for 1917 and 1918.

State.	Census, 1910.	Estimate, 1916.
Alabama.....	247,000	281,000
Arizona.....	4,000	7,000
Arkansas.....	222,000	240,000
California.....	70,000	70,000
Colorado.....	15,000	19,000
Delaware.....	6,000	6,000
Florida.....	23,000	29,000
Georgia.....	295,000	315,000
Idaho.....	4,000	4,000
Illinois.....	148,000	152,000
Indiana.....	82,000	95,000
Iowa.....	56,000	61,000
Kansas.....	208,000	245,000
Kentucky.....	225,000	229,000
Louisiana.....	132,000	132,000
Maryland.....	23,000	25,000
Michigan.....	4,000	4,000
Minnesota.....	6,000	6,000
Mississippi.....	256,000	292,000
Missouri.....	343,000	329,000
Montana.....	4,000	4,000
Nebraska.....	83,000	98,000
Nevada.....	3,000	3,000
New Jersey.....	4,000	4,000
New Mexico.....	15,000	17,000
North Carolina.....	175,000	196,000
North Dakota.....	8,000	9,000
Ohio.....	23,000	26,000
Oklahoma.....	257,000	282,000
Oregon.....	10,000	10,000
Pennsylvania.....	44,000	47,000
South Carolina.....	156,000	171,000
South Dakota.....	12,000	15,000
Tennessee.....	276,000	272,000
Texas.....	676,000	768,000
Utah.....	2,000	2,000
Virginia.....	60,000	64,000
Washington.....	12,000	15,000
West Virginia.....	12,000	12,000
Wisconsin.....	3,000	3,000
Wyoming.....	2,000	2,000
Total.....	4,210,000	4,565,000
Total, 1917.....	4,639,000	
Total, 1918.....	4,824,000	

The statistical condition of the sheep husbandry is in bad shape, compared with some former years, but there is an increase in 1917 over the previous year.

It looks as though the wheat crop of 1918 will surpass the billion-bushel mark of 1917.

In AGRICULTURAL STATISTICS we are showing the planting of wheat and of rye in the fall of 1917.

Mules on Farms, 1917-1918.

The following tabulation shows the estimate of the number of mules in the United States on January 1st, 1917, together with comparisons since the census of 1910. The comparisons show a decided increase in mules, notwithstanding the exports have been very large. We have only the U. S. total for 1918 and not the state totals.

State.	1917.	Since 1910.	Since 1910.
ALA.....	278,000	31,000	crease.
ARIZ.....	8,000	4,000	crease.
ARK.....	250,000	28,000	crease.
CALIF.....	70,000		
COLO.....	20,000	5,000	
DEL.....	6,000		
FLA.....	31,000	8,000	
GA.....	324,000	29,000	
IDAHO.....	4,000		
ILL.....	150,000	2,000	
IND.....	95,000	13,000	
IOWA.....	62,000	6,000	
KAS.....	265,000	57,000	
KY.....	224,000	1,000	
LA.....	139,000	7,000	
MD.....	25,000	2,000	
MICH.....	4,000		
MINN.....	6,000		
MISS.....	292,000	36,000	
MO.....	350,000	7,000	
MONT.....	4,000		
NEB.....	112,000	29,000	
NEV.....	3,000		
N. J.....	4,000		
N. M.....	19,000	4,000	
N. C.....	200,000	25,000	
N. D.....	9,000	1,000	
OHIO.....	26,000	3,000	
OKLA.....	276,000	19,000	
OREGON.....	10,000		
PENN.....	48,000	4,000	
S. C.....	174,000	18,000	
S. D.....	15,000	3,000	
TENN.....	270,000	6,000	
TEXAS.....	760,000	84,000	
UTAH.....	2,000		
VA.....	64,000	6,000	
WASH.....	18,000	6,000	
W. VA.....	12,000		
WIS.....	3,000		
WYO.....	3,000	1,000	

U. S. 1917.....	4,639,000	429,000	crease.
Census 1910.....	4,210,000		
U. S. 1918.....	4,824,000	614,000	crease.
Census 1910.....	4,210,000		

We have now seventy-one million swine in the United States, and there never was a time when we had any more.

In AGRICULTURAL STATISTICS you can get a line on farm productions by commencing at page 33.

Horses in the U. S., 1910-16.

The following tabulated statement shows the number of horses on farms and ranches in the United States when the census was taken in 1910 and the estimate of the United States Department of Agriculture in January, 1916. The difference from a total of 19,833,000 head in 1910 to 21,166,000 head in 1916 is a gain of 1,333,000 head in the six years:

State.	Census, 1910.	Estimate, 1916.
Alabama. . . .	136,000	150,000
Arizona. . . .	100,000	124,000
Arkansas. . . .	255,000	270,000
California. . . .	469,000	493,000
Colorado. . . .	294,000	361,000
Connecticut. . . .	46,000	46,000
Delaware. . . .	33,000	36,000
Florida. . . .	46,000	59,000
Georgia. . . .	120,000	125,000
Idaho. . . .	198,000	241,000
Illinois. . . .	1,453,000	1,452,000
Indiana. . . .	814,000	854,000
Iowa. . . .	1,492,000	1,584,000
Kansas. . . .	1,147,000	1,109,000
Kentucky. . . .	443,000	434,000
Louisiana. . . .	181,000	193,000
Maine. . . .	108,000	112,000
Maryland. . . .	156,000	169,000
Massachusetts. . . .	64,000	63,000
Michigan. . . .	610,000	680,000
Minnesota. . . .	753,000	872,000
Mississippi. . . .	216,000	243,000
Missouri. . . .	1,073,000	1,084,000
Montana. . . .	316,000	430,000
Nebraska. . . .	1,008,000	1,028,000
Nevada. . . .	68,000	77,000
N. Hampshire. . . .	46,000	47,000
New Jersey. . . .	89,000	92,000
New Mexico. . . .	179,000	234,000
New York. . . .	591,000	609,000
N. Carolina. . . .	166,000	182,000
N. Dakota. . . .	651,000	801,000
Ohio. . . .	910,000	901,000
Oklahoma. . . .	743,000	743,000
Oregon. . . .	272,000	295,000
Pennsylvania. . . .	550,000	602,000
Rhode Island. . . .	9,000	9,000
S. Carolina. . . .	80,000	84,000
S. Dakota. . . .	669,000	759,000
Tennessee. . . .	350,000	349,000
Texas. . . .	1,170,000	1,180,000
Utah. . . .	116,000	146,000
Vermont. . . .	81,000	89,000
Virginia. . . .	330,000	361,000
Washington. . . .	281,000	308,000
W. Virginia. . . .	180,000	194,000
Wisconsin. . . .	615,000	712,000
Wyoming. . . .	156,000	180,000

Total. . . . 19,833,000 21,166,000

Total, 1917. 21,126,000

Total, 1918. 21,563,000

Horses in the U. S., 1918.

The following tabulated statement represents the estimate of the United States Department of Agriculture of the number of horses in the United States on January 1st, 1917. To these government figures we have made a calculation, showing the increase or decrease in each state from the figures of the 1910 census.

State.	1917. Horses.	Since 1910. In- crease.	Since 1910. De- crease.
ALA. . . .	150,000	14,000	.....
ARIZ. . . .	129,000	29,000	.....
ARK. . . .	275,000	20,000	.....
CALIF. . . .	468,000	.....	1,000
COLO. . . .	365,000	71,000	.....
CONN. . . .	46,000	.....	.....
DEL. . . .	36,000	3,000	.....
FLA. . . .	60,000	14,000	.....
GA. . . .	127,000	7,000	.....
IDAHO. . . .	239,000	41,000	.....
ILL. . . .	1,452,000	.....	1,000
IND. . . .	845,000	31,000	.....
IOWA. . . .	1,552,000	60,000	.....
KAS. . . .	1,120,000	.....	27,000
KY. . . .	434,000	.....	9,000
LA. . . .	195,000	14,000	.....
MAINE. . . .	109,000	1,000	.....
MD. . . .	169,000	13,000	.....
MASS. . . .	59,000	.....	5,000
MICH. . . .	680,000	70,000	.....
MINN. . . .	900,000	147,000	.....
MISS. . . .	243,000	27,000	.....
MO. . . .	1,040,000	.....	33,000
MONT. . . .	452,000	136,000	.....
NEB. . . .	1,018,000	10,000	.....
NEV. . . .	73,000	5,000	.....
N. H. . . .	44,000	.....	2,000
N. J. . . .	92,000	3,000	.....
N. M. . . .	250,000	71,000	.....
N. Y. . . .	609,000	18,000	.....
N. C. . . .	185,000	19,000	.....
N. D. . . .	825,000	174,000	.....
OHIO. . . .	892,000	.....	18,000
OKLA. . . .	748,000	.....	.....
OREGON. . . .	286,000	14,000	.....
PENN. . . .	596,000	46,000	.....
R. I. . . .	8,000	.....	1,000
S. C. . . .	85,000	5,000	.....
S. D. . . .	774,000	105,000	.....
TENN. . . .	350,000	.....	.....
TEXAS. . . .	1,156,000	.....	14,000
UTAH. . . .	138,000	22,000	.....
VT. . . .	89,000	8,000	.....
VA. . . .	361,000	31,000	.....
WASH. . . .	305,000	24,000	.....
W. VA. . . .	196,000	16,000	.....
WIS. . . .	715,000	100,000	.....
WYO. . . .	191,000	35,000	.....

1917 U.S. 21,126,000 1,293,000

1910 U.S. 19,833,000

1918 U.S. 21,563,000 1,730,000

1910 U.S. 19,833,000

Abel Houghton, of Massachusetts, produced the Houghton gooseberry from seed of the wild berry about the year 1850.

The Wild Goose plum was first brought to notice by James Harvey, of Columbia, Tenn., in the year 1850.

Chickens and Turkeys.

In the year 1900, in the United States, there were 233,566,021 chickens counted by the census enumerators, and in 1910 the number of chickens was increased to 280,345,133. In the year 1910 chickens were raised on 5,578,525 farms, which is 87.7 per cent. of all farms. In the year 1900 there were 6,594,695 turkeys in the United States, but in 1910 the number was reduced to 3,668,708. In the year 1910 turkeys were on 871,123 farms, which is 13.7 per cent. of all farms.

State.	Farms Report- ing.	Chickens, Number.	Farms Report- ing.	Turkeys, Number.
ALA...	221,103	4,539,066	22,350	84,487
ARIZ...	5,020	252,657	836	5,498
ARK...	183,480	5,182,670	20,955	83,550
CALIF.	66,063	5,668,054	11,927	116,602
COLO.	34,433	1,644,578	5,692	26,430
CONN.	23,163	1,218,128	905	3,911
DEL...	10,000	785,591	2,119	8,181
D. C...	159	7,405	6	29
FLA...	40,637	1,230,680	4,672	22,871
GA...	244,433	4,890,069	23,128	79,634
IDAHO	23,412	1,012,431	2,975	14,274
ILL...	237,074	20,563,890	43,326	189,418
IND...	202,321	13,216,152	48,180	202,977
IA...	204,574	22,691,670	26,866	124,164
KAN...	162,094	15,266,250	22,796	104,421
KY...	231,031	8,000,457	46,920	188,292
LA...	98,304	3,259,087	12,473	53,251
ME...	46,185	1,704,900	915	2,948
MD...	46,008	2,650,750	14,728	60,260
MASS...	28,021	1,710,989	692	2,645
MICH.	189,320	9,698,439	20,710	81,263
MINN.	142,582	10,293,849	31,750	147,335
MISS.	221,153	4,568,464	22,226	92,448
MO...	259,457	19,910,562	67,522	311,575
MONT.	17,595	1,022,540	3,481	16,475
NEB...	115,512	9,010,945	8,292	32,364
NEV...	1,977	126,599	478	2,839
N. H...	20,868	903,413	489	1,949
N. J...	30,078	2,012,842	2,379	31,778
N. M...	19,496	509,892	1,597	7,308
N. Y...	192,848	7,312,386	25,064	104,957
N. C...	223,158	4,566,928	16,690	70,009
N. D...	61,452	3,095,026	14,040	62,261
OHIO...	253,611	9,011,144	43,019	162,664
OKLA.	168,464	8,014,945	27,929	120,324
ORE...	37,080	1,753,732	4,434	26,689
PENN.	205,032	11,896,124	40,126	136,942
R. I...	4,315	392,704	161	1,109
S. C...	146,887	2,694,970	19,454	64,396
S. D...	61,492	4,924,349	10,923	51,992
TENN.	232,448	7,244,473	32,016	118,514
TEX...	356,877	12,719,592	76,429	363,666
UTAH.	17,424	673,662	1,684	7,996
VT...	27,464	911,781	2,456	11,693
VA...	169,391	5,684,703	39,024	148,386
WASH.	44,867	2,204,171	3,557	16,049
W. VA.	89,099	3,106,997	18,762	71,072
WIS...	163,043	9,142,719	15,764	65,020
WYO...	7,047	324,984	1,333	5,883
Total.	5,578,525	280,345,133	871,123	3,668,708

Ducks and Geese.

In the year 1900 the enumerators of the census reported 4,785,850 ducks in the United States, but in 1910 the number was reduced to 2,906,525. In 1910 there were 503,704 farms raising ducks, which is 7.9 per cent. of all farms. In 1910 the total of geese was 5,676,788 and the total of 1910 was 4,431,980, there being 662,324 farms raising geese, which is 10.4 per cent. of all farms. Herewith we present the statement of ducks and geese according to the last census.

State.	Farms Report- ing.	1910. Number of Ducks.	Farms Report- ing.	Number of Geese.
ALA...	10,094	59,227	17,992	142,519
ARIZ...	295	1,824	87	701
ARK...	18,323	109,483	38,095	343,995
CALIF.	3,606	40,061	760	14,195
COLO.	2,486	12,250	1,053	4,455
CONN.	1,748	9,813	958	4,200
DEL...	1,884	9,790	1,019	5,111
D. C...	17	127	1	40
FLA...	823	6,218	2,985	29,556
GA...	7,515	42,221	18,194	171,625
IDAHO	1,790	8,900	8,842	8,842
ILL...	37,433	201,505	42,763	226,546
IND...	19,427	121,306	21,734	139,081
IOWA	40,771	225,284	44,495	215,221
KAN...	18,417	114,032	17,466	95,222
KY...	16,651	98,706	43,380	399,932
LA...	7,671	51,473	14,167	121,534
ME...	1,519	6,311	1,057	4,021
MD...	8,753	50,232	4,909	23,600
MASS...	1,888	23,153	896	12,313
MICH.	14,214	54,723	18,180	66,792
MINN.	23,692	94,269	27,866	105,161
MISS...	10,118	44,228	28,613	236,791
MO...	25,017	155,129	44,777	365,866
MONT.	1,630	8,243	7,013	7,013
NEB...	17,672	92,524	20,604	89,128
NEV...	221	1,139	510	510
N. H...	694	3,572	356	1,438
N. J...	3,972	39,441	1,900	9,166
N. M...	557	2,693	151	779
N. Y...	16,604	166,188	7,647	29,310
N. C...	13,396	75,786	29,189	238,205
N. D...	10,131	39,938	8,009	30,456
OHIO...	21,288	106,958	24,121	112,706
OKLA.	16,462	112,986	13,324	113,594
ORE...	1,976	10,757	842	14,109
PENN.	23,502	163,777	13,102	46,321
R. I...	458	4,519	266	2,725
S. C...	3,653	15,653	8,125	59,664
S. D...	16,281	87,544	13,623	59,991
TENN.	21,922	142,292	41,906	366,687
TEX...	14,007	74,910	26,809	244,997
UTAH.	891	3,782	609	2,938
VT...	1,252	4,561	727	2,505
VA...	16,561	94,451	12,160	79,093
WASH.	2,558	13,179	586	14,858
W. VA.	6,776	35,576	10,447	72,972
WIS...	16,434	61,180	25,287	93,782
WYO...	744	3,411	1,708	1,708
Total.	503,704	2,906,525	662,324	4,431,980

HEMP PRODUCTION, 1915, 1916, 1917.

Hemp production for the present year is fine. The acreage is 86 per cent. greater than last year. Only two states produce any quantity of hemp, but they are doing good business. This year we have double an average crop:

State.	1915. Pounds.	1916. Pounds.	1917. Pounds.
KY.....	9,637,000	12,250,000	18,000,000
WIS.....	630,000	1,560,000	7,224,000
Total Above	10,267,000	13,810,000	25,224,000

The reaping machine of home production invented by Rev. Patrick Bell, of Forfarshire, England, awarded premium by Highland Society in 1852. It had been in use fourteen years.

Cattle bred in Texas being driven through Arkansas, Missouri and Kansas for distribution and sale to feeders, caused a mysterious and fatal disease amongst the native cattle. First mention of fever caused by Texas cattle. This was in 1850.

Belmont, a thoroughbred stallion bred by Garrett Williamson, of Springdale, near Cincinnati, Ohio, and three mares were imported into California in 1853 and left a lasting mark on the thoroughbred horse of California.

The center of number of farms in the United States in the year 1850 was ten miles south of west of Parkersburg, W. Va., in Athens county, Ohio.

Cattle Sold and Slaughtered.

Once in ten years we are able to make an examination of the number of live stock sold from the farms of the United States. This tabulation is for cattle only, not including calves, but including dry dairy cows and worn-out oxen when sold. There is also an enumeration, state by state, showing the number of cattle slaughtered on the farms. The statement is for the last census year, when there were 20,625,000 dairy cows and 41,178,000 other cattle in the United States.

State.	Farms Reporting.	Cattle Sold.	Farms Reporting.	Cattle Slaughtered.
ALA....	48,398	198,226	15,800	42,964
ARIZ....	1,988	146,852	942	10,773
ARK....	62,031	379,676	11,189	38,088
CALIF..	19,775	548,920	4,054	36,319
COLO..	11,013	437,215	5,447	26,818
CONN..	7,979	56,564	1,743	8,756
DEL....	87	7,070	150	551
D. COL.	1,805	344	2	8
FLA....	6,015	60,773	3,359	22,012
GA....	32,167	112,127	10,506	37,605
IDAHO	7,320	145,948	3,395	12,216
ILL....	106,050	1,029,835	19,120	38,466
IND....	82,019	463,825	14,877	27,122
IOWA..	128,657	2,130,255	48,883	73,454
KAS....	75,654	1,560,620	18,999	30,660
KY....	74,343	535,429	6,497	19,011
LA....	20,903	139,319	10,215	26,209
ME....	19,842	83,932	4,513	18,755
MD....	11,866	56,863	3,080	5,870
MASS..	9,927	81,661	2,021	13,521
MICH..	82,230	319,063	19,852	43,619
MINN..	79,284	412,034	47,403	79,226
MISS..	46,709	252,778	14,056	34,406
MO....	119,955	1,500,754	18,269	32,059
MONT..	6,255	272,996	4,133	19,755
NEB....	64,123	1,221,743	27,211	42,083
NEV....	981	101,190	810	11,217
N. H....	8,750	54,904	2,104	9,116
N. J....	6,270	30,954	1,377	3,175
N. M....	5,541	306,347	3,937	16,316
N. Y....	82,443	451,265	26,858	68,793
N. C....	49,090	163,015	13,201	36,132
N. D....	24,736	159,392	19,714	31,570
OHIO..	104,220	558,420	30,912	54,040
OKLA..	64,937	939,546	8,808	23,043
ORE....	13,973	249,733	5,946	24,292
PENN..	80,961	368,687	44,877	88,505
R. I....	1,573	11,177	203	6,699
S. C....	19,668	57,301	5,782	17,657
S. D....	32,328	519,607	16,959	28,475
TENN..	83,836	540,891	10,838	33,483
TEX....	117,934	2,555,219	17,248	64,031
UTAH..	5,950	110,780	2,214	8,208
VT....	17,499	145,955	6,450	18,832
VA....	61,915	314,925	8,487	20,058
WASH..	15,335	94,368	7,370	25,087
W. VA..	39,132	257,733	8,226	18,753
WIS....	90,924	417,796	33,169	51,040
WYO....	3,249	198,970	2,059	9,810
Total	2,935,910	20,572,997	593,285	1,408,619

POTATO HARVEST PERIODS.

According to Agricultural Department reports there will be 30,000,000 more bushels of potatoes harvested in July and August, 1917, than last year in same period, and during the balance of the year the increase will be 133,000,000 bushels.

	Harvest Period.	
	1916.	1917 (Forecast.)
	Per Ct. Bushels.	Per Ct. Bushels.
Jan. 1 to June 30.	5.0 14,255,000	4.0 18,279,000
July 1 to Aug. 31.	20.8 59,270,000	19.8 89,424,000
Sept. 1 to Dec. 31.	74.2 211,942,000	76.2 344,014,000
	100.0 285,137,000	100.0 451,717,000

Previous to the year 1850 practically all the cheese made in this country was

Calves Sold and Slaughtered.

The enumeration of calves sold from farms and calves slaughtered on farms is the official statement of the last census year. At the time the census was taken the total of all kinds and classes of cattle remaining on farms in the United States was 61,803,000 head, and the total is not far different in the year 1916. It must be remembered that many calves sold by farmers have been matured and fattened for market by other farmers.

State.	Farms Reporting.	Calves Sold.	Farms Reporting.	Calves Slaughtered.
ALA....	15,349	30,694	4,354	7,872
ARIZ....	659	7,525	171	1,144
ARK....	29,918	86,235	3,028	8,379
CALIF..	16,882	147,467	4,767	50,538
COLO..	4,302	33,934	2,591	11,557
CONN..	9,014	66,477	622	6,915
DEL....	1,481	19,292	54	414
D. COL.	65	416	5	28
FLA....	584	2,537	216	1,569
GA....	19,558	39,507	9,151	22,323
IDAHO	4,113	19,098	1,801	4,789
ILL....	89,410	410,590	11,125	81,079
IND....	83,363	251,470	5,474	21,731
IOWA..	47,028	256,071	7,286	18,235
KAS....	47,826	281,398	7,416	11,536
KY....	53,351	140,896	2,021	4,546
LA....	4,166	15,190	1,040	2,667
ME....	21,607	98,577	2,874	27,396
MD....	22,369	92,359	431	2,110
MASS..	12,412	95,486	995	14,187
MICH..	84,626	293,525	16,091	61,896
MINN..	40,529	176,970	28,204	80,493
MISS..	12,299	32,218	3,227	5,577
MO....	76,353	254,702	4,863	8,772
MONT..	1,687	18,399	143	8,748
NEB....	18,056	96,821	3,955	5,458
NEV....	220	3,655	217	1,416
N. H....	9,592	64,347	1,137	10,650
N. J....	16,478	112,885	622	14,923
N. M....	2,619	16,169	1,222	3,658
N. Y....	105,766	814,704	26,604	212,962
N. C....	28,530	52,137	5,964	14,602
N. D....	7,694	22,263	7,992	14,419
OHIO..	100,676	362,046	7,791	31,180
OKLA..	32,735	132,870	3,128	5,715
ORE....	6,181	30,473	9,539	40,756
PENN..	103,371	469,663	14,398	68,936
R. I....	1,395	9,653	56	1,175
S. C....	7,888	14,541	2,461	6,669
S. D....	8,970	48,862	4,326	7,034
TENN..	46,697	114,620	2,916	9,548
TEX....	59,030	512,442	8,506	22,445
UTAH..	5,173	20,751	1,232	5,312
VT....	1,213	12,781	1,372	41,372
VA....	49,121	119,002	2,022	5,086
WASH..	7,035	30,291	10,345	44,238
W. VA..	25,143	58,815	1,282	5,108
WIS....	100,723	647,915	28,716	93,167
WYO....	1,010	13,716	431	1,948
Total	1,461,173	6,742,748	268,508	1,131,600

a farm and not a factory product.

EARLY CABBAGE ACREAGE.

The area planted to early cabbage in six Southern States is estimated to be 33,500 acres, as compared with 17,000 acres in 1916, an increase of about 90 per cent. This estimate is based upon reports to the Truck Crop Specialist of the Bureau of Crop Estimates from Virginia, South Carolina, Florida, Alabama, Mississippi and Texas, the principal early cabbage sections of the South. Detailed estimates by states follow:

State.	1915.	1916.	1917.
	Acres.	Acres.	Acres.
VIRGINIA	4,100	4,200	5,200
SOUTH CAROLINA	2,300	2,300	4,100
FLORIDA	3,400	4,500	9,300
ALABAMA	1,100	1,000	1,400
MISSISSIPPI	1,200	1,200	1,800
TEXAS	4,100	4,400	11,700
Total		16,200	17,600

33,500

Swine Sold by Farmers.

During the last census year from 1,841,229 farms in the United States 37,500,158 hogs were sold by farmers and the valuation reported was \$12.35 per head. The number of hogs on farms at that time by the census count was 58,188,000 head, or practically 65 per cent. of the supply.

State.	No. of Farms Reporting.	Per Cent. of Farms	Animals Sold.	Value Per Head.
ALA.	22,552	8.6	123,078	\$ 3.97
ARIZ.	489	5.3	9,780	8.42
ARK.	31,239	14.6	376,466	5.90
CALIF.	13,605	15.4	478,678	10.16
COLO.	5,398	11.7	124,667	11.15
CONN.	2,273	8.5	29,278	5.83
DEL.	1,978	18.3	20,979	5.35
DIST. COL.	5	2.3	17	11.35
FLA.	4,075	8.1	60,528	3.60
GA.	20,368	7.0	136,651	3.80
IDAHO.	5,584	18.1	150,230	11.37
ILL.	139,516	55.4	3,745,309	14.21
IND.	119,815	55.6	3,030,547	12.60
IOWA.	152,542	70.3	5,524,519	15.51
KAS.	97,826	55.0	2,857,924	14.05
KY.	69,704	26.9	1,160,301	9.17
LA.	6,015	5.0	61,794	5.73
ME.	10,628	17.7	88,167	7.58
MD.	11,425	23.4	143,415	5.74
MASS.	3,885	10.5	63,030	8.31
MICH.	85,168	41.2	981,880	11.02
MINN.	74,047	47.4	1,038,711	13.48
MISS.	17,470	6.4	88,599	4.16
MO.	153,372	55.3	4,425,428	11.58
MONT.	2,205	8.4	37,471	9.73
NEB.	78,646	60.7	2,495,969	15.41
NEV.	418	15.4	9,660	8.87
N. H.	4,067	15.0	43,008	7.70
N. J.	4,875	14.6	88,639	6.75
N. M.	2,047	5.7	20,280	6.51
N. Y.	44,582	20.7	407,915	6.40
N. C.	35,461	14.0	246,796	3.49
N. D.	14,743	19.8	115,414	11.71
OHIO.	122,902	45.2	2,317,507	12.38
OKLA.	71,176	37.4	1,591,469	11.06
OREGON.	8,148	17.9	129,641	10.91
PENN.	58,458	26.6	579,136	6.35
R. I.	409	7.7	7,725	6.64
S. C.	12,389	7.0	80,633	4.31
S. D.	32,575	42.0	721,838	15.01
TENN.	74,122	30.1	1,082,134	7.84
TEXAS.	66,661	16.0	712,769	7.75
UTAH.	2,859	13.2	30,072	7.73
VT.	9,781	29.9	93,720	8.53
VA.	20,957	16.8	293,493	5.38
WASH.	7,762	13.8	121,886	10.60
W. VA.	18,164	18.8	121,650	5.51
WIS.	88,056	49.7	1,389,717	12.99
WYO.	837	7.6	16,740	10.40
Total...	1,841,299	28.9	37,500,158	\$12.35

Swine Slaughtered on Farms.

During the last census year on 3,643,546 farms in the United States 15,378,517 hogs were slaughtered, and the farmers reported the value to be \$19.37 per head. The number of hogs on farms at that time by the census count was 58,186,000 head, practically one hog in four.

State.	No. of Farms Reporting.	Per Cent. of All Farms.	Animals Slaughtered.	Value Per Head.
ALA.	137,036	52.1	581,615	\$12.16
ARIZ.	816	8.8	3,259	13.37
ARK.	113,636	52.9	616,350	11.10
CALIF.	15,337	17.4	82,270	12.80
COLO.	12,330	26.7	52,081	15.53
CONN.	7,975	29.7	25,058	19.86
DEL.	6,636	61.2	27,588	19.84
DIST. COL.	39	18.0	383	19.37
FLA.	25,915	51.8	294,753	8.05
GA.	154,935	53.2	860,409	11.31
IDAHO.	10,470	34.0	47,437	13.90
ILL.	172,486	68.5	762,545	16.95
IND.	152,287	70.7	646,581	16.26
IOWA.	147,246	67.8	507,167	16.03
KAS.	112,110	63.0	377,566	16.50
KY.	168,483	65.0	733,642	15.11
LA.	48,727	40.4	287,447	8.51
ME.	21,404	40.7	47,319	22.68
MD.	32,931	67.3	180,406	15.79
MASS.	7,183	19.5	27,764	19.35
MICH.	114,104	55.1	381,247	15.41
MINN.	100,583	64.4	314,597	15.60
MISS.	128,043	46.7	498,659	12.66
MO.	200,247	72.2	949,318	15.18
MONT.	5,104	19.5	33,143	14.88
NEB.	81,292	62.7	261,515	16.00
NEV.	673	25.0	5,943	13.96
N. H.	9,658	35.7	22,563	22.16
N. J.	13,906	41.5	73,709	17.90
N. M.	6,677	18.7	21,929	12.19
N. Y.	107,276	49.8	386,264	17.57
N. C.	166,636	65.7	783,247	13.59
N. D.	37,893	51.0	136,227	15.82
OHIO.	182,236	67.0	768,195	17.03
OKLA.	104,564	55.0	424,436	14.26
OREGON.	18,153	39.9	102,755	14.80
PENN.	146,868	67.0	675,939	18.63
R. I.	1,034	19.5	3,674	19.49
S. C.	86,224	48.9	309,922	13.09
S. D.	36,975	47.6	117,781	15.16
TENN.	163,764	66.6	742,123	15.49
TEXAS.	221,345	53.0	885,260	15.60
UTAH.	10,040	46.3	31,210	13.94
VT.	16,559	50.6	50,786	19.05
VA.	127,841	69.5	537,797	15.40
WASH.	18,129	32.3	92,600	15.60
W. VA.	65,798	68.1	206,701	17.82
WIS.	118,436	66.9	386,243	14.92
WYO.	2,506	22.8	13,064	15.44
Total...	3,643,546	57.3	15,378,517	\$19.37

WORLD'S POTATO CROP.

Complete statistics for 1916 world crop of potatoes are not available, but yields of seven of the principal producers compare in bushels with last year as follows:

	1915.	1916.	Decrease.
Germ'y.	1,194,140,000	771,610,000	1,212,530,000
France.	345,351,000	335,507,000	9,844,000
U. S.	359,721,000	285,437,000	74,284,000
U. K.	281,402,000	204,148,000	77,254,000
Neth'ls.	87,756,000	73,685,000	14,071,000
Canada.	62,604,000	61,128,000	1,476,000
Switz'ld.	39,693,000	22,046,000	17,637,000
Total.	3,160,757,000	1,753,567,000	1,497,096,000

The world crop is usually around 5,800,000,000 bushels. Of countries not reported, principal producers are Russia, whose crop in 1913 was 1,330,000,000 bushels, Austria-Hungary with 628,000,000, Belgium 120,000,000, Italy 66,000,000, Sweden, Norway and Denmark with a total of 125,000,000, and Argentine and Chile with 47,000,000 bushels in 1913. There is no reason to expect these countries will average any better than those already reported, or little more than half a crop.

Philippine Live Stock.

The Philippine Archipelago, with millions of acres of available open areas, is one of the countries in which stock raising on a large scale may be conducted, according to a report of the Department of Agriculture of the islands. It is estimated that out of a total of 120,000 square miles, 48,000 are in grass lands.

Number of Live Stock in the Philippine Islands.

Kind.	1902.	1914.	Increase.
CARABAOS.	610,871	1,147,433	506,562
CATTLE.	128,000	477,736	349,736
HOGS.	1,179,371	2,285,880	1,106,509
SHEEP.	30,428	118,010	87,582
GOATS.	124,334	592,042	467,708
HORSES.	144,171	215,826	71,655

The Delaware—the fourth great American grape—found in a New Jersey garden in the year 1850.

Winter Wheat Sown—Autumn 1916-1917.

This statement shows at a glance the wheat sown in the autumn of 1916 and in the fall of 1917. The increased acreage in 1917 over 1916 is four per cent. This list shows which states increased, which states made neither increase nor decrease and which states decreased in the fall wheat planting acreage. The high honors for total increased acreage fall to Missouri and Indiana; the honors on percentage basis belong to Mississippi and Arkansas.

State.	1916. Acres.	1917. Acres.	Inc., Acres.	Dec., Acres.
ALA...	120,000	144,000	24,000	
ARIZ...	37,000	44,600	7,600	
ARK...	220,000	288,000	68,000	
CALIF...	425,000	489,000	64,000	
COLO...	420,000	462,000	42,000	
CONN...	000	000	000	
DELA...	136,000	146,000	10,000	
FLA...	000	000	000	
GA...	393,000	428,000	35,000	
IDA...	335,000	302,000		33,000
ILL...	2,365,000	2,602,000	237,000	
IND...	2,116,000	2,645,000	529,000	
IOWA...	450,000	459,000	9,000	
KAS...	9,479,000	9,479,000	000	
KY...	850,000	952,000	102,000	
LA...	000	000	000	
MAINE...	000	000	000	
MD...	695,000	737,000	42,000	
MASS...	000	000	000	
MICH...	896,000	941,000	45,000	
MINN...	87,000	89,000	2,000	
MISS...	18,000	36,000	18,000	
MO...	2,300,000	2,875,000	575,000	
MONT...	775,000	775,000	000	
NEB...	3,645,000	3,135,000		510,000
NEV...	5,000	5,000	000	
N. H...	000	000	000	
N. J...	940,000	99,000	5,000	
N. M...	180,000	270,000	90,000	
N. Y...	445,000	512,000	67,000	
N. C...	1,025,000	1,179,000	154,000	
N. D...	000	000	000	
OHIO...	1,950,000	2,145,000	195,000	
OKLA...	3,400,000	3,264,000		136,000
ORE...	450,000	562,000	112,000	
PENN...	1,457,000	1,530,000	73,000	
R. I...	000	000	000	
S. C...	225,000	270,000	45,000	
S. D...	182,000	164,000		18,000
TENN...	800,000	840,000	40,000	
TEXAS...	1,725,000	1,622,000		103,000
UTAH...	246,000	244,000		2,000
VT...	000	000	000	
VA...	1,330,000	1,463,000	133,000	
WASH...	754,000	422,000		332,000
W. VA...	323,000	355,000	32,000	
WIS...	101,000	112,000	11,000	
WYO...	80,000	84,000	4,000	

U. S. ... 40,534,000 42,170,000 1,636,000

Increased production will win the war, and nothing else will do it.

RICE PRODUCTION OF 1917.

The final estimate of rice production of 1917 shows an increased acreage. A reduction of the production from 47 bushels per acre in 1916 to 37.6 bushels in 1917 brought about the decreased total crop.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA...	400	27.0	12,000
ARK...	146,200	41.0	5,994,000
CALIF...	80,000	70.0	5,600,000
FLA...	800	26.0	21,000
GA...	900	30.0	27,000
LA...	500,000	36.5	18,250,000
MISS...	2,100	30.0	63,000
MO...	400	45.0	18,000
N. C...	300	26.0	8,000
S. C...	3,000	25.0	75,000
TEXAS...	230,000	27.0	6,210,000
U. S.	964,100	37.6	36,278,000

Fall Rye Planting—1916 and 1917.

The statement herewith shows that considerable rye was planted in the fall of 1917 over the fall of 1916. The percentage of increase in the United States is placed at 36.6, but North Dakota alone increased 120 per cent. The planting of rye was increased from 4,480,000 acres in 1916 to 6,119,000 acres in 1917, an increase of 1,639,000 acres.

State.	1916. Acres.	1917. Acres.	Inc., Acres.	Dec., Acres.
ALA...	8,000	9,000	1,000	
ARIZ...	000	000	000	
ARK...	10,000	10,000	000	
CALIF...	000	000	000	
COLO...	30,000	30,000	000	
CONN...	8,000	9,000	1,000	
DELA...	1,000	1,000	000	
FLA...	000	000	000	
GA...	20,000	21,000	1,000	
IDA...	3,000	2,000		1,000
ILL...	52,000	57,000	5,000	
IND...	210,000	242,000	32,000	
IOWA...	60,000	63,000	3,000	
KAS...	106,000	105,000		1,000
KY...	35,000	33,000		2,000
LA...	000	000	000	
MAINE...	000	000	000	
MD...	29,000	30,000	1,000	
MASS...	3,000	3,000	000	
MICH...	378,000	438,000	60,000	
MINN...	430,000	452,000	22,000	
MISS...	000	000	000	
MO...	35,000	38,000	3,000	
MONT...	11,000	15,000	4,000	
NEB...	225,000	254,000	29,000	
NEV...	000	000	000	
N. H...	000	000	000	
N. J...	80,000	85,000	5,000	
N. M...	000	000	000	
N. Y...	150,000	165,000	15,000	
N. C...	86,000	91,000	5,000	
N. D...	1,066,000	2,345,000	1,279,000	
OHIO...	100,000	105,000	5,000	
OKLA...	10,000	10,000	000	
ORE...	32,000	35,000	3,000	
PENN...	280,000	283,000	3,000	
R. I...	000	000	000	
S. C...	20,000	21,000	1,000	
S. D...	360,000	486,000	126,000	
TENN...	31,000	33,000	2,000	
TEXAS...	2,000	2,000	000	
UTAH...	15,000	16,000	1,000	
VT...	1,000	1,000	000	
VA...	96,000	99,000	3,000	
WASH...	8,000	9,000	1,000	
W. VA...	23,000	24,000	1,000	
WIS...	446,000	473,000	27,000	
WYO...	20,000	24,000	4,000	
U. S. ...	4,480,000	6,119,000	1,639,000	

Rice Production, 1915-1916.

One of the few crops which exhibited a substantial increase in production in 1916 was rice. The crop of 1914 was 23,649,000 bushels; in 1915 the production was 28,947,000 bushels; and in 1916 the crop was 41,982,000 bushels.

State.	Per Acre, 1915.	Pro- duction, 1915.	Pro- duction, 1916.	Value Per Acre, 1915.
ALA...	25.0	8,000	8,000	18.75
ARK...	48.4	4,840,000	6,312,000	45.98
CAL...	66.7	2,268,000	4,543,000	60.00
FLA...	25.0	12,000	18,000	18.75
GA...	29.3	26,000	16,000	25.78
LA...	34.2	13,714,000	20,392,000	30.78
MISS...	25.0	45,000	53,000	22.00
MO...	50.0	10,000	10,000	50.00
N. C...	21.0	4,000	4,000	17.85
S. C...	24.3	90,000	49,000	21.87
TEX...	30.5	7,930,000	10,575,000	27.14
Total	36.1	28,947,000	41,982,000	33.66

FARM PRODUCTIONS BY STATES

Taken From Original Government
Records, State by State—Grain
Crops and Live Stock Estimates.

The following arrangement is for the purpose of showing at a glance the number of farms in each state, the average size of the farm, the farm population at the last census (to which 10 per cen. can be added), the live stock on hand according to latest (1917) complete reports, also approximately the crops of 1915, 1916 and 1917, as estimated by the United States Department of Agriculture:

ALABAMA

Has 262,901 Farms.
Average 78.9 Acres.

1,767,662 Farm Population.

1916.	LIVE STOCK.	1917.
396,000	Dairy Cows.	405,000
534,000	Other Cattle.	534,000
1,715,000	Swine.	1,850,000
119,000	Sheep.	121,000
76,361	Goats.	79,340
150,000	Horses.	150,000
281,000	Mules.	278,000
1,200	Jack Stock.	1,300

1915	1916	CROPS.
1,200,000	1,045,000	Bu. Wheat.
66,309,000	46,688,000	Bu. Corn.
11,499,000	10,560,000	Bu. Oats.
40,000	52,000	Bu. Rye.
8,000	8,000	Bu. Rice.
1,600,000	1,800,000	Bu. White Potatoes.
7,200,000	6,290,000	Bu. Sweet Potatoes.
362,000	358,000	Tons Tame Hay.
34,000	42,000	Tons Wild Hay.
1,020,000	525,000	Bales Cotton.
100,000	60,000	Pounds Tobacco.
532,000	380,000	Barrels Apples.
2,640,000	1,110,000	Bu. Peaches.
168,000	90,000	Bu. Pears.
380,000	350,000	Pounds Wool.

1917 CROP.

920,000	Bu. Wheat.
77,200,000	Bu. Corn.
9,720,000	Bu. Oats.
000	Bu. Barley.
38,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
12,000	Bu. Rice.
2,932,000	Bu. White Potatoes.
16,020,000	Bu. Sweet Potatoes.
1,158,000	Tons Tame Hay.
37,000	Tons Wild Hay.
146,000	Lbs. Tobacco.
503,000	Bales Cotton.
16,013,000	Bu. Peanuts.
1,433,000	Bu. Apples.
1,830,000	Bu. Peaches.
80,000	Bu. Pears.

ARIZONA

Has 9,227 Farms.
Average 135.1 Acres.

141,004 Farm Population.

1916.	LIVE STOCK.	1917.
53,000	Dairy Cows.	81,000
838,000	Other Cattle.	864,000
40,000	Swine.	80,000
1,849,000	Sheep.	1,632,000
216,327	Goats.	280,000
121,000	Horses.	129,000
7,000	Mules.	8,000
7,100	Jack Stock.	7,200

1915.	1916.	CROPS.
1,092,000	1,160,000	Bu. Wheat.
600,000	770,000	Bu. Corn.
338,000	338,000	Bu. Oats.

1,295,000	1,120,000	Bu. Barley.
95,000	115,000	Bu. White Potatoes.
470,000	627,000	Tons Tame Hay.
10,000	14,000	Tons Wild Hay.
40,000	46,000	Barrels Apples.
60,000	56,000	Bu. Peaches.
22,000	18,000	Bu. Pears.
5,985,000	5,950,000	Pounds Wool.

1917 CROP.

825,000	Bu. Wheat.
864,000	Bu. Corn.
400,000	Bu. Oats.
1,153,000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
420,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
550,000	Tons Tame Hay.
18,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
152,000	Bu. Beans.
1,980,000	Bu. Kaffirs.
135,000	Bu. Apples.
60,000	Bu. Peaches.
21,000	Bu. Pears.

ARKANSAS

Has 214,678 Farms.
Average 81.8 Acres.

1,371,768 Farm Population.

1916.	LIVE STOCK.	1917.
402,000	Dairy Cows.	402,000
523,000	Other Cattle.	550,000
1,589,000	Swine.	1,575,000
124,000	Sheep.	124,000
50,938	Goats.	58,000
270,000	Horses.	275,000
240,000	Mules.	250,000
3,000	Jack Stock.	3,100

1915	1916	CROPS.
2,750,000	2,040,000	Bu. Wheat.
62,100,000	45,135,000	Bu. Corn.
10,125,000	7,350,000	Bu. Oats.
10,000	10,000	Bu. Rye.
4,840,000	6,312,000	Bu. Rice.
2,520,000	1,625,000	Bu. White Potatoes.
3,900,000	3,185,000	Bu. Sweet Potatoes.
560,000	469,000	Tons Tame Hay.
127,000	92,000	Tons Wild Hay.
816,002	1,145,000	Bales Cotton.
300,000	250,000	Pounds Tobacco.
1,183,000	1,018,000	Barrels Apples.
5,940,000	2,520,000	Bu. Peaches.
135,000	68,000	Bu. Pears.
385,000	350,000	Pounds Wool.

1917 CROP.

3,360,000	Bu. Wheat.
67,200,000	Bu. Corn.
9,520,000	Bu. Oats.
000	Bu. Barley.
27,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
5,994,000	Bu. Rice.
2,400,000	Bu. White Potatoes.
4,400,000	Bu. Sweet Potatoes.
573,000	Tons Tame Hay.
99,000	Tons Wild Hay.
210,000	Lbs. Tobacco.
895,000	Bales Cotton.
1,110,000	Bu. Peanuts.
2,683,000	Bu. Apples.
840,000	Bu. Peaches.
102,000	Bu. Pears.

CALIFORNIA

Has 88,197 Farms.
Average 316.7 Acres.

907,810 Farm Population.

1916.	LIVE STOCK.	1917.
568,000	Dairy Cows.	591,000
1,534,000	Other Cattle.	1,636,000
947,000	Swine.	994,000
2,450,000	Sheep.	2,524,000
120,829	Goats.	188,000
493,000	Horses.	468,000
70,000	Mules.	70,000
2,500	Jack Stock.	2,600

1915	1916	CROPS.
7,010,000	5,600,000	Bu. Wheat.
2,624,000	2,048,000	Bu. Corn.
6,963,000	6,500,000	Bu. Oats.
39,140,000	32,320,000	Bu. Barley.
112,000	104,000	Bu. Rye.
2,268,000	4,543,000	Bu. Rice.
10,140,000	10,575,000	Bu. White Potatoes.
810,000	960,000	Bu. Sweet Potatoes.
4,520,000	4,375,000	Tons Tame Hay.
280,000	240,000	Tons Wild Hay.
28,551	60,000	Bales Cotton.
1,238,000	1,439,000	Tons Sugar Beets.
3,825,000	4,175,000	Bu. Beans.
1,563,000	1,918,000	Barrels Apples.
9,768,000	8,769,000	Bu. Peaches.
1,650,000	1,784,000	Bu. Pears.
.....	600,000	Pounds Hemp.
11,590,000	11,600,000	Pounds Wool.

1917 CROP.

7,425,000	Bu. Wheat.
2,400,000	Bu. Corn.
8,860,000	Bu. Oats.
39,150,000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
5,600,000	Bu. Rice.
15,525,000	Bu. White Potatoes.
1,002,000	Bu. Sweet Potatoes.
4,560,000	Tons Tame Hay.
259,000	Tons Wild Hay.
000	Lbs. Tobacco.
67,000	Bales Cotton.
1,318,000	Tons Sugar Beets.
8,035,000	Bu. Beans.
15,708,000	Lbs. Hops.
5,592,000	Bu. Apples.
14,151,000	Bu. Peaches.
3,525,000	Bu. Pears.
8,632,000	Boxes Oranges.

COLORADO

Has 46,170 Farms.
Average 293.1 Acres.

394,184 Farm Population.

1916.	LIVE STOCK.	1917.
219,000	Dairy Cows.	237,000
1,096,000	Other Cattle.	1,150,000
320,000	Swine.	352,000
1,839,000	Sheep.	1,950,000
30,614	Goats.	33,000
361,060	Horses.	365,000
19,000	Mules.	20,000
5,200	Jack Stock.	3,300

1915

1916 CROPS.

13,310,000	11,885,000	Bu. Wheat.
11,280,000	7,362,000	Bu. Corn.
11,700,000	9,570,000	Bu. Oats.
4,680,000	5,120,000	Bu. Barley.
525,000	392,000	Bu. Rye.
9,000	6,000	Bu. Flaxseed.
7,155,000	6,900,000	Bu. White Potatoes.
2,134,000	1,988,000	Tons Tame Hay.
515,000	423,000	Tons Wild Hay.
1,820,000	2,015,000	Tons Sugar Beets.
695,000	735,000	Barrels Apples.
650,000	405,000	Bu. Peaches.
95,000	92,000	Bu. Pears.
340,000	424,000	Bu. Beans.
151,708	100,710	Bu. Onions.
39,700	32,900	Tons Cabbage.
.....	16,300	Pounds Hemp.
400	400	Acres Celery.
7,800,000	8,100,000	Pounds Wool.

1917 CROP.

13,536,000	Bu. Wheat.
10,640,000	Bu. Corn.
11,130,000	Bu. Oats.
5,544,000	Bu. Barley.
432,000	Bu. Rye.
000	Bu. Buckwheat.
14,000	Bu. Flaxseed.
000	Bu. Rice.
9,310,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
2,376,000	Tons Tame Hay.
460,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
1,853,200	Tons Sugar Beets.
1,461,000	Bu. Beans.
1,320,000	Bu. Kafir.
4,650	Tons Broom Corn.
59,400	Tons Cabbage.

2,640,000	Bu. Apples.
1,200,000	Bu. Peaches.
320,000	Bu. Pears.

CONNECTICUT

Has 26,815 Farms.
Average 81.5 Acres.

111,917 Farm Population.

1916.	LIVE STOCK.	1917.
119,000	Dairy Cows.	121,000
72,000	Other Cattle.	73,000
59,000	Swine.	58,000
18,000	Sheep.	18,000
485	Goats.	500
46,000	Horses.	46,000

1915

1916 CROPS.

3,250,000	2,700,000	Bu. Corn.
422,000	450,000	Bu. Oats.
150,000	137,000	Bu. Rye.
60,000	57,000	Bu. Buckwheat.
2,280,000	2,090,000	Bu. White Potatoes.
493,000	574,000	Tons Tame Hay.
12,000	15,000	Tons Wild Hay.
29,970,000	36,186,000	Pounds Tobacco.
511,000	610,000	Barrels Apples.
335,000	136,000	Bu. Peaches.
36,000	16,000	Bu. Pears.
80,000	75,000	Pounds Wool.

1917 CROP.

000	Bu. Wheat.
4,185,000	Bu. Corn.
660,000	Bu. Oats.
000	Bu. Barley.
114,000	Bu. Rye.
52,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
3,190,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
525,000	Tons Tame Hay.
15,000	Tons Wild Hay.
29,540,000	Lbs. Tobacco.
000	Bales Cotton.
1,316,000	Bu. Apples.
268,000	Bu. Peaches.
29,000	Bu. Pears.

DELAWARE

Has 10,836 Farms.
Average 95.9 Acres.

105,237 Farm Population.

1916.	LIVE STOCK.	1917.
42,000	Dairy Cows.	43,000
21,000	Other Cattle.	21,000
61,000	Swine.	60,000
8,000	Sheep.	8,000
36,000	Horses.	36,000
6,000	Mules.	6,000

1915

1916 CROPS.

1,875,000	1,860,000	Bu. Wheat.
6,615,000	6,970,000	Bu. Corn.
134,000	120,000	Bu. Oats.
16,000	15,000	Bu. Rye.
56,000	57,000	Bu. Buckwheat.
1,045,000	90,000	Bu. White Potatoes.
675,000	625,000	Bu. Sweet Potatoes.
84,000	116,000	Tons Tame Hay.
12,000	13,000	Tons Wild Hay.
122,000	83,000	Barrels Apples.
842,000	35,000	Bu. Peaches.
228,000	164,000	Bu. Pears.
30,000	30,000	Pounds Wool.

1917 CROP.

2,162,000	Bu. Wheat.
7,820,000	Bu. Corn.
128,000	Bu. Oats.
000	Bu. Barley.
16,000	Bu. Rye.
60,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
1,235,000	Bu. White Potatoes.
560,000	Bu. Sweet Potatoes.
98,000	Tons Tame Hay.
11,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
450,000	Bu. Apples.
647,000	Bu. Peaches.
294,000	Bu. Pears.

FLORIDA

Has 50,016 Farms.
Average 105.6 Acres.

Farm Population.		
1916.	LIVE STOCK.	1917.
136,000	Dairy Cows.	141,000
772,000	Other Cattle.	865,000
996,000	Swine.	1,100,000
119,000	Sheep.	119,000
30,521	Goats.	47,000
59,000	Horses.	60,000
29,000	Mules.	31,000
1915	1916	CROPS.
12,000,000	12,600,000	Bu. Corn.
1,220,000	900,000	Bu. Oats.
12,000	18,000	Bu. Rice.
900,000	1,110,000	Bu. White Potatoes.
2,576,000	2,500,000	Bu. Sweet Potatoes.
61,000	70,000	Tons Tame Hay.
12,000	10,000	Tons Wild Hay.
47,831	43,000	Bales Cotton.
3,549,000	3,025,000	Pounds Tobacco.
177,000	106,000	Bu. Peaches.
104,000	54,000	Bu. Pears.
330,000	345,000	Pounds Wool.
1917 CROP.		
000	Bu. Wheat.	
13,875,000	Bu. Corn.	
770,000	Bu. Oats.	
000	Bu. Barley.	
000	Bu. Rye.	
000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
21,000	Bu. Rice.	
2,275,000	Bu. White Potatoes.	
3,500,000	Bu. Sweet Potatoes.	
110,000	Tons Tame Hay.	
8,000	Tons Wild Hay.	
3,410,000	Lbs. Tobacco.	
40,000	Bales Cotton.	
1,400,000	Bu. Peanuts.	
000	Bu. Apples.	
122,000	Bu. Peaches.	
46,000	Bu. Pears.	
4,200,000	Boxes Oranges.	

IDAHO

Has 30,807 Farms.
Average 171.5 Acres.

Farm Population.		
1916.	LIVE STOCK.	1917.
126,000	Dairy Cows.	130,000
406,000	Other Cattle.	418,000
344,000	Swine.	292,000
3,102,000	Sheep.	3,195,000
5,797	Goats.	6,000
241,000	Horses.	239,000
4,000	Mules.	4,000
1915	1916.	CROPS.
18,730,000	15,071,000	Bu. Wheat.
770,000	735,000	Bu. Corn.
15,745,000	13,330,000	Bu. Oats.
7,736,000	7,410,000	Bu. Barley.
60,000	31,000	Bu. Rye.
3,590,000	4,030,000	Bu. White Potatoes.
1,828,000	1,812,000	Tons Tame Hay.
157,000	131,000	Tons Wild Hay.
375,000	427,000	Tons Sugar Beets.
573,000	117,000	Barrels Apples.
162,000	23,000	Bu. Peaches.
75,000	50,000	Bu. Pears.
15,285,000	15,000,000	Pounds Wool.
1917 CROP.		
13,830,000	Bu. Wheat.	
682,000	Bu. Corn.	
10,450,000	Bu. Oats.	
5,510,000	Bu. Barley.	
31,000	Bu. Rye.	
000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
000	Bu. Rice.	
6,084,000	Bu. White Potatoes.	
000	Bu. Sweet Potatoes.	
2,175,000	Tons Tame Hay.	
162,000	Tons Wild Hay.	
000	Lbs. Tobacco.	
000	Bales Cotton.	
329,800	Tons Sugar Beets.	
90,000	Bu. Clover Seed.	
1,995,000	Bu. Apples.	
165,000	Bu. Peaches.	
70,000	Bu. Pears.	

GEORGIA

Has 291,027 Farms.
Average 92.6 Acres.

Farm Population.		
1916.	LIVE STOCK.	1917.
414,000	Dairy Cows.	418,000
686,000	Other Cattle.	686,000
2,348,000	Swine.	2,585,000
161,000	Sheep.	150,000
79,959	Goats.	85,000
125,000	Horses.	127,000
315,000	Mules.	321,000
1915	1916	CROPS.
3,573,000	3,803,000	Bu. Wheat.
61,950,000	62,000,000	Bu. Corn.
17,648,000	16,770,000	Bu. Oats.
120,000	124,000	Bu. Rye.
28,000	46,000	Bu. Rice.
1,040,000	900,000	Bu. White Potatoes.
8,075,000	7,520,000	Bu. Sweet Potatoes.
345,000	375,000	Tons Tame Hay.
17,000	18,000	Tons Wild Hay.
1,496,000	1,534,000	Pounds Tobacco.
1,900,000	1,845,000	Bales Cotton.
625,000	541,000	Barrels Apples.
5,330,000	3,510,000	Bu. Peaches.
203,000	135,000	Bu. Pears.
160,000	495,000	Pounds Wool.
1917 CROP.		
2,974,000	Bu. Wheat.	
72,000,000	Bu. Corn.	
10,400,000	Bu. Oats.	
000	Bu. Barley.	
128,000	Bu. Rye.	
000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
27,000	Bu. Rice.	
1,596,000	Bu. White Potatoes.	
11,625,000	Bu. Sweet Potatoes.	
562,000	Tons Tame Hay.	
14,000	Tons Wild Hay.	
1,609,000	Lbs. Tobacco.	
1,820,000	Bales Cotton.	
9,435,000	Bu. Peanuts.	
1,751,000	Bu. Apples.	
4,716,000	Bu. Peaches.	
110,000	Bu. Pears.	

ILLINOIS

Has 251,872 Farms.
Average 129.1 Acres.

Farm Population.		
1916.	LIVE STOCK.	1917.
1,917,000	Dairy Cows.	1,057,000
1,239,000	Other Cattle.	1,251,000
4,189,000	Swine.	4,444,000
997,000	Sheep.	898,000
12,000	Goats.	13,000
1,452,000	Horses.	1,452,000
152,000	Mules.	150,000
2,800	Jack Stock.	3,000
1915.	1916.	CROPS.
53,200,000	16,225,000	Bu. Wheat.
376,164,100	396,800,000	Bu. Corn.
195,435,000	172,095,000	Bu. Oats.
1,836,000	1,920,000	Bu. Barley.
906,000	666,000	Bu. Rye.
68,000	68,000	Bu. Buckwheat.
595,000	525,000	Pounds Tobacco.
13,860,000	7,250,000	Bu. White Potatoes.
880,000	720,000	Bu. Sweet Potatoes.
3,696,000	4,495,000	Tons Tame Hay.
124,000	156,000	Tons Wild Hay.
4,716,000	1,616,000	Barrels Apples.
874,000	810,000	Bu. Peaches.
496,000	351,000	Bu. Pears.
3,975,000	3,835,000	Pounds Wool.
1917 CROP.		
30,400,000	Bu. Wheat.	
118,000,000	Bu. Corn.	
244,400,000	Bu. Oats.	
2,475,000	Bu. Barley.	
752,000	Bu. Rye.	
76,000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
000	Bu. Rice.	
13,500,000	Bu. White Potatoes.	
776,000	Bu. Sweet Potatoes.	
3,438,000	Tons Tame Hay.	
101,000	Tons Wild Hay.	
560,000	Lbs. Tobacco.	
8,250	Tons Broom Corn.	
115,000	Bu. Clover Seed.	
7,500,000	Bu. Apples.	
364,000	Bu. Peaches.	
456,000	Bu. Pears.	

INDIANA

Has 215,485 Farms.
Average 98.8 Acres.

1,557,041 Farm Population.

1916.	LIVE STOCK.	1917.
672,000	Dairy Cows.	706,000
728,000	Other Cattle.	735,000
4,167,000	Swine.	3,970,000
1,038,000	Sheep.	1,005,000
7,000	Goats.	7,000
834,000	Horses.	845,000
95,000	Mules.	95,000
1,646	Jack Stock.	1,700

1915.

1916. CROPS.

47,300,000	19,440,000 Bu. Wheat.
190,950,000	174,658,000 Bu. Corn.
65,520,000	52,500,000 Bu. Oats.
224,000	405,000 Bu. Barley.
2,400,000	2,590,000 Bu. Rye.
70,000	114,000 Bu. Buckwheat.
7,125,000	3,256,000 Bu. White Potatoes.
208,000	300,000 Bu. Sweet Potatoes.
3,030,000	3,312,000 Tons Tame Hay.
78,000	91,000 Tons Wild Hay.
11,340,000	13,764,000 Pounds Tobacco.
3,883,000	1,307,000 Barrels Apples.
648,000	833,000 Bu. Peaches.
410,000	351,000 Bu. Pears.
564,880	744,896 Bu. Onions.
6,500	3,900 Tons Cabbage.
4,690,000	4,420,000 Pounds Wool.

1917 CROP.

33,392,000	Bu. Wheat.
203,436,000	Bu. Corn.
76,440,000	Bu. Oats.
671,000	Bu. Barley.
3,000,000	Bu. Rye.
150,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
8,464,000	Bu. White Potatoes.
318,000	Bu. Sweet Potatoes.
3,004,000	Tons Tame Hay.
88,000	Tons Wild Hay.
14,060,000	Lbs. Tobacco.
60,000	Bu. Beans.
17,280	Tons Cabbage.
202,000	Bu. Clover Seed.
5,915,000	Bu. Apples.
592,000	Bu. Peaches.
410,000	Bu. Pears.

IOWA

Has 217,044 Farms.
Average 156.3 Acres.

1,544,717 Farm Population.

1916.	LIVE STOCK.	1917.
1,391,000	Dairy Cows.	1,405,000
2,737,000	Other Cattle.	2,754,000
9,069,000	Swine.	9,370,000
1,274,000	Sheep.	1,240,000
20,500	Goats.	21,000
1,584,000	Horses.	1,552,000
61,000	Mules.	62,000
1,700	Jack Stock.	1,700

1915

1916 CROPS.

15,557,000	10,450,000 Bu. Wheat.
303,000,000	366,825,000 Bu. Corn.
198,000,000	186,850,000 Bu. Oats.
10,943,000	8,702,000 Bu. Barley.
1,110,000	935,000 Bu. Rye.
91,000	150,000 Bu. Buckwheat.
162,000	180,000 Bu. Flaxseed.
15,540,000	4,830,000 Bu. White Potatoes.
285,000	273,000 Bu. Sweet Potatoes.
5,576,000	5,796,000 Tons Tame Hay.
1,116,000	845,000 Tons Wild Hay.
3,220,000	1,575,000 Barrels Apples.
112,000	64,000 Bu. Peaches.
106,000	65,000 Bu. Pears.
210,800	162,155 Bu. Onions.
28,100	10,800 Tons Cabbage.
5,325,000	4,875,000 Pounds Wool.

1917 CROP.

8,350,000	Bu. Wheat.
410,700,000	Bu. Corn.
246,750,000	Bu. Oats.
10,500,000	Bu. Barley.
900,000	Bu. Rye.
132,000	Bu. Buckwheat.
132,000	Bu. Flaxseed.
000	Bu. Rice.
13,100,000	Bu. White Potatoes.

270,000	Bu. Sweet Potatoes.
3,887,000	Tons Tame Hay.
738,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
42,000	Bu. Beans.
13,260	Tons Cabbage.
30,000	Bu. Clover Seed.
5,775,000	Bu. Apples.
30,000	Bu. Peaches.
82,000	Bu. Pears.

KANSAS

Has 177,841 Farms.
Average 244.0 Acres.

1,107,159 Farm Population.

1916.	LIVE STOCK.	1917.
762,000	Dairy Cows.	900,000
1,945,000	Other Cattle.	2,115,000
3,815,000	Swine.	2,535,000
341,000	Sheep.	348,000
8,800	Goats.	9,000
1,109,000	Horses.	1,120,000
245,000	Mules.	265,000
5,400	Mules.	5,500

1915

1916 CROPS.

106,538,000	98,022,000 Bu. Wheat.
172,050,000	69,500,000 Bu. Corn.
43,725,000	36,425,000 Bu. Oats.
8,370,000	4,800,000 Bu. Barley.
800,000	667,000 Bu. Rye.
14,000	..... Bu. Buckwheat.
205,000	174,000 Bu. Flaxseed.
5,893,000	4,970,000 Bu. White Potatoes.
440,000	368,000 Bu. Sweet Potatoes.
4,062,000	2,601,000 Tons Tame Hay.
2,240,000	1,650,000 Tons Wild Hay.
2,125,000	1,040,000 Barrels Apples.
2,515,000	172,000 Bu. Peaches.
133,000	77,000 Bu. Pears.
1,240,000	1,320,000 Pounds Wool.

1917 CROP.

45,934,000	Bu. Wheat.
128,184,000	Bu. Corn.
70,804,000	Bu. Oats.
7,500,000	Bu. Barley.
1,140,000	Bu. Rye.
000	Bu. Buckwheat.
238,000	Bu. Flaxseed.
000	Bu. Rice.
4,446,000	Bu. White Potatoes.
368,000	Bu. Sweet Potatoes.
2,217,000	Tons Tame Hay.
1,044,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
31,890,000	Bu. Kafirs.
12,000	Tons Broom Corn.
11,000	Bu. Clover Seed.
3,375,000	Bu. Apples.
121,000	Bu. Peaches.
110,000	Bu. Pears.

KENTUCKY

Has 259,185 Farms.
Average 85.6 Acres.

1,734,463 Farm Population.

1916.	LIVE STOCK.	1917.
406,000	Dairy Cows.	418,000
570,000	Other Cattle.	570,000
1,709,000	Swine.	1,589,000
1,555,000	Sheep.	1,555,000
29,000	Goats.	30,000
434,000	Horses.	434,000
229,000	Mules.	224,000
4,900	Jack Stock.	4,700

1915

1916 CROPS.

9,900,000	8,010,000 Bu. Wheat.
114,000,000	95,200,000 Bu. Corn.
5,460,000	6,300,000 Bu. Oats.
180,000	156,000 Bu. Barley.
288,000	246,000 Bu. Rye.
6,426,000	4,116,000 Bu. White Potatoes.
1,050,000	900,000 Bu. Sweet Potatoes.
1,225,000	1,415,000 Tons Tame Hay.
6,000	6,000 Tons Wild Hay.
356,400,000	435,600,000 Pounds Tobacco.
4,170,000	2,147,000 Barrels Apples.
1,320,000	880,000 Bu. Peaches.
264,000	160,000 Bu. Pears.
3,125,000	3,185,000 Pounds Wool.

1917 CROP.

9,000,000	Bu. Wheat.
122,850,000	Bu. Corn.
8,060,000	Bu. Oats.
140,000	Bu. Barley.
375,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
6,720,000	Bu. White Potatoes.
1,140,000	Bu. Sweet Potatoes.
1,268,000	Tons Tame Hay.
8,000	Tons Wild Hay.
126,600,000	Lbs. Tobacco.
000	Bales Cotton.
46,000	Bu. Clover Seed.
9,125,000	Bu. Apples.
1,034,000	Bu. Peaches.
204,000	Bu. Pears.

LOUISIANA

Has 120,546 Farms.
Average 86.6 Acres.

1,159,872 Farm Population.

1916.	LIVE STOCK.	1917.
271,000	Dairy Cows.	274,000
475,000	Other Cattle.	475,000
1,553,000	Swine.	1,584,000
185,000	Sheep.	240,000
57,000	Goats.	58,000
193,000	Horses.	195,000
132,000	Mules.	139,000

1915	1916	CROPS.
45,100,000	44,814,000	Bu. Corn.
3,000,000	2,090,000	Bu. Oats.
13,714,000	20,392,000	Bu. Rice.
1,428,000	1,625,000	Bu. White Potatoes.
5,980,000	5,760,000	Bu. Sweet Potatoes.
438,000	429,000	Tons Tame Hay.
35,000	42,000	Tons Wild Hay.
341,063	440,000	Bales Cotton.
126,000	90,000	Pounds Tobacco.
456,000	560,000	Bu. Peaches.
55,000	39,000	Bu. Pears.
2,000,000	4,172,000	Tons Sugar Cane.
536,000	150,000	Pounds Wool.

1917 CROP.

000	Bu. Wheat.
42,246,000	Bu. Corn.
1,873,000	Bu. Oats.
000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
18,250,000	Bu. Rice.
1,600,000	Bu. White Potatoes.
4,898,000	Bu. Sweet Potatoes.
416,000	Tons Tame Hay.
39,000	Tons Wild Hay.
210,000	Lbs. Tobacco.
615,000	Bales Cotton.
1,015,000	Bu. Peanuts.
000	Bu. Apples.
478,000	Bu. Peaches.
52,000	Bu. Pears.

MAINE

Has 60,016 Farms.
Average 104.9 Acres.

360,928 Farm Population.

1916.	LIVE STOCK.	1917.
159,000	Dairy Cows.	162,000
104,000	Other Cattle.	110,000
102,000	Swine.	100,000
162,000	Sheep.	157,000
112,000	Horses.	109,000

1915	1916	CROPS.
112,000	135,000	Bu. Wheat.
656,000	645,000	Bu. Corn.
6,080,000	6,120,000	Bu. Oats.
132,000	156,000	Bu. Barley.
338,000	336,000	Bu. Buckwheat.
22,010,000	25,500,000	Bu. White Potatoes.
1,397,000	1,740,000	Tons Tame Hay.
23,000	27,000	Tons Wild Hay.
720,000	1,680,000	Barrels Apples.
30,000	38,000	Bu. Pears.
850,000	850,000	Pounds Wool.

1917 CROP.

154,000	Bu. Wheat.
780,000	Bu. Corn.

4,930,000	Bu. Oats.
147,000	Bu. Barley.
000	Bu. Rye.
322,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
20,250,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,566,000	Tons Tame Hay.
21,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
330,000	Bu. Beans.
4,617,000	Bu. Apples.
000	Bu. Peaches.
24,000	Bu. Pears.

MARYLAND

Has 48,923 Farms.
Average 103.4 Acres.

637,154 Farm Population.

1916.	LIVE STOCK.	1917.
181,000	Dairy Cows.	183,000
125,000	Other Cattle.	125,000
359,000	Swine.	359,000
223,000	Sheep.	223,000
2,000	Goats.	2,000
169,000	Horses.	169,000
25,000	Mules.	25,000

1915	1916	CROPS.
10,272,000	10,240,000	Bu. Wheat.
24,850,000	27,300,000	Bu. Corn.
1,530,000	1,357,000	Bu. Oats.
170,000	192,000	Bu. Barley.
396,000	356,000	Bu. Rye.
220,000	189,000	Bu. Buckwheat.
4,268,000	4,085,000	Bu. White Potatoes.
1,010,000	1,134,000	Bu. Sweet Potatoes.
468,000	688,000	Tons Tame Hay.
1,000	6,000	Tons Wild Hay.
16,280,000	19,635,000	Pounds Tobacco.
800,000	843,000	Barrels Apples.
1,243,000	610,000	Bu. Peaches.
483,000	373,000	Bu. Pears.
750,000	750,000	Pounds Wool.

1917 CROP.

11,475,000	Bu. Wheat.
23,080,000	Bu. Corn.
1,457,000	Bu. Oats.
156,000	Bu. Barley.
384,000	Bu. Rye.
220,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
6,000,000	Bu. White Potatoes.
1,180,000	Bu. Sweet Potatoes.
552,000	Tons Tame Hay.
6,000	Tons Wild Hay.
22,594,000	Lbs. Tobacco.
000	Bales Cotton.
2,525,000	Bu. Apples.
973,000	Bu. Peaches.
525,000	Bu. Pears.

MASSACHUSETTS

Has 36,917 Farms.
Average 79.9 Acres.

241,049 Farm Population.

1916.	LIVE STOCK.	1917.
155,000	Dairy Cows.	160,000
35,000	Other Cattle.	38,000
112,000	Swine.	112,000
28,000	Sheep.	25,000
1,200	Goats.	1,200
63,000	Horses.	59,000

1915	1916	CROPS.
2,304,000	1,764,000	Bu. Corn.
324,000	480,000	Bu. Oats.
60,000	56,000	Bu. Rye.
32,000	32,000	Bu. Buckwheat.
3,120,000	2,275,000	Bu. White Potatoes.
1,357,358	1,292,000	Bu. Onions.
705,000	749,000	Tons Tame Hay.
25,000	24,000	Tons Wild Hay.
9,680,000	12,118,000	Pounds Tobacco.
.....	221,000	Barrels Cranberries.
885,000	1,150,000	Barrels Apples.
152,000	66,000	Bu. Peaches.
75,000	114,000	Bu. Pears.
115,000	125,000	Pounds Wool.

1917 CROP.

000	Bu. Wheat.
2,806,000	Bu. Corn.
444,000	Bu. Oats.
000	Bu. Barley.
57,000	Bu. Rye.
30,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
1,370,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
690,000	Tons Tame Hay.
24,000	Tons Wild Hay.
11,833,000	Lbs. Tobacco.
000	Bales Cotton.
40,000	Bu. Beans.
2,186,000	Bu. Apples.
145,000	Bu. Peaches.
71,000	Bu. Pears.

MICHIGAN

Has 206,960 Farms.
Average 91.5 Acres.

1,483,129 Farm Population.

1916.	LIVE STOCK.	1917.
847,000	Dairy Cows.	856,000
735,000	Other Cattle.	720,000
1,462,000	Swine.	1,345,000
1,931,000	Sheep.	1,834,000
5,800	Goats.	6,000
680,000	Horses.	680,000
4,000	Mules.	4,000

1915	1916	CROPS.
20,448,000	13,600,000	Bu. Wheat.
56,000,000	45,375,000	Bu. Corn.
64,260,000	42,600,000	Bu. Oats.
2,508,000	2,450,000	Bu. Barley.
6,045,000	4,618,000	Bu. Rye.
870,000	825,000	Bu. Buckwheat.
20,945,000	15,360,000	Bu. White Potatoes.
41,400	17,400	Tons Cabbage.
223,920	204,820	Bu. Onions.
3,458,000	4,372,000	Tons Tame Hay.
39,600	51,000	Tons Wild Hay.
1,071,000	604,000	Tons Sugar Beets.
4,250,000	3,102,000	Bu. Beans.
3,150,000	4,160,000	Barrels Apples.
2,360,000	2,010,000	Bu. Peaches.
550,000	836,000	Bu. Pears.
3,118	2,134	Acres Celery.
8,075,000	8,275,000	Pounds Wool.

1917 CROP.

15,210,000	Bu. Wheat.
37,625,000	Bu. Corn.
56,575,000	Bu. Oats.
3,445,000	Bu. Barley.
8,115,000	Bu. Rye.
675,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
35,910,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
3,837,000	Tons Tame Hay.
45,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
596,500	Tons Sugar Beets.
3,515,000	Bu. Beans.
53,500	Tons Cabbage.
176,000	Bu. Clover Seed.
5,160,000	Bu. Apples.
744,000	Bu. Peaches.
1,080,000	Bu. Pears.

MINNESOTA

Has 156,137 Farms.
Average 177.3 Acres.

1,225,414 Farm Population.

1916.	LIVE STOCK.	1917.
1,210,000	Dairy Cows.	1,302,000
1,232,000	Other Cattle.	1,340,000
1,716,000	Swine.	1,733,000
536,000	Sheep.	511,000
4,000	Goats.	4,000
872,000	Horses.	900,000
6,000	Mules.	6,000

1915	1916	CROPS.
73,420,000	27,555,000	Bu. Wheat.
62,100,000	84,120,000	Bu. Corn.
131,375,000	88,112,000	Bu. Oats.
41,170,000	26,125,000	Bu. Barley.
5,850,000	5,025,000	Bu. Rye.
122,000	150,000	Bu. Buckwheat.

3,150,000	2,338,000	Bu. Flaxseed.
30,210,000	16,800,000	Bu. White Potatoes.
21,000	9,700	Tons Cabbage.
385,125	211,768	Bu. Onions.
3,209,000	3,496,000	Tons Tame Hay.
2,565,000	2,888,000	Tons Wild Hay.
412,000	422,000	Barrels Apples.
3,660,900	2,695,000	Pounds Wool.

1917 CROP.

37,965,000	Bu. Wheat.
90,000,000	Bu. Corn.
120,250,000	Bu. Oats.
37,800,000	Bu. Barley.
7,585,000	Bu. Rye.
154,000	Bu. Buckwheat.
1,980,000	Bu. Flaxseed.
000	Bu. Rice.
33,600,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
2,868,000	Tons Tame Hay.
2,356,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
23,240	Tons Cabbage.
55,000	Bu. Clover Seed.
1,415,000	Bu. Apples.
000	Bu. Peaches.
000	Bu. Pears.

MISSISSIPPI

Has 274,382 Farms.
Average 67.6 Acres.

1,589,803 Farm Population.

1916.	LIVE STOCK.	1917.
447,000	Dairy Cows.	450,000
535,000	Other Cattle.	535,000
1,617,000	Swine.	1,698,000
208,000	Sheep.	193,000
48,000	Goats.	50,000
213,000	Horses.	243,000
292,000	Mules.	292,000
1,800	Jack Stock.	1,900

1915	1916	CROPS.
100,000	90,000	Bu. Wheat.
69,350,000	47,600,000	Bu. Corn.
5,375,000	5,760,000	Bu. Oats.
15,000	53,000	Bu. Rice.
1,170,000	780,000	Bu. White Potatoes.
8,250,000	6,314,000	Bu. Sweet Potatoes.
350,000	371,000	Tons Tame Hay.
50,000	52,000	Tons Wild Hay.
954,000	800,000	Bales Cotton.
141,000	116,000	Barrels Apples.
1,540,000	1,000,000	Bu. Peaches.
160,000	90,000	Bu. Pears.
520,000	540,000	Pounds Wool.

1917 CROP.

210,000	Bu. Wheat.
84,050,000	Bu. Corn.
5,700,000	Bu. Oats.
000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
63,000	Bu. Rice.
1,092,000	Bu. White Potatoes.
5,525,000	Bu. Sweet Potatoes.
371,000	Tons Tame Hay.
49,000	Tons Wild Hay.
2,820,000	Lbs. Tobacco.
895,000	Bales Cotton.
136,000	Bu. Peanuts.
315,000	Bu. Apples.
375,000	Bu. Peaches.
30,000	Bu. Pears.

MISSOURI

Has 277,244 Farms.
Average 124.8 Acres.

1,894,518 Farm Population.

1916.	LIVE STOCK.	1917.
837,000	Dairy Cows.	845,000
1,555,000	Other Cattle.	1,600,000
4,505,000	Swine.	4,280,000
1,416,000	Sheep.	1,370,000
74,000	Goats.	75,000
1,084,000	Horses.	1,040,000
329,000	Mules.	350,000
12,800	Jack Stock.	14,000

1915	1916	CROPS.
31,108,000	16,575,000	Bu. Wheat.
209,450,000	132,112,000	Bu. Corn.

31,850,000	32,250,000	Bu. Oats.
125,000	100,000	Bu. Barley.
338,000	231,000	Bu. Rye.
45,000	56,000	Bu. Buckwheat.
48,000	35,000	Bu. Flaxseed.
18,000	10,000	Bu. Rice.
8,820,000	5,460,000	Bu. White Potatoes.
700,000	490,000	Bu. Sweet Potatoes.
4,636,000	4,355,000	Tons Tame Hay.
150,000	154,000	Tons Wild Hay.
47,995	62,000	Bales Cotton.
3,150,000	3,040,000	Pounds Tobacco.
6,287,000	2,700,000	Barrels Apples.
3,300,000	1,080,000	Bu. Peaches.
294,000	164,000	Bu. Pears.
4,890,000	4,625,000	Pounds Wool.

1917 CROP.

27,540,000	Bu. Wheat.
252,000,000	Bu. Corn.
59,200,000	Bu. Oats.
150,000	Bu. Barley.
441,000	Bu. Rye.
90,000	Bu. Buckwheat.
51,000	Bu. Flaxseed.
18,000	Bu. Rice.
9,483,000	Bu. White Potatoes.
896,000	Bu. Sweet Potatoes.
3,657,000	Tons Tame Hay.
139,000	Tons Wild Hay.
000	Lbs. Tobacco.
51,000	Bales Cotton.
92,000	Bu. Beans.
18,000	Bu. Peanuts.
85,000	Bu. Clover Seed.
12,375,000	Bu. Apples.
800,000	Bu. Peaches.
265,000	Bu. Pears.

MONTANA

Has 26,214 Farms.
Average 516.7 Acres.

242,633 Farm Population.

1916.	LIVE STOCK.	1917.
129,000	Dairy Cows.	148,000
894,000	Other Cattle.	983,000
298,000	Swine.	269,000
3,941,000	Sheep.	3,744,000
4,500	Goats.	5,000
430,000	Horses.	452,000
4,000	Mules.	4,000

1915 1916 CROPS.

33,285,000	28,655,000	Bu. Wheat.
1,960,000	1,850,000	Bu. Corn.
31,200,000	25,080,000	Bu. Oats.
2,720,000	2,660,000	Bu. Barley.
225,000	205,000	Bu. Rye.
1,890,000	3,088,000	Bu. Flaxseed.
6,045,000	4,875,000	Bu. White Potatoes.
1,550,000	1,402,000	Tons Tame Hay.
701,064	581,000	Tons Wild Hay.
347,000	256,000	Barrels Apples.
12,000	6,000	Bu. Pears.
26,950,000	24,570,000	Pounds Wool.

1917 CROP.

17,963,000	Bu. Wheat.
1,012,000	Bu. Corn.
13,600,000	Bu. Oats.
1,350,000	Bu. Barley.
114,000	Bu. Rye.
000	Bu. Buckwheat.
1,266,000	Bu. Flaxseed.
000	Bu. Rice.
5,415,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,063,000	Tons Tame Hay.
402,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
911,000	Bu. Apples.
000	Bu. Peaches.
11,000	Bu. Pears.

NEBRASKA

Has 129,678 Farms.
Average 297.8 Acres.

881,362 Farm Population.

1916.	LIVE STOCK.	1917.
650,000	Dairy Cows.	676,000
2,237,000	Other Cattle.	2,249,000
4,266,000	Swine.	4,309,000
374,000	Sheep.	581,000
3,000	Goats.	3,500
1,028,000	Horses.	1,018,000

98,000	Mules.	112,000
2,100	Jack Stock.	2,200
1915	1916	CROPS.
22,154,000	68,550,000	Bu. Wheat.
213,000,000	192,400,000	Bu. Corn.
70,400,000	79,875,000	Bu. Oats.
3,255,000	3,080,000	Bu. Barley.
3,500,000	3,072,000	Bu. Rye.
20,000	17,000	Bu. Buckwheat.
77,000	32,000	Bu. Flaxseed.
11,550,000	7,665,000	Bu. White Potatoes.
4,290,000	4,070,000	Tons Tame Hay.
3,480,000	3,130,000	Tons Wild Hay.
1,267,000	567,000	Barrels Apples.
120,000	29,000	Bu. Peaches.
18,000	10,000	Bu. Pears.
1,665,000	1,830,000	Pounds Wool.

1917 CROP.

13,764,000	Bu. Wheat.
249,480,000	Bu. Corn.
115,444,000	Bu. Oats.
5,644,000	Bu. Barley.
3,354,000	Bu. Rye.
32,000	Bu. Buckwheat.
28,000	Bu. Flaxseed.
000	Bu. Rice.
12,495,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
2,544,000	Tons Tame Hay.
2,611,000	Tons Wild Hay.
000	Lbs. Tobacco.
5,000	Bu. Clover Seed.
2,400,000	Bu. Apples.
000	Bu. Peaches.
14,000	Bu. Pears.

NEVADA

Has 2,689 Farms.
Average 1,009.6 Acres.

68,508 Farm Population.

1916.	LIVE STOCK.	1917.
25,000	Dairy Cows.	26,000
472,000	Other Cattle.	470,000
40,000	Swine.	37,000
1,532,000	Sheep.	1,455,000
1,800	Goats.	5,000
77,000	Horses.	73,000
3,000	Mules.	3,000

1915 1916 CROPS.

1,660,000	1,592,000	Bu. Wheat.
35,000	31,000	Bu. Corn.
585,000	602,000	Bu. Oats.
576,000	492,000	Bu. Barley.
2,236,000	2,660,000	Bu. White Potatoes.
675,000	540,000	Tons Tame Hay.
225,000	171,000	Tons Wild Hay.
10,000	16,000	Barrels Apples.
7,000	1,000	Bu. Peaches.
4,000	2,000	Bu. Pears.
9,500,000	10,000,000	Pounds Wool.

1917 CROP.

1,140,000	Bu. Wheat.
60,000	Bu. Corn.
560,000	Bu. Oats.
420,000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
3,105,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
679,000	Tons Tame Hay.
270,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
192,000	Bu. Apples.
6,000	Bu. Peaches.
6,000	Bu. Pears.

NEW HAMPSHIRE

Has 27,053 Farms.
Average 120.1 Acres.

175,473 Farm Population.

1916.	LIVE STOCK.	1917.
97,000	Dairy Cows.	97,000
65,000	Other Cattle.	63,000
55,000	Swine.	53,000
37,000	Sheep.	35,000
47,000	Horses.	44,000

1015 1916 CROPS.

990,000	874,000	Bu. Corn.
456,900	444,000	Bu. Oats.

30,000	28,000	Bu. Barley.
30,000	20,000	Bu. Buckwheat.
1,520,000	1,800,000	Bu. White Potatoes.
504,000	767,000	Tons Tame Hay.
17,000	23,000	Tons Wild Hay.
140,000	165,000	Pounds Tobacco.
353,000	532,000	Barrels Apples.
58,000	24,000	Bu. Peaches.
18,000	25,000	Bu. Pears.
185,000	185,000	Pounds Wool.

1917 CROP.

000	Bu. Wheat.
1,092,000	Bu. Corn.
532,000	Bu. Oats.
31,000	Bu. Barley.
000	Bu. Rye.
38,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
2,247,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
683,000	Tons Tame Hay.
21,000	Tons Wild Hay.
167,000	Lbs. Tobacco.
000	Bales Cotton.
100,000	Bu. Beans.
1,035,000	Bu. Apples.
47,000	Bu. Peaches.
19,000	Bu. Pears.

NEW JERSEY

Has 33,487 Farms.
Average 76.9 Acres.

629,957 Farm Population.

1916.	LIVE STOCK.	1917.
152,000	Dairy Cows.	155,000
73,000	Other Cattle.	74,000
161,000	Swine.	163,000
29,000	Sheep.	29,000
92,000	Horses.	92,000
4,000	Mules.	4,000

1915 1916 CROPS.

1,560,000	1,800,000	Bu. Wheat.
10,830,000	10,800,000	Bu. Corn.
2,275,000	2,070,000	Bu. Oats.
1,420,000	1,330,000	Bu. Rye.
210,000	285,000	Bu. Buckwheat.
12,090,000	10,370,000	Bu. White Potatoes.
3,565,000	2,300,000	Bu. Sweet Potatoes.
525,000	585,000	Tons Tame Hay.
34,000	45,000	Tons Wild Hay.
184,000	163,000	Barrels Cranberries.
777,000	750,000	Barrels Apples.
1,275,000	662,000	Bu. Peaches.
596,000	687,000	Bu. Pears.
95,000	80,000	Pounds Wool.

1917 CROP.

1,691,000	Bu. Wheat.
12,771,000	Bu. Corn.
2,482,000	Bu. Oats.
000	Bu. Barley.
1,276,000	Bu. Rye.
288,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
11,172,000	Bu. White Potatoes.
2,880,000	Bu. Sweet Potatoes.
508,000	Tons Tame Hay.
44,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
80,600	Bu. Beans.
2,041,000	Bu. Apples.
871,000	Bu. Peaches.
590,000	Bu. Pears.

NEW MEXICO

Has 35,676 Farms.
Average 315.9 Acres.

280,730 Farm Population

1916.	LIVE STOCK.	1917.
76,000	Dairy Cows.	85,000
1,090,000	Other Cattle.	1,145,000
91,000	Swine.	101,000
3,440,000	Sheep.	3,300,000
412,000	Goats.	420,000
234,000	Horses.	250,000
17,000	Mules.	19,000
11,800	Jack Stock.	12,000

1915 1916 CROPS.

2,156,000	2,104,000	Bu. Wheat.
2,730,000	2,625,000	Bu. Corn.
2,160,000	1,856,000	Bu. Oats.

264,000	308,000	Bu. Barley.
800,000	816,000	Bu. White Potatoes.
412,000	370,000	Tons Tame Hay.
25,000	13,000	Tons Wild Hay.
368,000	425,000	Bu. Beans.
273,000	119,000	Barrels Apples.
154,000	40,000	Bu. Peaches.
64,000	36,000	Bu. Pears.
18,620,000	18,240,000	Pounds Wool.

1917 CROP.

2,582,000	Bu. Wheat.
3,400,000	Bu. Corn.
1,350,000	Bu. Oats.
364,000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
1,276,000	Bu. White Potatoes.
236,000	Bu. Sweet Potatoes.
1,384,000	Tons Tame Hay.
28,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
958,000	Bu. Beans.
3,510,000	Bu. Kafir.
657,000	Bu. Apples.
60,000	Bu. Peaches.
46,000	Bu. Pears.

NEW YORK

Has 215,597 Farms.
Average 102.2 Acres.

1,928,120 Farm Population.

1916.	LIVE STOCK.	1917.
1,539,000	Dairy Cows.	1,539,000
939,000	Other Cattle.	939,000
799,000	Swine.	759,000
849,000	Sheep.	840,000
3,400	Goats.	4,000
609,000	Horses.	609,000
4,000	Mules.	4,000

1915 1916 CROPS.

9,750,000	9,030,000	Bu. Wheat.
24,200,000	16,200,000	Bu. Corn.
54,270,000	31,356,000	Bu. Oats.
2,720,000	1,887,000	Bu. Barley.
2,805,000	2,713,000	Bu. Rye.
5,320,000	3,480,000	Bu. Buckwheat.
22,010,000	22,400,000	Bu. White Potatoes.
5,900	4,404	Acres Celery.
359,000	96,000	Tons Cabbage.
3,602,137	1,292,265	Bu. Onions.
5,850,000	7,290,000	Tons Tame Hay.
55,000	104,000	Tons Wild Hay.
5,280,000	4,551,000	Pounds Tobacco.
1,250,000	320,000	Bu. Beans.
8,528,000	12,600,000	Barrels Apples.
2,106,000	1,215,000	Bu. Peaches.
1,675,000	1,675,000	Bu. Pears.
3,480,000	3,550,000	Pounds Wool.

1917 CROP.

8,385,000	Bu. Wheat.
26,040,000	Bu. Corn.
44,625,000	Bu. Oats.
3,080,000	Bu. Barley.
2,565,000	Bu. Rye.
5,940,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
38,000,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
6,110,000	Tons Tame Hay.
58,000	Tons Wild Hay.
3,125,000	Lbs. Tobacco.
000	Bales Cotton.
1,575,000	Bu. Beans.
349,680	Tons Cabbage.
2,880,000	Lbs. Hops.
12,000	Bu. Clover Seed.
14,059,000	Bu. Apples.
2,244,000	Bu. Peaches.
1,708,000	Bu. Pears.

NORTH CAROLINA

Has 253,725 Farms.
Average 88.4 Acres.

1,887,813 Farm Population.

1916.	LIVE STOCK.	1917.
321,000	Dairy Cows.	315,000
387,000	Other Cattle.	384,000
1,601,000	Swine.	1,550,000
170,000	Sheep.	140,000

35,000	Goats.	36,000
182,000	Horses.	185,000
196,006	Mules.	200,000
1,000	Jack Stock.	1,100
1915	1916 CROPS.	
10,835,000	9,975,000 Bu. Wheat.	
64,050,000	53,650,000 Bu. Corn.	
8,050,000	6,562,000 Bu. Oats.	
575,000	534,000 Bu. Rye.	
175,000	175,000 Bu. Buckwheat.	
4,000	4,000 Bu. Rice.	
3,150,000	3,230,000 Bu. White Potatoes.	
8,925,000	9,309,000 Bu. Sweet Potatoes.	
648,000	507,000 Tons Tame Hay.	
60,000	44,000 Tons Wild Hay.	
708,000	645,000 Bales Cotton.	
198,400,000	176,000,000 Pounds Tobacco.	
1,972,000	2,358,000 Barrels Apples.	
1,955,000	897,000 Bu. Peaches.	
150,000	75,000 Bu. Pears.	
545,000	570,000 Pounds Wool.	

1917 CROP.

9,765,000	Bu. Wheat.	
60,000,000	Bu. Corn.	
5,780,000	Bu. Oats.	
000	Bu. Barley.	
520,000	Bu. Rye.	
240,000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
5,000	Bu. Rice.	
4,500,000	Bu. White Potatoes.	
8,550,000	Bu. Sweet Potatoes.	
528,000	Tons Tame Hay.	
10,000	Tons Wild Hay.	
204,750,000	Lbs. Tobacco.	
570,000	Bales Cotton.	
7,676,000	Bu. Peanuts.	
6,156,000	Bu. Apples.	
1,541,000	Bu. Peaches.	
150,000	Bu. Pears.	

NORTH DAKOTA

Has 74,360 Farms.
Average 382.3 Acres.

513,820 Farm Population.

1916.	LIVE STOCK.	1917.
373,000	Dairy Cows.	410,000
577,000	Other Cattle.	629,000
706,000	Swine.	650,000
250,000	Sheep.	250,000
1,000	Goats.	1,000
801,000	Horses.	825,000
9,000	Mules.	9,000

1915 1916 CROPS.

151,970,000	39,352,000 Bu. Wheat.
9,800,000	13,315,000 Bu. Corn.
98,000,000	53,750,000 Bu. Oats.
44,500,000	26,738,000 Bu. Barley.
2,700,000	1,655,000 Bu. Rye.
6,534,000	8,137,000 Bu. Flaxseed.
7,200,000	6,975,000 Bu. White Potatoes.
660,000	884,000 Tons Tame Hay.
2,500,000	2,670,000 Tons Wild Hay.
1,260,000	1,350,000 Pounds Wool.

1917 CROP.

56,000,000	Bu. Wheat.
5,310,000	Bu. Corn.
38,625,000	Bu. Oats.
22,812,000	Bu. Barley.
9,880,000	Bu. Rye.
000	Bu. Buckwheat.
3,764,000	Bu. Flaxseed.
000	Bu. Rice.
3,870,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
484,000	Tons Tame Hay.
1,417,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
000	Bu. Peaches.
000	Bu. Pears.
000	Bu. Apples.

OHIO

Has 272,045 Farms.
Average 88.6 Acres.

2,101,978 Farm Population.

1916.	LIVE STOCK..	1917.
922,000	Dairy Cows.	950,000
872,000	Other Cattle.	863,000
3,713,000	Swine.	3,527,000
3,067,000	Sheep.	2,944,000

5,600	Goats.	6,000
901,000	Horses.	892,000
26,000	Mules.	26,000
1915	1916 CROPS.	
40,194,000	20,250,000 Bu. Wheat.	
156,040,000	115,762,000 Bu. Corn.	
69,003,000	48,076,000 Bu. Oats.	
930,000	917,000 Bu. Barley.	
1,750,000	1,088,000 Bu. Rye.	
414,000	836,000 Bu. Buckwheat.	
12,546,000	6,300,000 Bu. White Potatoes.	
95,000	99,000 Bu. Sweet Potatoes.	
1,058	1,097 Acres Celery.	
27,100	11,900 Tons Cabbage.	
272,034	1,445,109 Bu. Onions.	
4,049,000	4,867,000 Tons Tame Hay.	
3,600	3,000 Tons Wild Hay.	
84,330,000	95,000,000 Pounds Tobacco.	
289,000	183,000 Tons Sugar Beets.	
5,984,000	2,867,000 Barrels Apples.	
2,899,000	1,305,000 Bu. Peaches.	
560,000	376,000 Bu. Pears.	
13,600,000	13,650,000 Pounds Wool.	

1917 CROP.

41,140,000	Bu. Wheat.
150,100,000	Bu. Corn.
78,100,000	Bu. Oats.
1,320,000	Bu. Barley.
430,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
16,000,000	Bu. White Potatoes.
95,000	Bu. Sweet Potatoes.
4,154,000	Tons Tame Hay.
3,000	Tons Wild Hay.
99,072,000	Lbs. Tobacco.
000	Bales Cotton.
242,300	Tons Sugar Beets.
35,000	Bu. Beans.
38,610	Tons Cabbage.
171,000	Bu. Clover Seed.
6,336,000	Bu. Apples.
496,000	Bu. Peaches.
334,000	Bu. Pears.

OKLAHOMA

Has 190,192 Farms.
Average 151.7 Acres.

1,337,000 Farm Population.

1916.	LIVE STOCK.	1917.
519,000	Dairy Cows.	535,000
1,186,000	Other Cattle.	1,222,000
1,401,000	Swine.	1,372,000
95,000	Sheep.	104,000
22,000	Goats.	26,000
743,000	Horses.	743,000
232,000	Mules.	276,000
5,900	Jack Stock.	6,000

1915 1916 CROPS.

36,540,000	29,585,000 Bu. Wheat.
123,900,000	53,325,000 Bu. Corn.
37,800,000	15,070,000 Bu. Oats.
212,000	100,000 Bu. Barley.
81,000	90,000 Bu. Rye.
2,975,000	1,802,000 Bu. White Potatoes.
1,380,000	962,000 Bu. Sweet Potatoes.
1,058,000	825,000 Tons Tame Hay.
791,000	645,000 Tons Wild Hay.
630,000	835,000 Bales Cotton.
780,000	275,000 Bu. Apples.
2,408,000	300,000 Bu. Peaches.
68,000	11,000 Bu. Pears.
490,000	500,000 Pounds Wool.

1917 CROP.

36,650,000	Bu. Wheat.
33,150,000	Bu. Corn.
26,450,000	Bu. Oats.
162,000	Bu. Barley.
90,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
2,484,000	Bu. White Potatoes.
1,350,000	Bu. Sweet Potatoes.
920,000	Tons Tame Hay.
450,000	Tons Wild Hay.
000	Lbs. Tobacco.
890,000	Bales Cotton.
000	Tons Sugar Beets.
000	Bu. Beans.
22,400,000	Bu. Kaffirs.
26,250	Tons Broom Corn.
544,000	Bu. Peanuts.
1,300,000	Bu. Apples.
1,150,000	Bu. Peaches.
45,000	Bu. Pears.

OREGON

Has 45,705 Farms.
Average 256.8 Acres.

365,705 Farm Population.

1916.	LIVE STOCK.	1917.
21,600	Dairy Cows.	222,000
553,000	Other Cattle.	577,000
396,000	Swine.	315,000
2,563,000	Sheep.	2,484,000
185,000	Goats.	188,000
295,000	Horses.	286,000
10,000	Mules.	10,000

1915	1916	CROPS.
20,025,000	19,550,000	Bu. Wheat.
1,155,000	1,340,000	Bu. Corn.
16,060,000	17,280,000	Bu. Oats.
4,680,000	5,390,000	Bu. Barley.
414,000	510,000	Bu. Rye.
5,520,000	8,250,000	Bu. White Potatoes.
276,400	363,500	Bu. Onions.
1,870,000	1,955,000	Tons Tame Hay.
268,000	220,000	Tons Wild Hay.
1,043,000	1,285,000	Barrels Apples.
432,000	225,000	Bu. Peaches.
525,000	555,000	Bu. Pears.
14,820,000	13,200,000	Pounds Wool.

1917 CROP.

12,811,000	Bu. Wheat.
1,260,000	Bu. Corn.
9,125,000	Bu. Oats.
5,278,000	Bu. Barley.
356,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
8,100,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,638,000	Tons Tame Hay.
218,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
5,000,000	Lbs. Hops.
30,000	Bu. Clover Seed.
3,500,000	Bu. Apples.
250,000	Bu. Peaches.
600,000	Bu. Pears.

PENNSYLVANIA

Has 219,295 Farms.
Average 84.8 Acres.

3,034,411 Farm Population.

1916.	LIVE STOCK.	1917.
971,000	Dairy Cows.	980,000
657,000	Other Cattle.	664,000
1,210,000	Swine.	1,174,000
856,000	Sheep.	835,000
3,800	Goats.	4,000
602,000	Horses.	596,000
47,000	Mules.	48,000

1915	1916	CROPS.
24,605,000	26,125,000	Bu. Wheat.
58,520,520	56,550,000	Bu. Corn.
43,320,000	25,030,000	Bu. Oats.
236,000	300,000	Bu. Barley.
4,932,000	4,420,000	Bu. Rye.
3,754,000	3,780,000	Bu. Buckwheat.
20,160,000	19,040,000	Bu. White Potatoes.
105,000	100,000	Bu. Sweet Potatoes.
2,737	2,553	Acres Celery.
101,000	71,400	Bu. Onions.
4,340,000	5,208,000	Tons Tame Hay.
14,000	23,000	Tons Wild Hay.
12,390,000	19,096,000	Pounds Tobacco.
5,085,000	6,207,000	Barrels Apples.
2,044,000	1,058,000	Bu. Peaches.
494,000	509,000	Bu. Pears.
4,030,000	4,225,000	Pounds Wool.

1917 CROP.

24,482,000	Bu. Wheat.
62,212,000	Bu. Corn.
41,125,000	Bu. Oats.
364,000	Bu. Barley.
4,420,000	Bu. Rye.
6,300,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
29,532,000	Bu. White Potatoes.
110,000	Bu. Sweet Potatoes.
4,329,000	Tons Tame Hay.
15,000	Tons Wild Hay.
58,100,000	Lbs. Tobacco.
104,000	Bu. Beans.
7,000	Bu. Clover Seed.

12,150,000 Bu. Apples.
1,440,000 Bu. Peaches.
448,000 Bu. Pears.

RHODE ISLAND

Has 5,292 Farms.
Average 83.8 Acres.

17,956 Farm Population.

1916.	LIVE STOCK.	1917.
22,000	Dairy Cows.	22,000
10,000	Other Cattle.	11,000
15,000	Swine.	14,000
6,000	Sheep.	5,000
9,000	Horses.	8,000

1915	1916	CROPS.
516,000	341,000	Bu. Corn.
66,000	54,000	Bu. Oats.
550,000	370,000	Bu. White Potatoes.
71,000	81,000	Tons Tame Hay.
1,000	1,000	Tons Wild Hay.
59,000	87,000	Barrels Apples.
29,000	14,000	Bu. Peaches.
10,000	14,000	Bu. Pears.
25,000	25,000	Pounds Wool.

1917 CROP.

000	Bu. Wheat.
516,000	Bu. Corn.
62,000	Bu. Oats.
000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
675,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
90,000	Tons Tame Hay.
1,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
198,000	Bu. Apples.
20,000	Bu. Peaches.
7,000	Bu. Pears.

SOUTH CAROLINA

Has 176,434 Farms.
Average 76.6 Acres.

1,290,568 Farm Population.

1916.	LIVE STOCK.	1917.
189,000	Dairy Cows.	189,000
215,000	Other Cattle.	215,000
917,900	Swine.	920,000
30,900	Sheep.	30,000
27,000	Goats.	26,000
84,000	Horses.	85,000
171,000	Mules.	174,000

1915	1916	CROPS.
2,430,000	2,226,000	Bu. Wheat.
35,558,000	32,008,000	Bu. Corn.
9,975,000	9,000,000	Bu. Oats.
30,000	49,000	Bu. Rye.
90,000	49,000	Bu. Rice.
880,000	750,000	Bu. White Potatoes.
6,235,000	5,676,000	Bu. Sweet Potatoes.
286,000	325,000	Tons Tame Hay.
14,000	15,000	Tons Wild Hay.
1,160,000	920,000	Bales Cotton.
37,700,000	20,280,000	Pounds Tobacco.
221,000	196,000	Barrels Apples.
864,000	541,000	Bu. Peaches.
91,000	56,000	Bu. Pears.
100,000	95,000	Pounds Wool.

1917 CROP.

1,838,000	Bu. Wheat.
43,947,000	Bu. Corn.
6,000,000	Bu. Oats.
000	Bu. Barley.
170,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
75,000	Bu. Rice.
1,440,000	Bu. White Potatoes.
7,600,000	Bu. Sweet Potatoes.
280,000	Tons Tame Hay.
10,000	Tons Wild Hay.
51,120,000	Lbs. Tobacco.
1,235,000	Bales Cotton.
450,000	Bu. Peanuts.
818,000	Bu. Apples.
1,130,000	Bu. Peaches.
100,000	Bu. Pears.

SOUTH DAKOTA

Has 77,644 Farms.
Average 335.1 Acres.

507,215 Farm Population.

1916.	LIVE STOCK.	1917.
485,000	Dairy Cows.	524,000
1,064,000	Other Cattle.	1,181,000
1,314,000	Swine.	1,432,000
604,000	Sheep.	658,000
2,100	Goats.	2,400
759,000	Horses.	771,000
15,000	Mules.	15,000
1915	1916 CROPS.	
63,762,000	24,825,000 Bu. Wheat.	
94,250,000	84,075,000 Bu. Corn.	
72,450,000	56,425,000 Bu. Oats.	
21,000,000	18,728,000 Bu. Barley.	
3,900,000	4,500,000 Bu. Rye.	
1,650,000	1,395,000 Bu. Flaxseed.	
7,280,000	4,290,000 Bu. White Potatoes.	
1,220,000	1,387,000 Tons Tame Hay.	
4,340,000	3,909,000 Tons Wild Hay.	
100,000	116,000 Barrels Apples.	
3,150,000	3,560,000 Pounds Wool.	

1917 CROP.

52,024,000	Bu. Wheat.
97,150,000	Bu. Corn.
65,450,000	Bu. Oats.
26,320,000	Bu. Barley.
5,600,000	Bu. Rye.
000	Bu. Buckwheat.
950,000	Bu. Flaxseed.
000	Bu. Rice.
7,200,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,102,000	Tons Tame Hay.
2,925,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
349,000	Bu. Apples.
000	Bu. Peaches.
000	Bu. Pears.

TENNESSEE

Has 246,012 Farms.
Average 81.5 Acres.

1,743,744 Farm Population.

1916.	LIVE STOCK.	1917.
366,000	Dairy Cows.	366,000
518,000	Other Cattle.	528,000
1,531,000	Swine.	1,485,000
661,000	Sheep.	650,000
43,000	Goats.	41,000
349,000	Horses.	350,000
272,000	Mules.	270,000
7,900	Jack Stock.	8,000
1915	1916 CROPS.	
9,030,000	7,953,000 Bu. Wheat.	
94,500,000	84,500,000 Bu. Corn.	
8,746,000	7,560,000 Bu. Oats.	
144,000	257,000 Bu. Barley.	
189,000	150,000 Bu. Rye.	
54,000	54,000 Bu. Buckwheat.	
3,168,000	2,952,000 Bu. White Potatoes.	
2,835,000	2,700,000 Bu. Sweet Potatoes.	
1,396,000	1,449,000 Tons Tame Hay.	
32,000	38,000 Tons Wild Hay.	
295,000	378,000 Bales Cotton.	
69,675,000	81,760,000 Pounds Tobacco.	
2,025,000	1,772,000 Barrels Apples.	
2,160,000	1,080,000 Bu. Peaches.	
195,000	59,000 Bu. Pears.	
1,870,000	1,870,000 Pounds Wool.	

1917 CROP.

4,830,000	Bu. Wheat.
111,150,000	Bu. Corn.
7,350,000	Bu. Oats.
120,000	Bu. Barley.
120,000	Bu. Rye.
68,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
4,888,000	Bu. White Potatoes.
2,850,000	Bu. Sweet Potatoes.
1,142,000	Tons Tame Hay.
31,000	Tons Wild Hay.
81,810,000	Lbs. Tobacco.
206,000	Bales Cotton.
60,000	Bu. Beans.
450,000	Bu. Peanuts.
12,000	Bu. Clover Seed.
5,000,000	Bu. Apples.
900,000	Bu. Peaches.
75,000	Bu. Pears.

TEXAS

Has 417,770 Farms.
Average 269.1 Acres.

2,958,438 Farm Population.

1916.	LIVE STOCK.	1917.
1,119,000	Dairy Cows.	1,175,000
5,428,000	Other Cattle.	5,482,000
3,197,000	Swine.	3,229,000
2,156,000	Sheep.	2,328,000
1,135,000	Goats.	1,150,000
1,180,000	Horses.	1,156,000
768,000	Mules.	760,000
20,000	Jack Stock.	21,000
1915	1916 CROPS.	
22,862,000	13,200,000 Bu. Wheat.	
175,070,000	131,100,000 Bu. Corn.	
44,375,000	42,750,000 Bu. Oats.	
252,000	153,000 Bu. Barley.	
34,000	20,000 Bu. Rye.	
7,930,000	10,575,000 Bu. Rice.	
2,730,000	2,000,000 Bu. White Potatoes.	
5,880,000	7,120,000 Bu. Sweet Potatoes.	
765,000	576,000 Tons Tame Hay.	
343,000	262,000 Tons Wild Hay.	
3,175,000	3,775,000 Bales Cotton.	
100,000	140,000 Pounds Tobacco.	
137,000	156,000 Barrels Apples.	
4,235,000	3,025,000 Bu. Peaches.	
301,000	322,000 Bu. Pears.	
9,750,000	10,250,000 Pounds Wool.	

1917 CROP.

16,200,000	Bu. Wheat.
77,285,000	Bu. Corn.
37,050,000	Bu. Oats.
180,000	Bu. Barley.
20,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
6,210,000	Bu. Rice.
2,760,000	Bu. White Potatoes.
6,552,000	Bu. Sweet Potatoes.
450,000	Tons Tame Hay.
164,000	Tons Wild Hay.
134,000	Lbs. Tobacco.
3,115,000	Bales Cotton.
14,766,000	Bu. Kaffirs.
688	Tons Broom Corn.
16,200,000	Bu. Peanuts.
345,000	Bu. Apples.
2,352,000	Bu. Peaches.
280,000	Bu. Pears.

UTAH

Has 21,676 Farms.
Average 156.7 Acres.

200,417 Farm Population.

1916.	LIVE STOCK.	1917.
96,000	Dairy Cows.	91,000
408,000	Other Cattle.	408,000
112,000	Swine.	101,000
2,089,000	Sheep.	2,089,000
28,000	Goats.	29,000
146,000	Horses.	138,000
2,000	Mules.	2,000
1,100	Jack Stock.	1,200
1915	1916 CROPS.	
8,825,000	6,900,000 Bu. Wheat.	
412,000	429,000 Bu. Corn.	
4,700,000	4,480,000 Bu. Oats.	
1,445,000	1,224,000 Bu. Barley.	
202,000	144,000 Bu. Rye.	
2,500,000	3,600,000 Bu. White Potatoes.	
985,000	845,000 Tons Tame Hay.	
10,000	102,000 Tons Wild Hay.	
691,000	941,000 Tons Sugar Beets.	
142,000	33,000 Barrels Apples.	
212,000	90,000 Bu. Peaches.	
31,000	12,000 Bu. Pears.	
15,000,000	15,000,000 Pounds Wool.	

1917 CROP.

5,650,000	Bu. Wheat.
500,000	Bu. Corn.
4,400,000	Bu. Oats.
1,221,000	Bu. Barley.
104,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
4,347,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,137,000	Tons Tame Hay.
119,000	Tons Wild Hay.
000	Lbs. Tobacco.

900	Bales Cotton.
776,400	Tons Sugar Beets.
650,000	Bu. Apples.
900,000	Bu. Peaches.
48,000	Bu. Pears.

VERMONT

Has 32,709 Farms.
Average 142.6 Acres.

187,013 Farm Population.

1916.	LIVE STOCK.	1917.
273,000	Dairy Cows.	281,000
170,000	Other Cattle.	172,000
113,000	Swine.	113,000
100,000	Sheep.	100,000
89,000	Horses.	89,000

1915 1916 CROPS.

30,000	25,000	Bu. Wheat.
2,256,000	1,935,000	Bu. Corn.
3,483,000	2,560,000	Bu. Oats.
420,000	412,000	Bu. Barley.
17,000	20,000	Bu. Rye.
216,000	210,000	Bu. Buckwheat.
2,592,000	2,676,000	Bu. White Potatoes.
1,310,000	1,666,000	Tons Tame Hay.
14,000	18,000	Tons Wild Hay.
130,000	160,000	Pounds Tobacco.
324,000	1,101,000	Barrels Apples.
17,000	24,000	Bu. Pears.
590,000	580,000	Pounds Wool.

1917 CROP.

60,000	Bu. Wheat.
2,538,000	Bu. Corn.
3,168,000	Bu. Oats.
493,000	Bu. Barley.
20,000	Bu. Rye.
286,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
3,000,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,531,000	Tons Tame Hay.
13,000	Tons Wild Hay.
165,000	Lbs. Tobacco.
100,000	Bu. Beans.
1,286,000	Bu. Apples.
000	Bu. Peaches.
14,000	Bu. Pears.

VIRGINIA

Has 184,018 Farms.
Average 105.9 Acres.

1,585,083 Farm Population.

1916.	LIVE STOCK.	1917.
359,000	Dairy Cows.	373,000
472,000	Other Cattle.	486,000
1,023,000	Swine.	1,023,000
734,000	Sheep.	686,000
7,000	Goats.	7,000
361,000	Horses.	361,000
64,000	Mules.	64,000

1915 1916 CROPS.

16,274,000	16,250,000	Bu. Wheat.
60,562,000	60,990,000	Bu. Corn.
5,625,000	5,750,000	Bu. Oats.
348,000	358,000	Bu. Barley.
1,015,000	938,000	Bu. Rye.
520,000	480,000	Bu. Buckwheat.
17,500,000	16,250,000	Bu. White Potatoes.
3,740,000	5,070,000	Bu. Sweet Potatoes.
945,000	1,066,000	Tons Tame Hay.
12,900	6,100	Tons Cabbage.
9,000	9,000	Tons Wild Hay.
16,800	29,000	Bales Cotton.
144,375,000	129,200,000	Pounds Tobacco.
4,393,000	4,433,000	Barrels Apples.
1,300,000	598,000	Bu. Peaches.
261,000	122,000	Bu. Pears.
1,835,000	1,900,000	Pounds Wool.

1917 CROP.

17,920,000	Bu. Wheat.
72,275,000	Bu. Corn.
5,512,000	Bu. Oats.
360,000	Bu. Barley.
1,155,000	Bu. Rye.
696,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
19,800,000	Bu. White Potatoes.
4,160,000	Bu. Sweet Potatoes.
986,000	Tons Tame Hay.

10,000	Tons Wild Hay.
129,500,000	Lbs. Tobacco.
16,000	Bales Cotton.
15,050	Tons Cabbage.
5,775,000	Bu. Peanuts.
9,974,000	Bu. Apples.
800,000	Bu. Peaches.
194,000	Bu. Pears.

WASHINGTON

Has 56,192 Farms.
Average 208.4 Acres.

536,460 Farm Population.

1916.	LIVE STOCK.	1917.
263,000	Dairy Cows.	263,000
221,000	Other Cattle.	275,000
314,000	Swine.	283,000
568,000	Sheep.	585,000
8,500	Goats.	9,000
308,000	Horses.	305,000
15,000	Mules.	18,000

1915 1916 CROPS.

50,394,000	37,635,000	Bu. Wheat.
1,053,000	1,406,000	Bu. Corn.
13,750,000	14,300,000	Bu. Oats.
7,263,000	6,811,000	Bu. Barley.
146,000	102,000	Bu. Rye.
8,235,000	9,900,000	Bu. White Potatoes.
232,400	299,628	Bu. Onions.
1,868,000	2,006,000	Tons Tame Hay.
32,000	42,000	Tons Wild Hay.
2,433,000	3,225,000	Barrels Apples.
566,000	415,000	Bu. Peaches.
564,000	531,000	Bu. Pears.
4,560,000	4,750,000	Pounds Wool.

1917 CROP.

29,218,000	Bu. Wheat.
1,517,000	Bu. Corn.
11,240,000	Bu. Oats.
4,930,000	Bu. Barley.
89,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
9,875,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,778,000	Tons Tame Hay.
41,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
128,000	Bu. Beans.
4,200,000	Lbs. Hops.
17,897,000	Bu. Apples.
504,000	Bu. Peaches.
595,000	Bu. Pears.

WEST VIRGINIA

Has 96,685 Farms.
Average 103.7 Acres.

992,877 Farm Population.

1916.	LIVE STOCK.	1917.
341,000	Dairy Cows.	245,000
362,000	Other Cattle.	369,000
378,000	Swine.	380,000
796,000	Sheep.	715,000
5,700	Goats.	6,000
194,000	Horses.	196,000
12,000	Mules.	12,000

1915 1916 CROPS.

4,500,000	4,640,000	Bu. Wheat.
25,200,000	22,112,000	Bu. Corn.
3,480,000	3,220,000	Bu. Oats.
224,000	320,000	Bu. Rye.
836,000	659,000	Bu. Buckwheat.
5,850,000	4,224,000	Bu. White Potatoes.
220,000	280,000	Bu. Sweet Potatoes.
1,095,000	1,270,000	Tons Tame Hay.
7,000	7,000	Tons Wild Hay.
9,831,000	12,690,000	Pounds Tobacco.
2,512,000	3,334,000	Barrels Apples.
1,164,000	520,000	Bu. Peaches.
63,000	42,000	Bu. Pears.
2,750,000	2,750,000	Pounds Wool.

1917 CROP.

4,410,000	Bu. Wheat.
25,020,000	Bu. Corn.
3,861,000	Bu. Oats.
000	Bu. Barley.
270,000	Bu. Rye.
900,000	Bu. Buckwheat.
000	Bu. Flaxseed.

000	Bu. Rice.
7,475,000	Bu. White Potatoes.
280,000	Bu. Sweet Potatoes.
1,003,000	Tons Tame Hay.
7,000	Tons Wild Hay.
9,040,000	Lbs. Tobacco.
144,000	Bu. Beans.
5,994,000	Bu. Apples.
608,000	Bu. Peaches.
33,000	Bu. Pears.

WISCONSIN

Has 177,127 Farms.
Average 119.0 Acres.

1,329,540	Farm Population.	
1916.	LIVE STOCK.	1917.
1,675,000	Dairy Cows.	1,750,000
1,313,000	Other Cattle.	1,340,000
2,142,000	Swine.	2,060,000
664,000	Sheep.	645,000
5,000	Goats.	5,000
712,000	Horses.	715,000
3,000	Mules.	3,000

1915	1916	CROPS.
4,632,000	3,315,000	Bu. Wheat.
40,825,000	60,840,000	Bu. Corn.
99,475,000	81,400,000	Bu. Oats.
23,288,000	18,300,000	Bu. Barley.
7,770,000	6,055,000	Bu. Rye.
234,000	280,000	Bu. Buckwheat.
94,000	60,000	Bu. Flaxseed.
25,926,000	13,630,000	Bu. White Potatoes.
134,500	58,000	Tons Cabbage.
36,000	31,000	Barrels Cranberries.
285,950	220,932	Bu. Onions.
4,508,000	4,420,000	Tons Tame Hay.
420,000	481,000	Tons Wild Hay.
36,900,000	55,753,000	Pounds Tobacco.
2,250,000	2,510,000	Pounds Wool.
23,000	26,000	Bu. Pears.
1,473,000	873,000	Barrels Apples.

1917 CROP.

5,327,000	Bu. Wheat.
42,196,000	Bu. Corn.
99,000,000	Bu. Oats.
19,200,000	Bu. Barley.
7,585,000	Bu. Rye.
281,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
34,998,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
4,595,000	Tons Tame Hay.
427,000	Tons Wild Hay.
45,885,000	Lbs. Tobacco.
000	Bales Cotton.
262,000	Bu. Beans.
121,900	Tons Cabbage.
300,000	Bu. Clover Seed.
3,029,000	Bu. Apples.
000	Bu. Peaches.
000	Bu. Pears.

WYOMING

Has 10,987 Farms.
Average 717 Acres.

102,744 Farm Population.		
1916.	LIVE STOCK.	1917.
50,000	Dairy Cows.	55,000
703,000	Other Cattle.	825,000
70,000	Swine.	69,000
4,338,000	Sheep.	4,381,000
3,000	Goats.	3,000
180,000	Horses.	191,000
2,000	Mules.	3,000

1915	1916	CROPS.
3,313,000	3,560,000	Bu. Wheat.
625,090	550,000	Bu. Corn.
9,534,000	8,575,000	Bu. Oats.
612,000	825,000	Bu. Barley.
180,000	155,000	Bu. Rye.
25,000	14,000	Bu. Flaxseed.
2,400,000	2,340,000	Bu. White Potatoes.
1,210,000	1,044,000	Tons Tame Hay.
292,000	255,000	Tons Wild Hay.
29,200,000	31,000,000	Pounds Wool.

1917 CROP.

4,206,000	Bu. Wheat.
660,000	Bu. Corn.
9,468,000	Bu. Oats.
783,000	Bu. Barley.

252,000	Bu. Rye.
000	Bu. Buckwheat.
20,000	Bu. Flaxseed.
000	Bu. Rice.
4,650,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
952,000	Tons Tame Hay.
300,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
000	Bu. Apples.
000	Bu. Peaches.
000	Bu. Pears.

ASPARAGUS, GREEN BEANS AND BEETS.

For general information, the number of farms reporting the production of asparagus, green beans and table beets are here given. The information was gained in a normal census year. The total amount of products is not included, for the reason that some of these vegetables have no standard units of packages. This is not an up-to-date report; it is, however, the latest obtainable.

Produce- State.	Asparagus, Farms.	Green Beans, Farms.	Table Beets, Farms.
ALA...	16	58	427
ARIZ...	3	17	27
ARK...	9	9	150
CALIF...	229	9,399	591
COLO...	73	103	74
CONN...	70	165	93
DEL...	183	410	11
D. C...	10	32	27
FLA...	3	6	1,547
GA...	17	75	596
IDAHO			16
ILL...	609	2,241	476
IND...	37	81	245
IOWA...	98	237	44
KAS...	63	120	75
KY...	44	62	3,589
LA...	2	11	400
MAINE			44
MD...	183	551	838
MASS...	327	776	570
MICH...	154	275	303
MINN...	83	149	54
MISS...	12	32	570
MO...	75	103	384
MONT...			5
NEB...	21	32	9
NEV...	9	27	2
N. H...	10	23	19
N. J...	1,343	5,148	1,286
N. M...	5	24	113
N. Y...	434	1,003	1,225
N. C...	41	138	1,263
N. D...	2	3	7
OHIO...	176	303	433
OKLA...	5	7	30
ORE...	19	74	58
PENN...	449	1,191	392
R. I...	24	93	66
S. C...	122	1,773	539
S. D...	4	6	11
TENN...	49	139	1,411
TEXAS...	18	50	597
UTAH...	48	99	14
VT...	3	4	9
VA...	79	301	1,131
WASH...	80	194	58
W. VA...	5	5	1,768
WIS...	54	87	160
WYO...			4

Total..	5,300	25,639	21,561	53,610	1,684	3,202
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TEA PRODUCTION OF THE WORLD.

The world's production of tea in 1915-16 broke all records. India, Ceylon and Java produced 100,000,000 pounds more than in 1914-15; the Indian harvest alone surpassed by more than 55,500,000 pounds that of the preceding year. The quality of the harvest was not remarkable. Shipments from Java amounted to 96,000,000 pounds, an increase of 12,000,000 pounds over the shipments of 1914-15. The world's consumption of tea has tripled in the last thirty years, although the production in China has remained about stationary.

Increased production will win the war, and nothing else will do it.

CABBAGE, CAULIFLOWER, KALE.

During the year the last census was taken the United States had 43,843 farms reporting cabbages on 125,998 acres; 1,060 farms raising cauliflower, occupying 3,466 acres, and 337 farms producing kale on 1,495 acres. Although changes have been made since the census was taken, this is a good line of basic information for purpose of comparison.

State.	Cabbage.		Cauliflower.		Kale.	
	Farms.	Acres.	Farms.	Acres.	Farms.	Acres.
ALA.	354	1,366	1	1		
ALA.	254	1,366	1	1		
ARIZ.	66	147				
ARK.	139	206			2	3
CALIF.	591	3,617	87	790	14	22
COLO.	733	2,568	11	30		
CONN.	411	733	8	18	1	2
DEL.	118	200				
D. C.	38	102			20	33
FLA.	755	3,028	52	105		
GA.	497	806			1	2
IDAHO.	159	289	1	2		
ILL.	1,740	5,207	112	227		
IND.	1,010	2,107	1	1	6	9
IOWA.	501	2,789	5	6		
KAN.	366	1,007	2	2	1	2
KY.	395	738	6	7	65	105
LA.	331	1,062	3	21		
MAINE.	185	353	4	4		
MD.	1,276	3,481	2	10	48	153
MASS.	1,227	2,442	75	126	5	11
MICH.	1,832	4,314	22	39		
MINN.	858	2,315	11	16		
MISS.	582	1,396				
MO.	635	959	17	45	25	43
MONT.	178	359	3	7		
NEB.	164	348	1	1		
NEV.	30	43	2	3		
N. H.	90	163	1	1		
N. J.	1,991	4,864	38	85	4	12
N. M.	62	196				
N. Y.	11,321	35,269	505	1,720	14	34
N. C.	655	1,371				
N. D.	80	109				
OHIO.	2,436	6,279	19	30	11	12
OKLA.	68	127	1	1		
OREGON	285	591	14	34	12	31
PENN.	3,106	5,679	4	4	1	1
R. I.	93	192	2	3	2	3
S. C.	241	1,828				
TENN.	709	1,175				
TEXAS.	1,066	3,462	9	18		
UTAH.	114	210	6	10		
VT.	75	98				
VA.	2,516	8,680			101	1,013
WASH.	405	934	13	22		
W. VA.	139	212			4	4
WIS.	2,947	10,506	14	68		
WYO.	24	32				
U. S.	43,843	125,998	1,060	3,466	337	1,495

ONIONS, TOMATOES AND TURNIPS.

The number of farms on which onions, tomatoes and turnips are specially produced and the amount of acreage devoted to these crops is only ascertained once in ten years. These are the figures of the last census: 14,989 farms devoted 47,625 acres to onions, 64,751 farms devoted 207,379 acres to tomatoes and 11,732 farms devoted 22,324 acres to turnips.

State.	Onions.		Tomatoes.		Turnips.	
	Farms.	Acres.	Farms.	Acres.	Farms.	Acres.
ALA.	65	92	289	566	206	738
ARIZ.	42	87	29	46	15	32
ARK.	67	108	513	1,704	217	332
CALIF.	572	4,391	935	5,932	190	418
COLO.	193	577	486	1,646	191	164
CONN.	117	282	343	621	467	742
DEL.	19	24	4,234	13,108	35	59
D. C.	3	5	52	133	33	68
FLA.	51	80	2,580	12,338	44	85
GA.	122	189	402	756	224	445
IDAHO.	59	85	29	42	23	35
ILL.	1,136	3,315	2,339	5,316	336	677
IND.	1,111	4,048	4,890	18,472	344	579
IOWA.	371	849	621	2,055	105	169
KAN.	131	243	558	1,237	136	336
KY.	1,100	1,959	1,433	3,574	205	307
LA.	690	2,909	258	448	216	423
MAINE.	13	25	46	60	332	472
MD.	67	111	9,741	42,721	801	965
MASS.	718	2,493	680	1,228	620	1,068
MICH.	378	1,130	1,434	2,850	898	1,497
MINN.	385	1,009	433	499	260	443
MISS.	11	52	2,265	3,651	174	234
MO.	227	348	3,845	11,083	499	753
MONT.	56	119	13	16	39	69
NEB.	97	163	145	282	60	92
NEV.	39	124	9	10	9	17
N. H.	15	29	21	51	49	68
N. J.	607	1,417	6,273	26,552	526	1,410
N. M.	53	97	17	34	47	75
N. Y.	1,518	5,558	3,670	8,636	1,255	2,727
N. C.	58	81	162	359	232	383
N. D.	26	37	3	3	47	88
OHIO.	1,351	6,132	3,733	8,263	454	684
OKLA.	172	386	155	315	44	101
ORE.	218	721	129	203	80	141
PENN.	339	551	2,919	4,204	747	1,752
R. I.	24	152	92	187	109	196
S. C.	35	44	86	146	92	289
S. D.	58	104	33	62	48	93
TENN.	143	235	2,750	5,803	395	807
TEXAS.	964	5,170	2,460	6,035	375	655
UTAH.	37	72	590	1,571	10	12
VT.	23	29	14	18	35	64
VA.	522	787	3,957	11,965	340	592
WASH.	192	415	190	364	57	87
W. VA.	27	35	585	1,846	117	163
WIS.	304	650	293	363	363	685
WYO.	13	16	4	5	24	33
U. S.	14,989	47,625	64,751	207,379	11,732	22,324

VEGETABLES FROM BERMUDA.

Vegetables constitute a large percentage of the exports from Bermuda to the United States, and of these potatoes is the most important article, followed by onions, parsley and carrots. The following table shows the exports of vegetables invoiced at the American consulate at Hamilton, Bermuda, for the United States during the past two years:

Articles.	1915.		1916.	
	Value.	\$	Value.	\$
Beans, green.....	623	\$	820	
Beets (not sugar), crates..	12,077		23,721	
Carrots, crates.....	22,093		25,706	
Celery, crates.....	12,112		21,201	
Kale, barrels.....	2,136		2,132	
Lettuce, crates.....	12,715		10,010	
Onions, bushels.....	71,206		119,703	
Parsley, crates.....	34,097		49,654	
Potatoes (not sweet), bushels	209,784		286,447	
All other vegetables (green)	812		1,175	

Mr. John Delafield, of Oaklands, near Geneva, N. Y., imported the first tile-making machine for farm drainage in 1852.

In the year 1850 John Johnston, a Scotch farmer near Geneva, N. Y., introduced and advocated a system of farm drainage by tiling.

GRAIN IMPORTS AND EXPORTS.

The following is the official statement of the grain imports and exports during the past three years, as compiled by the United States Department of Commerce:

IMPORTS.

	1911.	1915.	1916.
	Bushels.	Bushels.	Bushels.
Corn....	15,821,177	6,499,424	2,155,029
Oats....	9,429,010	363,891	585,217
Wheat..	1,714,130	4,052,001	8,571,509
Rice....	255,064,251	290,144,034	248,824,135

EXPORTS.

	1911.	1915.	1916.
	Bushels.	Bushels.	Bushels.
Barley..	18,208,186	26,529,403	22,485,920
Buckwheat.	196,460	497,150	378,486
Corn....	15,626,149	48,263,642	58,543,227
Oats....	35,066,867	104,572,313	101,411,239
Wheat..	173,861,944	205,925,577	154,049,686

In the year 1850 a Mr. Goodrich introduced new wild strains of potatoes from South America, and, growing them for fifteen years, produced the Garnet.

The first crop of "lemon yellow" tobacco was produced on Sandy Ridge, in Caswell county, N. C., in 1852.

NURSERY PRODUCT ESTABLISHMENTS.

In the United States, according to the last census, we have 5,582 farms devoted to the production of nursery products. The total acreage is 80,618. These establishments are valued at \$3,771 each, with an average value of \$261.12 per acre. This industry had a total value of \$10,123,873 in 1899, which was increased to \$21,050,822 in the year 1909.

State	No. of Farms.	State Acreage.	Farm Value.	Value, Acre.
ALA.	62	3,079	\$4,178	\$ 84.14
ARIZ.	11	18	412	251.94
ARK.	133	528	1,493	376.10
CALIF.	566	4,803	3,910	460.71
COLO.	61	241	1,182	299.13
CONN.	60	770	4,358	339.62
DEL.	19	182	2,056	214.60
FLA.	133	2,231	3,595	214.33
GA.	54	1,502	6,786	243.96
IDAHO.	26	530	5,509	270.25
ILL.	258	3,454	3,187	238.07
IND.	164	1,850	2,508	222.37
IOWA.	242	3,430	3,496	246.62
KAS.	120	4,003	7,904	236.95
KY.	77	542	1,506	213.95
LA.	60	502	1,461	174.59
MAINE.	17	57	1,367	407.79
MD.	71	4,240	6,435	107.76
MASS.	119	1,547	5,091	391.65
MICH.	313	3,034	2,054	211.86
MINN.	191	3,851	4,518	223.03
MISS.	34	533	2,204	140.61
MO.	186	2,459	2,846	215.29
MONT.	28	341	6,230	511.52
NEB.	90	1,997	6,145	276.94
NEV.	5	.....	99	.....
N. H.	9	24	1,322	495.71
N. J.	105	2,167	6,493	314.64
N. M.	17	24	540	382.53
N. Y.	608	8,680	4,525	316.93
N. C.	125	754	2,136	354.07
N. D.	49	472	633	65.67
OHIO.	272	4,718	3,163	182.36
OKLA.	90	857	1,911	200.64
OREGON.	112	2,168	6,991	361.17
PENN.	175	2,828	5,272	326.23
R. I.	27	212	2,798	356.34
S. D.	22	21	200	209.95
TEX.	30	399	2,361	177.51
TEXAS.	145	3,976	4,812	175.48
UTAH.	223	3,847	5,378	325.74
VT.	38	377	4,959	326.61
VA.	9	37	1,224	297.68
WA.	69	569	2,319	281.18
WASH.	115	1,312	4,580	392.46
W. VA.	71	464	1,116	170.84
WIS.	152	755	1,980	398.71
WYO.	8	.....	210	.....
U. S.	5,582	80,618	\$3,771	\$261.12

FLORISTS' ESTABLISHMENTS.

In the United States, according to the last census, we have a total of 7,444 distinct and complete flower-growing establishments, with an output value of \$250 or over, the average output value being \$4,630 and the total value \$34,467,440. In these establishments are 9,189,546 square feet of ground, covered by sashes and frames, and 105,165,750 square feet covered by greenhouses.

State.	Estab-lish-ments, Number.	Sashes, Square Feet.	Green-houses, Square Feet.
ALABAMA.	31	28,175	435,400
ARIZONA.	5	3,080	26,730
ARKANSAS.	17	10,981	224,150
CALIFORNIA.	347	614,709	4,122,423
COLORADO.	73	96,399	1,244,425
CONNECTICUT.	206	213,418	2,636,063
DELAWARE.	27	11,740	233,087
DIST. OF COL.	40	17,080	968,513
FLORIDA.	29	143,597	568,190
GEORGIA.	37	125,550	741,672
IDAHO.	10	750	58,727
ILLINOIS.	581	1,569,926	14,380,927
INDIANA.	223	90,826	3,650,443
IOWA.	129	312,337	1,870,845
KANSAS.	90	53,077	728,421
KENTUCKY.	100	86,179	1,276,823
LOUISIANA.	54	86,765	260,711
MAINE.	39	82,445	624,472
MARYLAND.	156	124,516	2,051,068
MASSACHUSETTS.	643	564,424	6,817,585
MICHIGAN.	258	199,327	3,922,772
MINNESOTA.	87	86,438	1,332,758
MISSISSIPPI.	23	15,315	201,622
MISSOURI.	185	267,083	2,545,138
MONTANA.	17	19,915	289,024
NEBRASKA.	46	53,705	790,305
NEVADA.	1	.....	4,600
N. HAMPSHIRE.	57	32,465	719,848
NEW JERSEY.	530	855,759	7,984,752
NEW MEXICO.	8	27,302	59,752
NEW YORK.	1,110	1,189,730	13,876,857
N. CAROLINA.	32	16,286	176,853
N. DAKOTA.	9	22,520	48,150
OHIO.	572	490,586	7,091,975
OKLAHOMA.	31	9,778	148,737
OREGON.	72	44,536	672,207
PENNSYLVANIA.	314	959,002	12,387,682
RHODE ISLAND.	12	145,329	1,882,314
S. CAROLINA.	12	8,076	66,242
S. DAKOTA.	10	9,220	92,240
TENNESSEE.	42	157,500	1,079,374
TEXAS.	92	78,455	907,615
UTAH.	25	12,012	194,280
VERMONT.	28	15,860	162,339
VIRGINIA.	72	97,782	1,315,388
WASHINGTON.	119	282,356	1,257,616
W. VIRGINIA.	22	24,535	272,182
WISCONSIN.	160	131,452	1,875,858
WYOMING.	3	1,450	31,584
Total.	7,444	9,489,546	105,165,730

BARLEY ON FARMS.

The amount of barley on farms, March 1st, 1917, was about 32,841,000 bushels, or 38.2 per cent. of the 1916 crop, against 33,301,000 bushels, or 25.5 per cent., of the 1915 crop on farms, March 1st, 1916, and 42,889,000 bushels, or 22.0 per cent., of the 1914 crop on farms, March 1st, 1915. About 43.4 per cent. of the crop will be shipped out of the counties where grown, against 43.2 per cent. of the 1915 crop and 45.1 per cent. of the 1914 crop so shipped.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
N. Y.	546,000	762,000	415,000
ILL.	438,000	496,000	307,000
MICH.	608,000	627,000	416,000
WIS.	4,123,000	5,368,000	2,928,000
MINN.	8,240,000	10,675,000	5,748,000
IOWA.	2,059,000	2,216,000	1,566,000
N. D.	7,069,000	13,920,000	6,150,000
S. D.	5,083,000	6,960,000	3,746,000
NEB.	797,000	1,107,000	924,000
KAS.	1,940,000	3,264,000	1,440,000
MONT.	470,000	952,000	665,000
COLO.	1,031,000	1,166,000	1,126,000
UTAH.	374,000	303,000	184,000
IDAHO.	1,336,000	1,702,000	1,260,000
WASH.	1,349,000	1,453,000	1,022,000
OREGON.	549,000	956,000	1,078,000
CALIF.	5,468,000	5,127,000	2,999,000
U. S.	42,889,000	58,301,000	32,841,000

OATS ON FARMS.

The amount of oats on farms, March 1st, 1917, was about 393,985,000 bushels, or 31.5 per cent. of the 1916 crop, against 598,148,000 bushels, or 38.6 per cent., of the 1915 crop on farms, March 1st, 1916, and 379,369,000 bushels, or 33.2 per cent., of the 1914 crop on farms, March 1st, 1915. About 28.3 per cent. of the crop will be shipped out of the counties where grown, against 30.1 per cent. of the 1915 crop and 29.4 per cent. of the 1914 crop so shipped.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
N. Y.	15,262,000	23,336,000	10,034,000
PENN.	12,554,000	18,628,000	12,260,000
OHIO.	15,601,000	26,911,000	14,423,000
IND.	10,775,000	21,622,000	14,700,000
ILL.	36,537,000	72,311,000	56,791,000
MICH.	20,301,000	27,632,000	14,515,000
WIS.	22,356,000	41,990,000	28,490,000
MINN.	31,494,000	56,837,000	28,196,000
IOWA.	61,050,000	79,200,000	67,268,000
MO.	6,708,000	10,310,000	10,320,000
N. D.	27,909,000	52,920,000	21,560,000
S. D.	18,549,000	34,052,000	19,184,000
NEB.	29,232,000	31,680,000	35,145,000
KAS.	19,157,000	15,105,000	10,199,000
TEXAS.	4,725,000	11,715,000	6,412,000
OKLA.	6,958,000	12,028,000	2,111,000
MONT.	5,380,000	14,664,000	10,032,000
U. S.	379,369,000	598,148,000	393,985,000

CANTALOUPE, WATERMELONS, PUMPKINS.

According to the last census enumeration, 16,278 farms occupy 52,419 acres with the production of cantaloupes (and muskmelons), 35,345 farms occupy 137,005 acres with the production of watermelons and 361 farms cultivate 1,163 acres for the special production of pumpkins. These tables being arranged side by side and state by state, form an interesting basis of information. It is the latest available.

State.	Cantaloupes. Farms.	Cantaloupes. Acres.	Watermelons. Farms.	Watermelons. Acres.	Pumpkins. Farms.	Pumpkins. Acres.
ALA...	122	285	1,780	4,708	1	2
ARIZ...	110	452	328	735	21	54
ARK...	448	992	1,768	3,410	...	...
CALIF...	656	5,784	988	6,065	137	511
COLO...	738	3,370	210	467	8	15
CONN...	70	159	30	54	4	7
DEL...	551	1,163	320	859	3	6
D. C...	32	69	5	9	1	2
FLA...	408	3,408	1,627	17,711	1	2
GA...	368	3,022	3,255	16,298	...	...
IDAHO...	61	213	75	165	1	1
ILL...	927	2,332	1,192	6,211	12	89
IND...	994	3,855	1,677	7,915	...	...
IOWA...	234	764	477	3,464	4	24
KAS...	203	417	1,029	3,317	4	24
KY...	357	594	779	1,690	...	...
LA...	209	371	800	1,278	1	1
MAINE...	3	4	...	...	4	5
MD...	1,193	3,516	658	2,432	2	4
MASS...	333	51	21	31	10	42
MICH...	841	1,825	238	439	5	19
MINN...	165	453	59	103	7	13
MISS...	66	122	1,054	1,794	...	...
MO...	758	1,701	1,700	10,727	7	11
MONT...	4	5	16	30	...	...
NEB...	61	112	295	725	5	16
NEV...	57	399	24	34	1	4
N. H...	7	9	...	...	1	1
N. J...	1,494	3,861	896	2,226	24	67
N. M...	131	491	154	287	16	24
N. Y...	529	978	71	89	14	35
N. C...	626	2,256	1,895	5,825	...	...
N. D...	...	...	77	96	...	...
OHIO...	815	1,665	377	777	6	8
OKLA...	258	655	1,623	5,923	4	7
OREGON...	81	113	104	563	7	8
PENN...	216	333	128	241	6	9
R. I...	21	48	3	5	1	20
S. C...	214	977	1,082	5,051	...	...
S. D...	18	31	119	212	10	12
TENN...	506	1,456	1,322	2,398	2	4
TEXAS...	795	1,685	5,271	18,466	12	71
UTAH...	109	182	8	137	2	2
VT...	31	43	...	...	10	2
VA...	491	969	1,304	3,159	5	12
WASH...	111	310	98	214	3	3
W. VA...	54	128	149	473	2	16
WIS...	111	187	105	168	4	5
WYO...	...	...	6	9	1	1

U. S. 16,278 52,419 35,345 137,005 361 1,163

MEAT PRODUCTS EXPORTED.

In the year 1914 meat products were exported to the value of \$137,737,493, which increased to \$259,064,321 in the year 1915, and increased again to the value of \$279,198,960 in the year 1916. The statement herewith is from the reports of the United States Department of Commerce.

	1914. Pounds.	1915. Pounds.	1916. Pounds.
Beef, canned	30,731,748	69,999,828	54,026,922
Bee, fresh...	31,422,465	268,813,397	181,979,031
Beef, pickled	23,779,449	42,746,813	36,681,148
Oleo Oil...	85,144,527	109,185,783	83,891,672
Oleomarg...	2,292,620	6,775,163	6,309,380
Tallow...	9,980,066	26,569,075	15,338,057
Bacon...	184,267,850	524,138,245	592,617,529
Hams and S...	142,398,301	266,442,819	287,161,195
Lard...	436,015,896	451,286,439	426,659,599
Veal Lard...	21,797,452	31,389,913	27,314,774
Pork, canned	2,786,451	7,928,914	7,263,042
Pork, fresh...	1,250,977	24,230,183	55,172,868
Pork, pickled	87,006,108	59,047,397	55,148,024
Lard Comp...	63,353,911	83,869,985	49,821,709
Mutton...	3,847,093	4,230,928	5,137,853
Sausage...	5,092,436	13,345,189	11,998,350

WHEAT ON FARMS.

The amount of wheat on farms, March 1st, 1917, was about 101,365,000 bushels, or 15.8 per cent. of the 1915 crop, against

POP CORN, SWEET CORN AND GREEN PEAS.

The extent of acreage devoted to pop corn, sweet corn and to green peas, together with the number of farms engaged in each kind of industry, is presented herewith. The figures represent a normal year and were compiled by the United States Census.

State.	Pop Corn. Farms.	Pop Corn. Acres.	Sweet Corn. Farms.	Sweet Corn. Acres.	Green Peas. Farms.	Green Peas. Acres.
ALA...	12	16	57	175	191	426
ARIZ...	1	2	37	106	21	37
ARK...	16	24	74	145	79	180
CALIF...	59	361	809	2,854	787	3,427
COLO...	24	97	342	950	101	654
CONN...	12	19	902	2,142	124	232
DEL...	3	3	272	1,341	384	1,234
D. C...	...	...	23	47	20	40
FLA...	1	1	130	275	259	613
GA...	50	93	229	444	265	933
IDAHO...	9	13	64	115	24	95
ILL...	189	998	2,431	19,376	340	2,821
IND...	109	357	2,058	7,977	771	4,084
IOWA...	428	5,345	2,013	12,568	58	397
KAS...	193	520	1,423	3,653	55	257
KY...	15	19	409	1,103	411	678
LA...	67	89	251	1,218	86	182
MAINE...	8	11	3,549	8,693	158	257
MD...	9	17	2,630	18,387	1,179	6,030
MASS...	31	93	1,976	4,942	288	547
MICH...	200	362	2,433	5,726	926	4,548
MINN...	73	266	803	2,829	141	316
MISS...	4	6	112	112	257	435
MONT...	87	226	1,174	2,558	97	301
NEB...	213	2,167	851	3,167	5	7
NEV...	...	...	18	23	3	7
N. H...	8	16	267	589	26	33
N. J...	17	34	2,705	10,442	876	4,912
N. M...	1	7	20	41	12	16
N. Y...	138	341	6,584	23,739	4,501	16,992
N. C...	7	16	211	369	339	835
N. D...	4	9	75	141	6	10
OHIO...	172	439	4,591	17,298	538	2,000
OKLA...	54	98	240	548	32	46
OREGON...	14	54	211	457	60	116
PENN...	50	107	4,896	11,764	250	553
R. I...	4	4	317	790	76	205
S. C...	5	8	33	91	227	551
S. D...	31	81	194	579	6	82
TENN...	18	23	134	365	217	386
TEXAS...	52	93	167	418	131	742
UTAH...	8	16	75	120	338	323
VT...	8	48	285	1,110	26	39
VA...	10	18	751	2,101	1,053	2,292
WASH...	11	62	255	561	105	852
W. VA...	6	7	455	878	43	72
WIS...	54	184	936	3,789	1,340	11,182
WYO...	...	...	24	44	...	...

Total. 2,523 12,773 48,514 178,224 17,219 70,487

244,448,000 bushels, or 23.8 per cent. of the 1915 crop on farms, March 1st, 1916, and 152,903,000 bushels, or 17.2 per cent. of the 1914 crop on farms, March 1st, 1915. About 56.6 per cent. of the crop will be shipped out of the counties where grown, against 61.7 per cent. of the 1915 crop and 60.7 per cent. of the 1914 crop so shipped.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
PENN...	5,462,000	8,612,000	4,702,000
MD...	2,368,000	2,568,000	2,048,000
VA...	2,598,000	4,022,000	2,925,000
N. C...	2,126,000	2,551,000	1,796,000
OHIO...	8,038,000	12,058,000	3,240,000
IND...	6,186,000	10,028,000	2,527,000
ILL...	5,550,000	9,576,000	1,460,000
MICH...	3,983,000	5,725,000	2,448,000
MINN...	10,314,000	19,844,000	5,787,000
IOWA...	3,013,000	4,556,000	1,672,000
MO...	6,933,000	5,798,000	1,492,000
N. D...	15,502,000	39,512,000	11,011,000
S. D...	6,945,000	17,832,000	5,958,000
NEB...	10,899,000	23,436,000	18,081,000
KAS...	30,124,000	25,509,000	10,782,000
KY...	1,254,000	1,188,000	641,000
TEXAS...	1,547,000	2,813,000	924,000
OKLA...	4,793,000	5,052,000	1,775,000
MONT...	3,488,000	10,455,000	4,871,000
COLO...	2,036,000	3,167,000	2,030,000
IDAHO...	2,442,000	3,933,000	2,110,000
WASH...	5,021,000	7,713,000	4,516,000
OREGON...	1,820,000	3,004,000	2,737,000

U. S. 152,903,000 244,448,000 101,365,000

SMALL FRUITS.

The figures below are census figures, showing the total acreage in small fruits in all states, acreage 1899 and 1909, side by side, and production of small fruits in the last census year. No later figures are available:

State.	1899, Acres.	1909, Acres.	Production, 1909, Quarts.
ALABAMA...	761	1,232	1,907,193
ARIZONA...	79	76	112,190
ARKANSAS...	10,819	8,032	8,965,572
CALIFORNIA...	6,281	9,687	26,824,120
COLORADO...	2,347	2,829	4,294,938
CONNECTICUT...	1,987	1,597	3,823,522
DELAWARE...	10,599	8,687	14,425,209
DIST. OF COL...	82	12	24,162
FLORIDA...	1,348	1,356	2,396,573
GEORGIA...	1,634	988	1,262,155
IDAHO...	957	1,673	2,071,141
ILLINOIS...	16,794	11,723	13,602,676
INDIANA...	13,115	5,919	7,424,831
IOWA...	9,635	7,211	10,344,052
KANSAS...	5,824	5,400	5,477,274
KENTUCKY...	6,126	4,387	4,972,702
LOUISIANA...	1,408	3,587	6,420,207
MAINE...	1,585	1,260	2,285,415
MARYLAND...	17,522	16,595	26,277,054
MASSACHUSETTS...	8,346	9,552	29,260,143
MICHIGAN...	29,197	21,419	27,214,659
MINNESOTA...	3,092	3,738	4,476,575
MISSISSIPPI...	1,594	836	1,407,301
MISSOURI...	14,860	17,009	23,696,221
MONTANA...	554	562	766,791
NEBRASKA...	1,171	1,411	1,594,421
NEVADA...	53	37	50,287
N. HAMPSHIRE...	730	618	998,244
NEW JERSEY...	25,350	24,069	38,832,987
NEW MEXICO...	48	66	76,532
NEW YORK...	25,051	22,496	37,857,829
N. CAROLINA...	6,837	6,701	12,827,427
N. DAKOTA...	67	399	285,696
OHIO...	21,121	11,591	15,721,033
OKLAHOMA...	1,388	2,745	2,310,367
OREGON...	3,470	5,122	9,348,490
PENNSYLV'A...	12,271	8,678	13,620,047
R. ISLAND...	581	281	437,560
S. CAROLINA...	591	856	1,408,099
S. DAKOTA...	161	419	401,295
TENNESSEE...	12,944	12,539	13,895,493
TEXAS...	3,904	5,053	6,182,742
UTAH...	1,052	1,416	3,118,395
VERMONT...	418	469	526,122
VIRGINIA...	8,796	7,295	11,342,930
WASHINGTON...	2,845	5,508	13,490,930
W. VIRGINIA...	1,994	2,913	2,336,562
WISCONSIN...	12,389	6,305	9,782,779
WYOMING...	37	106	96,833
	309,770	272,460	426,565,863

Cotton Acreage, 1916 and 1917.

The estimated cotton acreage for crop of 1917 is 1,452,000 acres less than in 1916 and 2,232 acres less than in 1914, when the largest acreage was planted and the largest crop was grown. The following figures were furnished by the United States Department of Agriculture in July:

State.	1916 Acres.	Per Cent. 1916.	Area, 1917 Acres, Condi- tion.
VA.	42,000	112	47,000 82
N. C.	1,490,000	99	1,475,000 67
S. C.	2,950,000	100	2,950,000 71
G.A.	5,450,000	95	5,178,000 69
FLA.	201,000	95	191,000 79
ALA.	3,469,000	72	2,498,000 65
MISS.	3,310,000	85	2,814,000 68
LA.	2,160,000	105	1,323,000 74
TEXAS...	11,525,000	101	11,640,000 72
ARK.	2,630,000	98	2,577,000 67
TENN.	895,000	99	886,000 70
MO.	136,000	110	150,000 75
OKLA.	2,614,000	105	2,745,000 74
CALIF.	55,000	120	66,000 93
ARIZ.	12,000	...	45,000 87
ALL OTHER.	13,000	...	15,000 ...
U. S.	36,052,000	96	34,600,000 70.3

SMALL FRUITS.

The Number of Farms Reporting the Class of Berries Raised Upon Them.

In the United States, during the last census year, 1909, a total of 272,460 farms produced more or less small fruits and on some farms more than one berry was raised. The farms reported as raising strawberries were 216,544; blackberries and dewberries, 141,157; raspberries and Loganberries, 116,929; cranberries, 3,910; currants, 62,093; gooseberries, 58,567; and other berries, 609. The total production was 426,565 quarts, and valued at \$29,974,481. Ten years previous the number of farms reporting were 309,770, and the production was 463,218,612 quarts.

The tabulated statement presented herewith represents the number of farms in each state growing different kinds of berries.

State.	1909. Strawberries, Farms.	Blackberries, Farms.	Raspberries, Farms.	Cranberries, Farms.	Currants, Farms.	Gooseberries, Farms.
ALA.	1,958	632	169	1	15	40
ARIZ.	68	40	17	...	10	4
ARK.	3,869	1,430	449	4	58	391
CALIF.	2,282	3,190	2,524	12	364	343
COLO.	1,231	384	1,071	...	1,049	842
CONN.	2,260	555	943	105	570	130
DEL.	3,625	650	237	...	23	39
DIST. OF C.	16	2	2	...	3	1
FLA.	1,014	210	2	...	3	...
GA.	1,394	648	159	...	36	10
IDAHO.	1,605	500	2,086	...	1,374	1,390
ILL.	10,311	14,138	8,156	166	3,635	8,131
IND.	5,433	5,216	4,104	3	2,690	4,088
IA.	19,871	15,874	12,574	4	6,906	6,382
KAS.	3,967	6,912	1,678	...	829	1,928
KY.	3,983	8,011	1,650	...	295	1,336
LA.	874	187	7	...	...	...
ME.	3,464	1,464	1,051	536	1,076	824
MD.	7,468	979	1,333	...	366	365
MASS.	4,654	1,368	1,506	1,350	1,536	330
MICH.	16,798	4,707	11,075	91	3,458	1,637
MINN.	9,420	848	4,890	264	3,053	1,807
MISS.	785	672	100	...	11	3
MO.	13,429	22,971	5,631	103	1,672	9,091
MONT.	619	129	361	1	654	330
NEB.	3,425	1,982	1,128	...	1,669	2,016
NEV.	19	11	33	...	79	99
N. J.	6,086	2,153	1,450	414	377	348
N. H.	1,594	522	657	238	838	139
N. M.	54	54	50	1	74	125
N. Y.	14,086	4,882	13,187	88	7,528	1,696
N. C.	5,668	2,655	331	5	89	127
N. D.	883	75	923	29	2,378	1,857
OHIO.	8,799	4,207	6,175	25	2,861	2,208
OKLA.	1,182	6,220	387	...	212	151
ORE.	3,701	1,307	3,294	17	877	1,465
PENN.	13,515	4,892	8,990	55	5,375	1,999
R. I.	545	69	154	127	130	43
S. C.	1,383	675	79	...	30	5
S. D.	1,836	112	519	7	1,448	1,271
TENN.	6,045	3,884	830	...	52	146
TEX.	1,423	5,459	224	...	49	11
UTAH.	1,049	247	1,201	...	1,043	851
VT.	1,240	423	591	29	992	244
VA.	4,651	1,586	1,121	2	205	239
WASH.	4,323	1,818	3,617	4	1,287	1,199
W. VA.	2,468	3,829	3,905	...	658	784
WIS.	12,084	2,272	6,132	229	3,853	1,841
WYO.	146	6	80	...	303	234

The first recorded Galloway cattle were imported into Canada by Graham Bros., of Vaughn, Ontario, in the year 1850.

Apricot Trees and Production.

California dominates the apricot industry, where production almost doubled in ten years. In the United States in 1910 there were 3,669,714 trees of bearing age and 956,202 not then of bearing age, the production being 4,150,263 bushels, of which total California produced 4,066,823 bushels. The total value of the crop was estimated at \$2,884,119. The farms that reported having bearing trees were 139,167, and the farms having trees not of bearing age were 64,057.

State.	Trees of Bearing Age.	Trees Not of Bearing Age.	Crop, 1899, Bushels.	Crop, 1909, Bushels.
ALA....	2,342	2,494	115	952
ARIZ....	6,665	6,992	40,578	6,849
ARK....	2,954	4,820	391	1,067
CALIF..	2,992,453	581,254	2,547,064	4,066,823
COLO..	16,841	10,299	2,363	11,403
CONN..	125	497	24	24
DEL....	138	52	68	4
D. C....	5	.....	.....	.....
FLA....	112	66	68	.....
GA....	1,611	1,079	98	449
IDAHO..	6,938	10,384	550	1,108
IND....	7,337	2,879	747	1,147
ILL....	12,328	4,246	1,437	1,250
IOWA..	5,949	2,290	378	648
KAS....	187,381	28,134	4,236	374
KY....	3,545	2,352	392	1,388
LA....	596	929	89	163
ME....	93	59	.....	25
MD....	1,747	1,127	313	365
MASS..	651	258	25	148
MICH..	4,447	2,450	730	1,508
MINN..	66	175	2	10
MISS..	4,906	4,983	772	2,277
MO....	16,503	5,612	583	1,380
MONT..	410	245	1	88
NEB....	20,451	8,169	333	864
NEV....	1,035	879	280	524
N. H....	128	85	2	27
N. J....	582	504	201	178
N. M....	8,202	8,373	6,637	2,379
N. Y....	16,650	3,537	15,710	9,805
N. C....	2,614	1,531	245	425
N. D....	11	87	.....	10
OHIO..	5,462	1,873	449	835
OKLA..	173,515	62,930	569	1,123
ORE....	10,657	18,128	1,665	4,616
PENN..	10,363	7,576	1,632	2,502
R. I....	46	39	12	5
S. C....	1,916	1,463	120	504
S. D....	144	856	.....	13
TENN..	4,337	3,517	211	1,677
TEX....	66,533	47,895	1,620	1,839
UTAH..	28,978	28,639	5,272	12,047
VT....	47	44	.....	13
VA....	3,853	3,233	678	515
WASH..	36,088	80,722	5,254	10,780
W. VA..	1,947	1,201	145	124
WIS....	593	354	57	100
WYO....	17	121	.....	2
Total.	3,669,714	956,202	2,642,128	4,150,263

Production of Almonds.

The production of almonds is nearly monopolized by the state of California, yet other states grow a few trees, and some of them have more young trees than old ones. It is an industry that shows no progress, because in 1899 the production was 7,142,710 pounds, and when the census was taken, in 1909, the production was 6,793,539 pounds. In the smaller almond states, Georgia, Washington, Oregon and Arizona will be heard from in the future.

State.	Trees of Bearing Age.	1910. Trees of Bearing Age.	Production, Pounds.	Value, Dollars.
ALA....	51	580	484	51
ARIZ....	6,639	845	33,759	4,193
ARK....	1,100	307	3,330	622
CALIF..	1,166,730	365,961	6,692,513	700,301
COLO..	130	47	341	63
DELA..	44	275	425	37
FLA....	130	3,196	1,200	150
GA....	230	363	417	46
IDAHO..	48	.....	505	51
ILL....	2	1	20	2
IND....	3	65	.....	.....
IA....	401	109	3	.....
KAS....	2	7	50	10
KY....	29	117	453	44
LA....	5	.....	.....	.....
ME....	43	65	180	2
MASS..	21	10	200	24
MICH..	1	3	280	51
MINN..	81	1,169	496	53
MISS..	144	.....	334	67
MO....	.....	4	.....	.....
NEB....	859	495	7,550	606
NEV....	11	10	.....	.....
N. J....	107	203	530	89
N. M....	1	8	.....	.....
N. Y....	97	132	234	27
N. C....	194	149	2,447	121
OKLA..	3,960	4,117	17,515	2,468
ORE....	68	26	500	50
PENN..	78	162	440	58
S. C....	.....	2	.....	.....
S. D....	58	129	410	13
TENN..	4,534	1,528	16,932	1,618
TEX....	1,108	664	10,664	1,014
UTAH..	1	.....	.....	.....
VT....	34	12	165	17
VA....	695	8,800	770	86
W. VA..	3	.....	290	23
WIS....	1	.....	.....	.....
Total.	1,187,962	389,576	6,793,539	711,970

RECEIPTS AT FOURTEEN MARKETS.

The following table shows the receipts of cattle, hogs and sheep at undermentioned markets for 1916, Omaha, St. Louis and Wichita counting calves as cattle:

Markets.	Cattle.	Hogs.	Sheep.
Chicago....	2,730,176	\$9,188,324	4,291,024
Kansas City	2,177,468	\$2,977,933	1,758,175
Omaha....	1,434,304	\$3,116,820	3,170,908
St. Louis...	1,200,330	\$3,057,414	670,838
St. Joseph..	442,195	\$2,198,751	804,325
Sioux City..	578,758	\$2,131,113	320,537
St. Paul....	756,828	\$2,674,640	621,200
Indianapolis.	307,296	\$2,575,611	98,142
Buffalo....	252,975	\$1,673,122	796,558
Milwaukee..	83,955	\$35,692	55,178
Denver....	552,121	\$466,653	1,409,009
Fort Worth..	905,345	\$968,024	430,911
Okla. City..	260,384	\$759,603	115,866
Wichita....	220,133	\$72,675	20,875
Total 1916.	11,902,268	\$32,896,275	14,563,647
Total 1915.	10,117,769	\$27,627,371	13,410,483
Total 1914.	9,657,042	\$24,173,384	15,683,030
Total 1913.	10,746,965	\$27,083,756	17,641,278
Total 1912.	10,588,053	\$26,562,171	17,909,965
Total 1911.	10,860,533	\$27,273,291	17,495,576

* Hogs shipped direct from the country to packers "outside the yards" in Chicago and Kansas City are not included in the above figures. In 1916 the two points received 795,557 direct, against 936,374 in 1915 and 794,320 in 1914.

It was The National Farmer and Stock Grower of St. Louis, Mo., that originated the movement whereby so many farmers are now raising their own pure-bred seed corn.

Of the corn market in 1916, Chicago received the most, 102,376,000 bushels; Peoria second with 37,164,790 bushels; and Indianapolis third with 25,166,000 bushels.

Pecan Trees and Production.

In the year 1899 the pecan production of the United States was 3,206,850 pounds, and in the year 1909 the output increased to 9,890,769 pounds. - In the year 1910 we had a total of 1,619,521 trees of bearing age and 1,685,066 trees not of bearing age. Farms reporting bearing trees were 37,549, and 43,944 had trees not of bearing age. In pecan production Texas is away in the lead, but there are other states increasing the number of trees.

State.	Trees of Bearing Age.	Trees Not of Bearing Age.	Production, Pounds.	Value, Dollars.
ALA.....	44,683	125,734	228,311	30,549
ARIZ.....	64	212	1,075	131
ARK.....	13,958	13,811	249,955	17,603
CALIF.....	4,226	2,793	14,955	4,632
COLO.....	50	50	.....	.....
CONN.....	5	1,601	150	7
DEL.....	136	48	85	13
FLA.....	12,512	176,207	307,632	43,962
GA.....	75,519	325,779	354,046	47,845
IDAHO.....	20	27	.....	.....
ILL.....	28,330	8,223	107,069	10,301
IND.....	4,883	946	19,287	1,940
IA.....	247	118	1,890	59
KAS.....	27,716	2,797	20,583	1,462
KY.....	2,399	2,301	28,577	2,887
LA.....	36,527	119,547	729,578	70,635
ME.....	3	.....	100	20
MD.....	172	460	1,717	85
MASS.....	.....	1	.....	.....
MICH.....	39	4	1,600	75
MINN.....	6	35	25	5
MISS.....	60,524	148,030	637,293	79,936
MO.....	18,822	7,214	147,420	10,467
NEB.....	181	191	695	31
NEV.....	16	13	.....	.....
N. J.....	22	52	120	76
N. M.....	31	1,468	53	5
N. Y.....	5	26	.....	.....
N. C.....	6,876	20,781	74,861	8,194
N. D.....	.....	308	.....	70
OHIO.....	81	308	1,014	70
OKLA.....	96,775	53,796	894,172	59,481
ORE.....	62	965	1,010	78
PENN.....	554	463	14,885	532
R. I.....	6	1	.....	.....
S. C.....	33,366	4,369	159,823	20,442
S. D.....	43	34	6	1
TENN.....	2,037	3,309	25,581	2,566
TEX.....	1,087,619	621,550	5,332,367	556,203
UTAH.....	35	12	.....	.....
VT.....	1	4	.....	.....
VA.....	868	2,337	10,568	1,356
WASH.....	34	140	.....	.....
W. VA.....	126	6	240	16
Total.....	1,619,521	1,685,066	9,890,769	971,596

Production of Peanuts.

If all farm crops made as good showing as peanuts there would be plenty to eat in the country. The increase in acreage is from 516,654 in 1899 to 869,887 in the year 1906. The increase in production is from 11,964,109 bushels in 1889 to 19,415,816 bushels in 1909. In the year 1889 only 133,909 farms reported raising peanuts, but in 1909 there were 218,998 farms on which peanuts were produced. The table presented herewith shows acreage and production for two census years.

State.	1899. Acreage.	1899. Bushels.	1909. Acreage.	1909. Bushels.
ARIZ.....	.....	234	9	345
ARK.....	5,223	78,237	10,192	168,608
CALIF.....	433	15,461	99	2,991
COLO.....	5	138	2	7
DEL.....	2	23	25	202
FLA.....	64,152	967,927	126,150	2,315,089
GA.....	100,589	1,435,775	160,317	2,569,787
IDAHO.....	.....	.....	1	20
ILL.....	49	879	109	1,792
IND.....	11	199	18	624
IA.....	7	127	13	359
KAS.....	225	4,516	48	2,047
KY.....	92	1,405	79	1,735
LA.....	3,107	45,713	25,020	412,037
ME.....	1	22	.....	5
MD.....	7	143	1	30
MASS.....	.....	3	.....	12
MICH.....	.....	.....	64	1,111
MINN.....	.....	.....	1	15
MISS.....	5,853	95,738	13,977	284,791
MO.....	271	6,679	130	3,220
NEB.....	11	121	1	93
NEV.....	.....	.....	.....	.....
N. H.....	.....	2	.....	.....
N. J.....	.....	7	1	16
N. M.....	1	10	126	1,375
N. Y.....	.....	.....	6	132
N. C.....	95,850	3,460,439	195,134	5,980,919
N. D.....	.....	.....	10	101
OHIO.....	1	20	.....	31
OKLA.....	2,205	50,428	1,564	31,880
ORE.....	1	25	3	206
PENN.....	2	77	.....	4
R. I.....	.....	.....	.....	.....
S. C.....	7,162	131,710	7,596	154,822
S. D.....	.....	.....	.....	.....
TENN.....	19,534	747,668	18,952	547,240
TEX.....	10,734	184,860	64,327	1,074,998
UTAH.....	2	.....	.....	10
VA.....	116,914	3,713,347	145,213	4,284,310
WASH.....	.....	.....	15	.....
W. V.....	11	199	.....	64
WIS.....	.....	.....	70	945
WYO.....	1	3	.....	.....
Total.....	516,654	11,964,109	869,887	19,415,816

The Peanut Crop—1917.

The importance of the peanut crop is shown, also the great difference one year with another. Alabama and Texas together produce more than half the crop. Thirteen states out of forty-eight raise peanuts in merchantable quantities.

Percentage of Full Crop.	Percentage of Full Crop.
State.	State.
ALA.....	100 45
ARK.....	98 46
FLA.....	88 63
GA.....	77 125
KY.....	70 30
LA.....	81 40
MISS.....	110 35
MO.....	55 27
N. C.....	90 65
OKLA.....	104 10
S. C.....	75 76
TENN.....	73 34
TEX.....	60 22
U. S.....	71 41

In the year 1916, Baltimore received the most rye, 12,577,433 bushels; Minneapolis next with 7,297,320 bushels; and Chicago third with 5,601,000 bushels.

State.	1916. Acres.	1917. Acres.	1916. Production, Bushels.	1917. Production, Bushels.
VA.....	150,000	165,000	5,400,000	5,775,000
N. C.....	205,000	202,000	6,970,000	7,676,000
S. C.....	10,000	10,000	450,000	450,000
GA.....	40,000	255,000	1,240,000	9,435,000
FLA.....	10,000	40,000	300,000	1,400,000
MO.....	350	400	10,500	18,000
TENN.....	16,000	15,000	608,000	450,000
ALA.....	300,000	711,000	9,000,000	16,013,000
MISS.....	3,000	4,000	75,000	136,000
LA.....	33,000	35,000	891,000	1,015,000
TEX.....	275,000	600,000	9,075,000	16,200,000
OKLA.....	11,000	17,000	385,000	544,000
ARK.....	23,000	30,000	920,000	1,110,000
Total.....	1,076,350	2,084,400	35,324,500	60,222,000

Production of Grapes.

The production of grapes increased from 1,300,984,097 pounds in the year 1899 to 2,571,065,205 pounds in 1909. In the year 1910, when the census was taken, there were 223,701,522 vines of bearing age and 59,928,644 vines not of bearing age. The tabulated statement herewith shows the vines and production in all the states.

State.	Vines of Bearing Age.	Vines of Not of Bearing Age.	Production, Pounds.
ALA....	287,431	77,105	1,723,490
ARIZ....	131,579	84,510	837,842
ARK....	805,921	177,624	2,593,727
CALIF..	144,097,070	39,526,319	1,979,686,525
COLO..	254,292	101,332	1,037,614
CONN..	107,054	61,670	1,317,682
DEL....	260,963	98,950	1,938,267
D. C....	5,196	200	28,530
FLA....	20,962	8,830	1,086,344
GA....	277,658	38,233	2,767,366
IDAHO	68,269	124,806	604,227
ILL....	2,170,340	287,734	16,583,785
IND....	1,049,232	149,441	12,817,353
IOWA..	1,983,465	446,126	11,708,336
KAS....	2,889,845	313,002	6,317,684
KY....	605,002	77,626	3,680,182
LA....	31,041	20,936	106,595
ME....	9,731	1,944	231,529
MD....	138,801	44,690	2,152,382
MASS..	58,277	14,261	1,132,838
MICH..	11,013,576	1,869,648	120,695,997
MINN..	61,916	35,950	293,805
MISS..	77,012	34,870	760,563
MO....	3,026,526	486,044	17,871,816
MONT..	986	1,121	370
NEB....	1,221,736	380,788	4,752,217
NEV....	26,607	7,941	376,205
N. H....	15,802	3,016	375,161
N. J....	1,603,280	558,945	6,501,221
N. M....	250,076	122,367	425,415
N. Y....	31,802,097	3,801,800	253,006,361
N. C....	411,278	120,208	15,116,920
N. D....	379	1,464	360
OHIO..	8,326,800	455,750	43,923,207
OKLA..	2,388,213	147,489	3,762,727
ORE....	381,302	468,598	3,506,374
PENN..	5,271,264	8,252,811	34,020,198
R. I....	7,662	9,634	152,937
S. C....	79,708	19,704	2,016,506
S. D....	38,647	46,891	144,634
TENN..	338,758	76,040	1,979,480
TEX....	712,201	297,869	1,802,618
UTAH..	201,445	94,043	1,576,363
VT....	9,318	1,845	203,011
VA....	424,701	136,026	4,108,694
WASH..	322,007	371,733	1,704,005
W. VA..	284,074	76,465	3,224,751
WIS....	148,348	63,098	701,329
WYO....	74	1,147	159
Total.	223,701,522	59,928,644	2,571,065,205

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AGRICULTURAL STATISTICS is making a great hit with farmers, who carry it around in their pockets.

Whenever in doubt, take a good look at the index. You may find what you want.

Credit for the information in AGRICULTURAL STATISTICS is due to the United States Department of Agriculture and to the Census Bureau of the United States Department of Commerce.

The Production of Strawberries.

The tabulation herewith is what we call foundation information, being a statement of the production of strawberries ten years apart. The census of 1900 showed that in the year 1899 151,363 acres were devoted to raising strawberries and the production was 257,427,103 quarts. Ten years later, in 1909, the area devoted to producing strawberries was reduced to 143,045 and the production was 255,702,035 quarts. Since the census year, all we have on strawberries are the estimates of the Agricultural Department in important strawberry-growing states.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA....	607	804,489	1,167	1,848,537
ARIZ....	60	109,550	58	95,247
ARK....	9,611	12,667,740	7,361	8,259,240
CAL....	2,418	7,690,830	4,585	15,694,326
COLO..	1,067	2,224,240	1,326	1,674,923
CONN..	971	2,569,120	993	3,016,295
DEL....	6,334	10,498,640	7,194	12,730,265
D. C....	50	84,480	15	18,709
FLA....	1,315	1,731,730	1,343	2,383,397
GA....	1,423	1,385,728	890	953,723
IDA....	229	379,630	698	953,723
ILL....	7,113	13,151,330	5,410	8,031,821
IND....	4,714	9,669,710	2,574	3,959,132
IA....	2,335	3,164,320	2,917	5,330,105
KAS....	2,304	3,321,650	1,719	2,119,048
KY....	4,128	6,767,300	1,553	2,114,929
LA....	1,395	1,841,800	3,570	6,405,236
ME....	512	1,066,860	698	1,626,250
MD....	13,980	24,035,640	14,292	23,611,095
MASS..	2,027	4,997,240	2,015	5,518,867
MICH..	10,837	18,384,340	8,051	14,218,768
MINN..	1,302	2,506,020	1,873	2,730,099
MISS..	1,383	1,546,570	772	1,345,013
MO....	7,438	13,018,466	9,048	15,171,034
MONT..	281	532,260	265	406,038
NEB....	369	408,350	562	654,061
NEV....	1	16,440	5	11,189
N. H....	307	568,640	310	639,507
N. J....	8,746	13,274,120	8,684	18,767,473
N. M....	9	15,400	20	35,634
N. Y....	7,311	13,849,860	6,382	15,945,863
N. C....	5,616	10,674,610	5,420	10,133,361
N. D....	3	4,040	88	66,028
OHIO..	9,373	17,916,080	4,706	8,501,065
OKLA..	626	670,540	825	830,404
ORE....	1,792	3,837,820	2,941	5,322,040
PENN..	5,667	10,179,430	4,136	9,033,904
R. I....	154	381,870	140	326,540
S. C....	499	845,695	815	1,337,208
S. D....	62	65,430	226	238,161
TENN..	11,543	13,683,840	10,761	12,339,584
TEX....	1,361	2,444,220	2,161	4,207,056
UTAH..	345	663,190	719	1,832,796
VT....	232	598,020	276	615,820
VA....	7,821	12,270,300	6,606	10,761,381
WASH..	1,268	2,577,580	3,283	7,683,774
W. VA..	799	1,068,300	709	812,049
WIS....	3,508	7,343,740	2,863	5,183,117
WYO....	19	19,920	24	20,895
Total	151,363	257,427,103	143,045	255,702,035

The Liberty Bond enables the holder to get four per cent. interest on idle money.

No advertising will be admitted into the columns of the WOMAN'S FARM JOURNAL unless it is first-class, and if we cannot get first-class advertising we will not have any at all.

Some pages of AGRICULTURAL STATISTICS remain from one issue to another. Important matter should be left in sight, especially if something more valuable cannot be found,

Blackberries and Dewberries.

Herewith we present the United States census figures ten years apart, showing the production of blackberries and dewberries. There is the enumeration for the year 1899, when on 50,211 acres the production was 62,189,855 quarts, and in the year 1909, when on 49,004 acres the production was 55,343,570 quarts. Missouri, New Jersey and California are the largest producers of this class.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA....	104	98,500	58	44,954
ARIZ....	9	8,690	16	13,808
ARK....	769	969,290	525	587,977
CALIF.	1,960	4,159,131	2,576	4,898,524
COLO....	195	216,020	228	227,598
CONN....	177	275,310	128	192,752
DEL....	2,935	1,976,810	1,256	1,403,977
D.OF C.	10	12,720	.....	.....
FLA....	13	13,210	13	12,817
GA....	143	144,060	67	67,285
IDAHO....	87	117,140	170	249,984
ILL....	5,032	7,294,990	3,503	291,473
IND....	3,192	5,255,840	1,347	1,482,909
IA....	1,719	1,966,070	2,279	2,733,728
KAN....	2,044	1,857,514	2,682	2,535,918
KY....	1,024	1,068,340	2,141	2,165,547
LA....	9	10,170	16	14,332
ME....	123	164,300	145	153,816
MD....	1,501	1,713,680	1,180	1,372,164
MASS....	365	522,860	287	307,987
MICH....	4,385	5,324,110	2,973	3,075,954
MINN....	162	192,010	145	139,741
MISS....	84	97,030	58	53,735
MO....	4,441	5,121,860	5,975	6,391,200
MONT....	18	17,970	34	36,321
NEB....	152	157,880	428	501,872
NEV....	4	5,410	1	1,078
N. H....	65	105,290	1	75,913
N. J....	5,254	3,918,320	4,332	5,456,789
N. M....	3	2,940	10	10,089
N. Y....	2,060	3,167,090	1,951	2,509,851
N. C....	1,073	1,089,290	1,233	2,464,065
N. D....	1	860	2	3,401
OHIO....	3,397	4,905,430	2,425	2,465,407
OKLA....	683	714,880	1,792	1,366,497
ORE....	717	1,310,920	431	915,744
PENN....	1,383	1,995,070	1,235	1,063,257
R. I....	17	23,600	16	17,875
S. C....	39	50,960	38	64,754
S. D....	5	4,880	5	6,053
TENN....	723	839,210	1,514	1,316,100
TEX....	2,394	2,701,750	2,773	1,868,119
UTAH....	72	80,110	95	184,140
VT....	18	84,990	47	56,252
VA....	444	582,830	344	273,551
WASH....	388	803,340	769	2,340,779
W. VA....	367	396,850	1,292	803,498
WIS....	411	644,880	407	498,119
WYO....	.....	480	.....	143
Total	50,211	62,189,855	49,004	55,343,570

Through the Scupperning grape, a direct offspring from the Muscadine, discovered on Roanoke Islands, Sidney Waller, of Brinkleyville, N. C., began extolling it in 1853 to the Commissioner of Patents as "the grape of grapes for the South."

Missouri increased 575,000 acres in fall wheat planting in the autumn of 1917, the largest increase of acreage of any state.

There are some errors in AGRICULTURAL STATISTICS, but we hope to dispense with them.

Idaho, Kentucky and Maryland decreased a fraction in rye planting, but all other states increased or equaled the previous planting.

Raspberries and Loganberries.

This basic tabulation is historical and gives in detail by states the acreage devoted to the production of raspberries and Loganberries ten years apart. It is the only positive information of any value that is available. In the year 1899 the area was 60,916 acres, producing 76,628,107 quarts; ten years later the area was reduced to 48,668 and the crop was 60,918,196 quarts. In 1910 another count will be made by the census enumerators. The value of the crop in 1909 was estimated at \$5,132,277.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA....	13	14,300	11	10,546
ARIZ....	315	348,450	123	96,414
ARK....	987	1,446,190	1,992	5,222,117
CALIF.	689	817,450	801	1,650,785
COLO....	366	503,210	289	384,256
CONN....	1,280	1,147,120	223	275,871
DEL....	12	15,582	.....	700
D. C....	5	5,670	.....	213
GA....	43	41,750	29	33,928
IDAHO....	230	257,960	496	575,209
ILL....	2,900	3,458,000	1,945	1,834,337
IND....	3,277	4,210,900	1,412	1,595,921
IA....	3,394	3,604,210	1,573	1,728,547
KAN....	957	820,330	713	616,035
KY....	755	787,820	564	558,529
LA....	.....	110	.....	639
ME....	131	214,700	127	154,121
MD....	1,385	1,450,250	846	959,369
MASS....	413	558,010	388	376,136
MICH....	10,193	12,119,400	8,786	8,381,943
MINN....	1,115	1,252,930	1,388	1,340,469
MISS....	49	56,020	5	7,806
MO....	1,660	1,940,850	1,331	1,563,527
MONT....	80	110,795	113	165,473
NEB....	239	232,580	247	265,183
NEV....	7	11,220	9	17,841
N. H....	80	124,760	85	86,558
N. J....	2,240	2,506,730	1,744	2,143,877
N. M....	9	8,930	12	10,222
N. Y....	12,376	17,575,530	11,057	14,751,940
N. C....	69	73,050	85	60,742
N. D....	12	13,700	.....	.....
OHIO....	6,795	8,745,950	3,869	4,029,480
OKLA....	43	55,180	85	74,104
ORE....	479	783,060	1,460	2,644,948
PENN....	3,938	5,360,530	2,594	2,906,302
R. I....	57	83,300	34	32,871
S. C....	4	4,150	2	4,955
S. D....	21	19,030	66	60,285
TENN....	471	448,170	253	222,331
TEX....	103	123,640	104	97,652
UTAH....	284	426,000	374	758,317
VT....	92	176,440	80	85,065
VA....	365	424,110	276	257,322
WASH....	625	1,134,970	1,210	3,118,720
W. VA....	704	788,360	847	618,174
WIS....	6	2,311,920	964	1,053,889
WYO....	1,616	5,220	14	15,213
Total	60,916	76,628,107	48,668	60,918,196

More mules have been sold and exported than usual, but we have remaining on hand two hundred thousand more mules than we ever had before.

Any increase expressed by percentage is under suspicion. In big items the changes are usually small.

Indiana increased 529,000 acres in planting fall wheat in 1917, being second only to Missouri.

The arrangement of AGRICULTURAL STATISTICS is a little better this time than in previous issues.

Production of Gooseberries.

Gooseberries are grown generally without any one state being far ahead of others, but the production had decreased when the last census was taken. In 1899 there were 6,752 acres, producing 9,320,530 quarts; but in 1903, when another count was taken, the area was reduced to 4,765 acres, producing 5,282,843 quarts. In 1899, Indiana and Iowa were the greatest producers, whereas in the later year Illinois and Missouri lead with considerable less production.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA.....	2	1,890	1	2,452
ARIZ.....	2	1,223		575
ARK.....	29	43,970	19	18,168
CALIF.....	133	195,670	74	145,119
COLO.....	122	133,750	192	247,956
CONN.....	7	8,010	9	9,023
DEL.....	24	31,750	11	12,123
DIS. OF C.	1	1,090		1,000
FLA.....	2	70		1,102
GA.....	2	1,900	1	1,102
IDAHO.....	150	197,540	142	130,987
ILL.....	491	779,730	603	541,496
IND.....	617	1,077,840	274	320,963
IA.....	777	975,890	189	233,541
KAS.....	212	269,860	188	138,772
KY.....	99	114,590	115	118,338
LA.....		50		
ME.....	30	41,230	59	65,867
MD.....	234	322,140	241	300,321
MASS.....	30	46,390	42	57,827
MICH.....	559	673,360	297	403,680
MINN.....	112	128,250	71	60,661
MISS.....	1	590	1	285
MO.....	731	865,870	555	470,029
MONT.....	51	115,390	35	35,896
NEB.....	192	199,680	88	82,086
NEV.....	8	13,690	11	11,355
N. H.....	4	3,540	5	5,841
N. J.....	102	124,160	155	221,337
N. M.....	12	11,680	17	14,800
N. Y.....	190	304,750	259	331,135
N. C.....	23	30,340	5	5,831
N. D.....	10	11,690	86	56,801
OHIO.....	539	767,760	226	255,840
OKLA.....	19	9,250	7	8,276
ORE.....	203	326,780	186	307,395
PENN.....	267	366,930	139	109,104
R. I.....	5	5,820	8	8,251
S. C.....		420		183
S. D.....	25	29,270	55	43,408
TENN.....	114	150,620	9	13,740
TEX.....	1	760	9	5,042
UTAH.....	110	173,460	100	147,241
VT.....	3	4,500	6	7,424
VA.....	66	75,140	22	23,447
WASH.....	211	356,570	114	143,264
W. VA.....	59	66,400	30	35,632
WIS.....	177	255,590	82	107,708
WYO.....	3	3,680	27	21,513
Total....	6,752	9,320,530	4,765	5,282,843

The peppermint plant industry assumed its greatest proportions in England in 1851, declining since that year.

In the winter of 1853 a Mr. Renick bought 1,200 cattle in Northern Texas and sold them in Illinois. This trade continued until it was exploded by the Texas cattle fever.

North Dakota planted 2,345,000 acres in rye in the fall of 1917, which is an increase of 1,279,000 acres over the planting the previous year.

The annual celery crop in the United States is not increasing; in fact, it is decreasing, and will have to be looked after.

Currant-Growing Industry.

Nearly every state in the Union grows a few currants, but only one state in the last census year produced over a million quarts, whereas ten years previous eight states did so. In the year 1899 12,865 acres were devoted to growing currants, and the production was 18,592,695 quarts. Ten years later, in the year 1909, the area devoted to currants was reduced to 7,862 acres and the total production was reduced to 10,448,532 quarts.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA.....	2	2,060		548
ARIZ.....	2	3,280	1	1,010
ARK.....	5	6,990	4	3,201
CALIF.....	724	1,031,100	407	852,378
COLO.....	226	204,480	282	493,726
CONN.....	175	245,990	54	74,488
DEL.....	12	12,600	3	2,973
DIS. OF C.	6	5,040	1	2,000
FLA.....				146
GA.....			1	2,320
IDAHO.....	181	219,580	167	101,230
ILL.....	640	842,000	252	265,358
IND.....	577	1,044,025	165	208,049
IA.....	1,017	1,226,560	253	317,637
KAS.....	134	130,210	98	67,005
KY.....	15	19,370	14	15,159
LA.....		50		
ME.....	31	37,080	80	76,031
MD.....	65	63,460	36	34,009
MASS.....	190	255,580	243	213,810
MICH.....	2,286	2,721,070	609	768,259
MINN.....	259	311,950	200	182,325
MISS.....	3	2,830		362
MO.....	194	223,730	92	91,207
MONT.....	120	252,860	115	123,031
NEB.....	161	162,880	86	90,779
NEV.....	16	25,070	11	8,824
N. H.....	24	34,060	42	43,319
N. J.....	158	264,740	124	161,223
N. M.....	10	14,340	7	5,523
N. Y.....	2,594	4,584,080	2,557	3,982,389
N. C.....	28	32,360	3	5,382
N. D.....	36	35,440	138	97,598
OHIO.....	765	1,153,920	359	460,575
OKLA.....	11	10,140	36	31,024
ORE.....	169	238,420	89	117,354
PENN.....	716	1,031,870	558	493,871
R. I.....	26	54,020	12	17,110
S. C.....	2	2,290	1	999
S. D.....	38	37,140	67	52,951
TENN.....	12	13,190	2	3,726
TEX.....	4	5,370	6	4,873
UTAH.....	194	304,850	128	195,901
VT.....	30	50,490	58	58,533
VA.....	39	42,060	5	8,127
WASH.....	238	416,170	127	194,365
W. VA.....	50	51,340	30	34,009
WIS.....	667	1,153,190	298	383,982
WYO.....	8	7,030	41	38,833
Total.	12,865	18,592,695	7,862	10,448,532

Gas Tractors in Commission.

State.	No.	State.	No.
ALA.....	313	NEVADA.....	19
ARIZ.....	23	N. H.....	23
ARK.....	336	N. J.....	107
CALIF.....	1,358	N. M.....	83
COLO.....	525	N. Y.....	1,210
CONN.....	47	N. C.....	452
DEL.....	34	N. D.....	2,137
FLA.....	71	OHIO.....	1,305
GA.....	543	OKLA.....	795
IDAHO.....	262	OREGON.....	318
ILL.....	3,202	PENN.....	595
IND.....	1,852	R. I.....	30
IOWA.....	2,223	S. C.....	387
KAS.....	2,237	S. D.....	1,627
KY.....	348	TENN.....	442
LA.....	543	TEXAS.....	2,235
MAINE.....	53	UTAH.....	88
MD.....	190	VT.....	75
MASS.....	91	VA.....	431
MICH.....	945	WASH.....	209
MINN.....	1,575	W. VA.....	90
MISS.....	377	WIS.....	904
MO.....	1,141	WYO.....	186
MONT.....	808		
NEB.....	1,773	Total.....	34,371

Apples, Peaches, Pears—1917.

In the December United States Agricultural Report the 1917 crops of apples, peaches and pears are estimated. The largest production of apples is in the state of Washington, with New York, Missouri and Pennsylvania following in the order named. In peaches the state of California leads far beyond other states. California leads in pears, followed by New York and Michigan.

State.	Apples. 1917. Yield, Bushels.	Peaches. 1917. Yield, Bushels.	Pears. 1917. Yield, Bushels.
ALA.....	1,453,000	1,830,000	80,000
ARIZ.....	135,000	60,000	21,000
ARK.....	2,683,000	840,000	103,000
CALIF.....	5,592,000	14,151,000	3,523,000
COLO.....	2,646,000	1,300,000	320,000
CONN.....	1,816,000	268,000	29,000
DEL.....	450,000	647,000	294,000
FLA.....	000	122,000	46,000
GA.....	1,754,000	4,716,000	140,000
IDA.....	1,995,000	165,000	70,000
ILL.....	7,500,000	364,000	456,000
IND.....	5,915,000	592,000	410,000
IOWA.....	5,775,000	30,000	82,000
KAS.....	3,375,000	121,000	140,000
KY.....	9,125,000	1,034,000	204,000
LA.....	000	478,000	52,000
ME.....	4,617,000	000	24,000
MD.....	2,525,000	975,000	525,000
MASS.....	2,186,000	145,000	71,000
MICH.....	5,160,000	744,000	1,080,000
MINN.....	1,445,000	000	000
MISS.....	315,000	375,000	30,000
MO.....	12,375,000	890,000	265,000
MONT.....	911,000	000	11,000
NEB.....	2,400,000	000	14,000
NEV.....	192,000	6,000	6,000
N. H.....	1,035,000	47,000	19,000
N. J.....	2,041,000	871,000	590,000
N. M.....	657,000	60,000	46,000
N. Y.....	14,059,000	2,244,000	1,708,000
N. C.....	6,156,000	1,541,000	150,000
N. D.....	000	000	000
OHIO.....	6,336,000	496,000	334,000
OKLA.....	1,300,000	1,150,000	45,000
ORE.....	3,500,000	250,000	600,000
PENN.....	12,150,000	1,440,000	448,000
R. I.....	198,000	20,000	7,000
S. C.....	818,000	1,130,000	100,000
S. D.....	349,000	000	000
TENN.....	5,000,000	900,000	75,000
TEXAS.....	345,000	2,352,000	280,000
UTAH.....	650,000	900,000	48,000
VT.....	1,286,000	000	14,000
VA.....	9,274,000	800,000	194,000
WASH.....	17,337,000	504,000	595,000
W. VA.....	5,994,000	608,000	33,000
WIS.....	3,029,000	000	000
WYO.....	000	000	000
U. S.....	174,608,000	45,066,000	13,281,000

WHEN WATERMELONS ARE HARVESTED.

Returns from truck crop reporters show the per cent. of the watermelon crop in the following states usually harvested in each month from April to October to be as follows:

State.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
Florida.....	P.ct. 2.8	P.ct. 23.8	P.ct. 56.5	P.ct. 13.9	P.ct. 1.1	P.ct. . . .	P.ct. 1.9
Texas.....	2.5	12.0	34.4	41.5	9.0	0.6	. . .
Alabama.....	2.0	18.5	54.5	18.5	6.5	. . .	. . .
N. Carolina.....	. . .	4.2	55.8	33.3	5.0	1.7	. . .
S. Carolina.....	. . .	1.2	94.4	4.4	. . .	. . .	. . .
Georgia.....	. . .	14.3	57.0	27.3	1.4	. . .	. . .
California.....	. . .	4.0	23.5	34.5	29.5	6.0	. . .
Oklahoma.....	. . .	. . .	27.5	41.2	31.3	. . .	. . .
Virginia.....	. . .	. . .	15.6	74.4	10.0	. . .	. . .

The statement accounts for nearly all the watermelons, there being few marketed before April and none after October.

We solicit regular subscriptions for AGRICULTURAL STATISTICS and intend it to be a first-class, useful publication at a fair price.

Cherry Trees and Production.

The production of cherries increased in the United States from 2,873,499 bushels in 1889 to 4,126,099 bushels in the year 1909. Since then we have no records. At the beginning of the year 1910 there were 11,822,044 trees of bearing age on 1,248,667 farms, and on 488,163 farms the 5,621,660 trees not of bearing age were growing up. The value of the cherries grown in the United States in the last census year was estimated at \$7,231,160.

State.	Trees of Bearing Age.	Trees Not of Bearing Age.	Crop, 1899, Bushels.	Crop, 1909, Bushels.
ALA.....	25,566	16,673	1,159	3,588
ARIZ.....	312	1,608	220	476
ARK.....	60,346	47,556	7,889	5,993
CAL.....	522,304	300,063	318,960	5,010,013
COLO.....	203,306	319,624	5,387	88,937
CONN.....	12,119	5,720	12,271	3,617
DEL.....	16,145	4,598	8,066	2,631
D. C.....	435	4	248	235
FLA.....	966	498	112	374
GA.....	50,723	23,479	5,950	4,979
IDA.....	61,881	95,423	12,294	22,609
ILL.....	843,283	239,605	204,279	287,376
IND.....	815,742	251,959	228,485	363,993
IA.....	908,764	129,352	118,743	260,432
KAS.....	661,307	237,051	60,511	34,409
KY.....	212,118	102,706	34,258	52,163
LA.....	975	760	336	527
ME.....	14,288	6,653	1,550	2,403
MD.....	82,305	27,774	60,452	42,315
MASS.....	13,396	6,776	6,043	4,761
MICH.....	760,183	540,580	194,541	338,945
MINN.....	25,139	35,399	960	1,526
MISS.....	13,748	9,267	2,352	2,819
MO.....	622,332	247,425	62,708	123,314
MONT.....	19,938	24,237	807	7,497
NEB.....	494,168	267,529	54,047	89,876
NEV.....	1,558	787	114	481
N. H.....	9,463	6,326	1,183	1,403
N. J.....	102,124	36,743	82,005	44,636
N. M.....	21,925	26,818	5,228	6,384
N. Y.....	673,989	342,959	218,642	271,597
N. C.....	168,065	74,111	33,899	53,788
N. D.....	5,076	21,451	4	209
OHIO.....	1,144,271	342,328	192,954	338,644
OKLA.....	295,042	150,541	3,221	2,372
ORE.....	123,456	313,770	65,347	181,089
PENN.....	1,075,031	280,251	474,940	475,093
R. I.....	964	453	1,329	214
S. C.....	60,274	25,764	6,551	10,987
S. D.....	51,613	76,293	900	5,921
TENN.....	201,830	128,406	11,688	36,303
TEX.....	29,439	43,712	663	1,062
UTAH.....	79,775	109,118	9,905	21,402
VT.....	18,006	6,659	1,069	2,506
VA.....	352,783	83,323	188,693	132,671
WASH.....	211,038	229,067	52,114	181,392
W. VA.....	332,429	124,567	87,828	79,230
WIS.....	290,195	148,775	31,067	81,340
WYO.....	919	4,025	1	68
Total.	11,822,044	5,621,660	2,873,499	4,126,099

Remember the eyes of the potato are upon you. And you had better be careful of the ears of corn, too. Yes, and beware of the catnip.

Yield of Flaxseed, 1914 and 1915.

	1914.		1915.	
State.	Yield Per Acre	Total Yield, Bushels.	Yield Per Acre.	Total Yield, Bushels.
COLO.....	9.0	16,000	9.4	9,000
IOWA.....	9.5	190,000	9.0	162,000
KAS.....	6.0	270,000	5.7	205,000
MINN.....	9.3	2,930,000	10.5	3,150,000
MO.....	8.0	64,000	8.0	48,000
MONT.....	8.0	2,560,000	10.5	1,890,000
NEB.....	7.0	49,000	11.0	77,000
N. D.....	8.3	6,972,000	9.9	6,534,000
S. D.....	7.5	2,400,000	11.0	1,650,000
WIS.....	13.5	108,000	13.5	94,000
WYO.....	.....	.....	13.0	26,000
U. S.....	8.3	15,559,000	10.1	13,845,000

The most useful farm paper in the United States is The National Farmer and Stock Grower of St. Louis, Mo. Philip H. Hale, Editor.

Results of Pear Growing.

Herewith we have a statement of the pear crop of the United States for three most important years. The foundation table is that of the census year, which is only available once in ten years. The next is the United States Agricultural Department estimate made for the year 1914, followed by the year 1915.

State.	1909. Bushels.	1914. Bushels.	1915. Bushels.
ALA.	100,041	132,000	168,000
ARIZ.	13,289	20,000	22,000
ARK.	37,547	98,000	135,000
CALIF.	1,928,097	1,958,000	1,650,000
COLO.	132,536	206,000	99,000
CONN.	41,322	43,000	36,000
DEL.	105,357	210,000	228,000
FLA.	98,223	112,000	104,000
GA.	149,667	208,000	203,000
IDAHO.	42,649	66,000	75,000
ILL.	249,365	422,000	496,000
IND.	319,925	432,000	410,000
IOWA.	44,449	84,000	106,000
KAS.	19,412	109,000	133,000
KY.	251,536	308,000	261,000
LA.	35,554	52,000	55,000
ME.	38,964	40,000	30,000
MD.	367,359	560,000	483,000
MASS.	96,071	98,000	75,000
MICH.	666,023	840,000	550,000
MINN.	400		
MISS.	101,288	142,000	160,000
MO.	142,547	283,000	294,000
MONT.	7,543	12,000	12,000
NEB.	6,700	14,000	18,000
NEV.	4,083	7,000	4,000
N. H.	21,224	22,000	18,000
N. J.	463,290	876,000	596,000
N. M.	29,433	60,000	64,000
N. Y.	1,343,080	1,298,000	1,375,000
N. C.	84,019	187,000	150,000
N. D.	8		
OHIO.	374,871	544,000	560,000
OKLA.	7,450	28,000	68,000
OREGON.	374,622	540,000	525,000
PENN.	378,825	608,000	494,000
R. I.	12,501	13,000	10,000
S. C.	65,680	109,000	91,000
S. D.	162		
TENN.	83,557	152,000	195,000
TEXAS.	110,067	266,000	301,000
UTAH.	38,654	56,000	31,000
VT.	20,763	17,000	17,000
VA.	74,486	234,000	261,000
WASH.	310,804	536,000	564,000
W. VA.	29,916	72,000	63,000
WIS.	12,992	22,000	23,000
WYO.	16		
Total.	8,840,733	12,086,000	11,216,000

Pear Growing, Crop of 1916.

This is, first, the ten-year average of a full crop of pears, followed by the 1916 percentage also of a full crop. Then follows the production, state by state, followed by the state percentage representing quality. The pear crop of the United States is not increasing.

State.	Ten- Year Average...	1916 Per Cent. Full Crop...	Production, Bushels...	Per Cent. Crop.....
ALA.	58.0	45.0	90,000	70.0
ARIZ.	82.0	80.0	18,000	88.0
ARK.	54.0	44.0	68,000	75.0
CALIF.	78.0	80.0	1,784,000	91.0
COLO.	66.0	45.0	99,000	85.0
CONN.	76.0	80.0	46,000	83.0
DEL.	60.0	47.0	164,000	87.0
FLA.	57.0	35.0	54,000	80.0
GA.	61.0	52.0	135,000	75.0
IDAHO.	76.0	55.0	50,000	90.0
ILL.	55.0	52.0	354,000	79.0
IND.	62.0	54.0	351,000	80.0
IOWA.	55.0	45.0	63,000	84.0
KAS.	56.0	44.0	77,000	70.0
KY.	54.0	40.0	160,000	78.0
LA.	63.0	70.0	49,000	91.0
MAINE.	71.0	75.0	38,000	85.0
MD.	65.0	54.0	378,000	85.0
MASS.	73.0	88.0	114,000	85.0
MICH.	66.0	76.0	836,000	87.0
MINN.				
MISS.	59.0	45.0	90,000	78.0
MO.	49.0	39.0	164,000	75.0
MONT.	82.0	40.0	6,000	90.0
NEB.	56.0	40.0	10,000	85.0
NEV.	67.0	20.0	2,000	85.0
N. H.	74.0	84.0	25,000	89.0
N. J.	68.0	68.0	687,000	80.0
N. M.	69.0	48.0	36,000	85.0
N. Y.	66.0	67.0	1,675,000	83.0
N. C.	55.0	30.0	75,000	80.0
N. D.				
OHIO.	63.0	47.0	376,000	80.0
OKLA.	59.0	15.0	11,000	70.0
OREGON.	78.0	74.0	555,000	93.0
PENN.	68.0	67.0	509,000	84.0
R. I.	76.0	85.0	14,000	80.0
S. C.	62.0	43.0	56,000	73.0
S. D.				
TENN.	52.0	25.0	59,000	70.0
TEXAS.	61.0	75.0	322,000	85.0
UTAH.	71.0	20.0	12,000	93.0
VT.	74.0	91.0	24,000	91.0
VA.	57.0	37.0	122,000	77.0
WASH.	83.0	81.0	551,000	92.0
W. VA.	53.0	40.0	42,000	82.0
WIS.	65.0	85.0	26,000	80.0
WYO.				
Total.	65.1	61.8	10,377,000	84.7

GROWING OF CELERY.

Celery growing on a commercial scale is not confined to five states, but it is only in five states that the crop is considered of sufficient dimensions to be subject of Agricultural Department crop reports. In the last census year 4,005 farms in all the different states reported growing celery on 15,863 acres, and producing crops to the value of \$3,922,848, which amounts to nearly \$250 per acre. The acreage was 13,213 in 1915 in six states, and in those same states in 1916 the acreage was only 11,588, a decrease, one year with another, of 1,625 acres.

State.	1915. Acres.	1916. In- crease, Acres.	1916. De- crease, Acres.
COLORADO.	400	400	
MICHIGAN.	3,118	3,134	16
NEW YORK.	5,900	4,404	1,496
OHIO.	1,058	1,097	39
PENNSYLVANIA.	2,737	2,553	184
Total.	13,213	11,588	1,625

Harvesting of Potatoes.

The United States Bureau of Crop Estimates of the Department of Agriculture has ascertained when white (Irish) potatoes are harvested, and the amount and quantity harvested in each month, as follows:

	1915.		1916.
Month.	Per Cent.	Bushels.	Per Cent.
JAN.		10,000	
FEB.		33,000	
MARCH.		117,000	
APRIL.	0.2	681,000	0.2
MAY.	1.0	3,601,000	1.2
JUNE.	3.2	11,626,000	3.5
JULY.	7.9	28,400,000	7.9
AUG.	13.1	46,874,000	12.9
SEPT.	29.7	106,716,000	29.5
OCT.	41.8	150,200,000	41.4
NOV.	2.9	10,665,000	3.3
DEC.		175,000	.1
Total.	100.0	359,103,000	100.0

288,964,000

The most useful farm paper in the United States is The National Farmer and Stock Grower of St. Louis, Mo. Philip H. Hale, Editor.

Three Crops of Peaches.

The following tabulated statement will show our readers something of peach growing in the United States. One table presents the actual results of the last census year 1909. Then there are the United States Department estimates for the years 1914 and 1915.

State.	1909. Bushels.	1914. Bushels.	1915. Bushels.
ALA.	1,416,584	2,310,000	2,640,000
ARIZ.	50,192	60,000	60,000
ARK.	1,901,647	3,180,000	5,940,000
CALIF.	9,267,118	10,387,000	9,768,000
COLO.	692,258	1,025,000	650,000
CONN.	269,990	142,000	335,000
DEL.	16,722	608,000	842,000
FLA.	114,940	188,000	177,000
GA.	2,555,490	5,785,000	5,330,000
IDAHO.	18,734	120,000	162,000
ILL.	1,222,570	1,755,000	874,000
IND.	1,174,389	1,128,000	648,000
IOWA.	23,180	472,000	112,000
KAS.	24,567	1,760,000	2,516,000
KY.	1,623,379	1,980,000	1,320,000
LA.	290,623	356,000	456,000
ME.	2,014		
MD.	324,609	1,032,000	1,248,000
MASS.	91,756	31,000	152,000
MICH.	1,686,586	1,247,000	2,360,000
MINN.	599		
MISS.	1,156,817	1,440,000	1,540,000
MO.	1,484,548	3,780,000	3,300,000
MONT.	128		
NEB.	110,180	192,000	120,000
NEV.	3,171	9,000	7,000
N. H.	29,218	3,000	58,000
N. J.	441,440	1,140,000	1,275,000
N. M.	32,533	106,000	154,000
N. Y.	1,736,483	530,000	2,106,000
N. C.	1,344,410	1,863,000	1,955,000
N. D.	35		
OHIO.	1,036,340	1,653,000	2,399,000
OKLA.	357,644	220,000	2,408,000
OREGON.	179,030	387,000	432,000
PENN.	1,023,570	1,541,000	2,044,000
R. I.	17,704	14,000	29,000
S. C.	643,040	1,166,000	864,000
S. D.	148		
TENN.	1,579,019	2,640,000	2,460,000
TEXAS.	729,631	1,196,000	4,235,000
UTAH.	143,237	380,000	212,000
VT.	2,221		
VA.	243,446	911,000	1,300,000
WASH.	84,404	486,000	566,000
W. VA.	328,901	886,000	1,164,000
WIS.	956		
WYO.	5		
Total.	35,420,276	54,109,000	64,218,000

Peaches, Crop of 1916.

The peach crop of 1916 was only 45 per cent. of a full crop, and the quality is 78.2 per cent. of perfection. The total production was estimated in September, 1916, by the Department of Agriculture to be 36,911,000 bushels, which is a very poor exhibit as compared with previous years.

State.	Percentage of Full Crop.	Production, Bushels.	Percentage of Quality.
ALABAMA	37.0	1,128,000	61.0
ARIZONA	80.0	56,000	90.0
ARKANSAS	45.0	2,520,000	60.0
CALIFORNIA	79.0	8,769,000	92.0
COLORADO	30.0	405,000	90.0
CONNECTICUT	40.0	136,000	78.0
DELAWARE	45.0	35,000	83.0
FLORIDA	44.0	106,000	71.0
GEORGIA	54.0	3,510,000	83.0
IDAHO	13.0	23,000	90.0
ILLINOIS	30.0	810,000	69.0
INDIANA	48.0	883,000	72.0
IOWA	8.0	64,000	65.0
KANSAS	5.0	172,000	60.0
KENTUCKY	40.0	880,000	62.0
LOUISIANA	70.0	560,000	80.0
MAINE			
MARYLAND	50.0	610,000	83.0
MASSACHUSETTS	40.0	64,000	85.0
MICHIGAN	67.0	2,010,000	85.0
MINNESOTA			
MISSISSIPPI	50.0	1,000,000	60.0
MISSOURI	18.0	1,080,000	62.0
MONTANA			
NEBRASKA	5.0	29,000	80.0
NEVADA	10.0	1,000	99.0
NEW HAMPSHIRE	40.0	24,000	90.0
NEW JERSEY	53.0	662,000	85.0
NEW MEXICO	25.0	40,000	83.0
NEW YORK	45.0	1,215,000	84.0
NORTH CAROLINA	39.0	897,000	67.0
NORTH DAKOTA			
OHIO	45.0	1,303,000	73.0
OKLAHOMA	10.0	300,000	65.0
OREGON	60.0	276,000	95.0
PENNSYLVANIA	45.0	1,058,000	80.0
RHODE ISLAND	45.0	14,000	83.0
SOUTH CAROLINA	41.0	541,000	75.0
SOUTH DAKOTA			
TENNESSEE	36.0	1,080,000	58.0
TEXAS	55.0	3,025,000	75.0
UTAH	20.0	90,000	95.0
VT.			
VIRGINIA	44.0	508,000	76.0
WASHINGTON	62.0	415,000	96.0
WEST VIRGINIA	40.0	520,000	79.0
WIS.			
WYOMING			
Total.	45.0	36,911,000	78.2

We are only three months from the Southern small grain harvest. The time will soon pass.

The table on page 47 of florists' establishments will be good for some of our readers.

AGRICULTURAL STATISTICS is the most valuable news publication started in the last five years.

Our readers should understand the difference between the census reports which, being taken once in ten years, represent actual facts, and the Agricultural Department reports, which are more frequent and are only estimates, but they are good estimates, and the best that can be obtained.

It was The National Farmer and Stock Grower of St. Louis, Mo., that originated the movement whereby so many farmers are now raising their own pure-bred seed corn.

The Length of His Job.

Mrs. Murphy—"The war 'll last but two months, I'm thinkin'."

Mrs. McGinness—"An' fur why?"

Mrs. Murphy—"My son Danny's enlisted—an', believe me, he never held a steady job more'n two months in his whole life."

How They Dye.

Willie—"Can you tell me the difference between a barber dying and a sculptor dying?"

Billy—"Easy! A barber curls up and dyes, and a sculptor makes faces and busts!"

Three Crops of Apples.

Herewith in tabulated form is the official statement of the apple crop of the United States. The year 1909 is the last official census, and the figures for the years 1914 and 1915 are estimates by the Department of Agriculture.

State.	1909. Barrels.	1914. Barrels.	1915. Barrels.
ALA.	296,000	533,000	532,000
ARIZ.	25,000	32,000	40,000
ARK.	766,000	1,667,000	1,183,000
CALIF.	1,644,000	2,000,000	1,563,000
COLO.	1,189,000	1,500,000	693,000
CONN.	514,000	833,000	511,000
DEL.	61,000	167,000	122,000
FLA.			
GA.	300,000	667,000	625,000
IDAHO.	220,000	567,000	573,000
ILL.	1,031,000	1,233,000	4,716,000
IND.	920,000	1,433,000	3,883,000
IOWA.	2,249,000	533,000	3,220,000
KAS.	452,000	1,033,000	2,125,000
KY.	2,456,000	3,000,000	4,170,000
LA.			
ME.	1,212,000	2,467,000	720,000
MD.	608,000	1,167,000	800,000
MASS.	850,000	1,467,000	885,000
MICH.	4,111,000	5,733,000	3,150,000
MINN.	348,000	233,000	412,000
MISS.	89,000	167,000	141,000
MO.	3,323,000	4,167,000	6,287,000
MONT.	189,000	300,000	347,000
NEB.	1,107,000	400,000	1,267,000
NEV.	25,000	67,000	40,000
N. H.	370,000	667,000	353,000
N. J.	469,000	1,133,000	777,000
N. M.	139,000	300,000	273,000
N. Y.	8,469,000	16,533,000	8,528,000
N. C.	1,592,000	3,000,000	1,972,000
N. D.			
OHIO.	1,555,000	4,433,000	5,984,000
OKLA.	281,000	500,000	780,000
OREGON.	644,000	1,200,000	1,043,000
PENN.	3,683,000	7,700,000	5,085,000
R. I.	71,000	133,000	59,000
S. C.	121,000	267,000	221,000
S. D.	64,000	67,000	100,000
TENN.	1,546,000	2,867,000	2,025,000
TEXAS.	56,000	167,000	187,000
UTAH.	117,000	267,000	142,000
VT.	487,000	1,067,000	324,000
VA.	2,035,000	5,100,000	4,393,000
WASH.	891,000	2,767,000	2,433,000
W. VA.	1,409,000	4,133,000	2,513,000
WIS.	744,000	733,000	1,473,000
WYO.	6,000		
Total	48,690,000	84,400,000	76,670,000

FAIRM TENURE—WHITE AND COLORED.

There were 6,361,502 farms in the United States in the last census year. Of the total 5,440,619 were conducted by white farmers and 920,993 were conducted by colored farmers. Of white farmers in ten years there was an increase of 9.5 per cent., or 471,011 farms, and there was an increase of 19.9 per cent. of colored farmers, or 153,119 farms:

WHITE FARMERS.

Tenure.	Year. 1900.	Year. 1910.	Decrease. Per Increase.	Ct.
Owners.....	3,025,931	3,159,088	133,157	4.4
Part Owners...	420,875	548,413	127,538	30.3
Managers.....	57,261	56,560	-701	-1.2
On Shares.....	988,539	1,140,215	151,676	15.3
Cash Rent....	477,002	536,343	59,341	12.4
Total U. S....	4,969,608	5,140,619	471,011	9.5

COLORED FARMERS.

Tenure.	Year. 1900.	Year. 1910.	Decrease. Per Increase.	Ct.
Owners.....	176,016	195,809	19,793	11.2
Part Owners...	30,501	45,412	14,911	48.9
Managers.....	1,824	1,544	-280	15.4
On Shares.....	284,700	388,174	103,474	36.3
Cash Rent....	274,603	289,914	15,218	5.6
Total U. S....	767,764	920,883	153,119	19.9
All Farms....	5,737,372	6,361,502	624,130	10.9

The best monthly farm paper in the United States is The National Farmer and Stock Grower of St. Louis, Mo.

Apples, Crop of 1916.

The crop of apples in the year 1916 shows a reduction of 8,975 barrels, compared with 1915, and 16,705 barrels compared with 1914, but it is 19,005 barrels greater than the crop of 1909. Comparisons showing increased and decreased crops, state by state, will be interesting.

State.	1916. Per Cent. Full Crop.	1916. Production. Barrels.	Quality 1916 Crop.
ALA.	51.0	380,000	72.0
ARIZ.	79.0	46,000	90.0
ARK.	52.0	1,018,000	64.0
CALIF.	76.0	1,918,000	89.0
COLO.	61.0	735,000	80.0
CONN.	60.0	610,000	75.0
DEL.	59.0	83,000	80.0
FLA.			
GA.	55.0	541,000	76.0
IDAHO.	80.0	147,000	86.0
ILL.	47.0	1,616,000	65.0
IND.	50.0	1,307,000	69.0
IOWA.	51.0	1,575,000	73.0
KAS.	48.0	1,040,000	65.0
KY.	53.0	2,147,000	70.0
LA.			
MAINE.	58.0	1,680,000	85.0
MD.	62.0	848,000	82.0
MASS.	61.0	1,150,000	79.0
MICH.	53.0	4,160,000	70.0
MINN.	63.0	422,000	76.0
MISS.	48.0	116,000	70.0
MO.	50.0	2,700,000	61.0
MONT.	82.0	256,000	81.0
NEB.	54.0	567,000	77.0
NEV.	67.0	16,000	90.0
N. H.	60.0	532,000	84.0
N. J.	57.0	750,000	80.0
N. M.	71.0	119,000	82.0
N. Y.	53.0	12,600,000	72.0
N. C.	57.0	2,358,000	80.0
N. D.			
OHIO.	50.0	2,867,000	71.0
OKLA.	59.0	275,000	65.0
OREGON.	75.0	1,285,000	90.0
PENN.	57.0	6,207,000	82.0
R. I.	61.0	87,000	78.0
S. C.	57.0	196,000	73.0
S. D.	64.0	116,000	90.0
TENN.	50.0	1,772,000	70.0
TEXAS.	55.0	156,000	70.0
UTAH.	76.0	33,000	85.0
VT.	58.0	1,104,000	90.0
VA.	55.0	4,433,000	82.0
WASH.	77.0	3,225,000	90.0
W. VA.	56.0	3,344,000	85.0
WIS.	61.0	878,000	73.0
WYO.			
Total.....	54.6	67,695,000	76.4

Increase in Number of Farms.

This short statement shows the number of farms in the United States each ten years since 1850 and the average acreage of the farms, with an estimate for 1917:

Year.	No. of Farms.	Acreage.
1850.....	1,449,073	202.6
1860.....	2,044,077	199.2
1870.....	2,659,985	153.3
1880.....	4,008,907	133.7
1890.....	4,564,641	136.5
1900.....	5,737,372	146.2
1910.....	6,361,502	138.1
1917, estimated.	7,000,000	134.0

The Chicago market received the most grain in 1916—total, 378,691,000 bushels; Winnipeg next, 350,300,550 bushels; and Minneapolis next with 225,352,690 bushels.

The Beekeepers and Colonies.

It is not often the colonies of bees are counted, but they are each census year. We present herewith tabulated comparison, showing the number of farms reporting the ownership of bees in each state and the number of colonies in the years 1900 to 1910. Unfortunately, the census people took the count in 1900 on June 1st and the next census the date was changed to April 15th. There appears to have been a decrease of beekeeping in ten years, from 1900 to 1910, but that is very likely not the case. We take official figures for what they are worth.

State.	Farms Reporting, June 1, 1900.	Colonies of Bees, June 1, 1900.	Farms Reporting, April 15, 1910.	Colonies of Bees, April 15, 1910.
ALA.....	32,100	205,369	23,911	135,140
ARIZ.....	489	18,991	441	23,770
ARK.....	22,182	111,318	19,692	92,731
CALIF.....	6,915	129,444	6,870	201,023
COLO.....	4,518	59,756	3,563	71,434
CONN.....	2,252	11,438	1,798	9,445
DEL.....	1,684	10,187	1,119	6,410
D. COL.....	7	59	13	151
FLA.....	4,521	39,753	4,345	38,895
GA.....	32,246	187,919	23,167	130,549
IDAHO.....	2,587	19,240	2,368	21,903
ILL.....	34,932	179,953	29,741	153,843
IND.....	28,632	117,148	19,487	80,938
IOWA.....	28,977	138,811	28,935	160,025
KAS.....	18,295	88,504	16,869	73,737
KY.....	44,974	203,820	35,603	152,991
LA.....	6,148	35,231	4,928	29,591
ME.....	2,496	10,857	1,371	7,592
MD.....	5,098	28,013	4,186	23,156
MASS.....	1,799	8,381	1,597	7,464
MICH.....	18,122	100,397	16,892	115,271
MINN.....	6,078	45,877	9,522	56,677
MISS.....	17,990	95,257	16,028	74,350
MO.....	41,145	205,110	40,110	203,569
MONT.....	234	1,801	795	6,313
N. B.	12,130	52,143	12,538	45,625
NEV.....	278	5,692	176	8,401
N. H.....	1,228	5,520	1,002	4,644
N. J.....	2,927	14,118	1,627	10,484
N. M.....	410	6,164	418	10,055
N. Y.....	22,338	187,208	15,259	156,360
N. C.....	41,051	244,539	36,248	189,178
N. D.....	30	279	79	495
OHIO.....	34,458	151,391	23,203	98,242
OKLA.....	3,438	20,137	4,816	19,413
ORE.....	8,895	55,585	8,861	47,285
PENN.....	28,962	161,670	22,297	124,815
R. I.....	370	1,681	285	1,267
S. C.....	16,272	93,958	12,528	75,422
S. D.....	387	2,063	1,355	6,565
TENN.....	38,225	225,788	27,706	144,481
TEXAS.....	60,043	392,644	37,881	238,107
UTAH.....	3,707	33,818	1,873	26,185
VT.....	1,878	12,836	1,124	10,215
VA.....	25,744	139,064	22,347	104,005
WASH.....	4,435	30,870	5,886	33,884
W. VA.....	25,249	111,417	24,035	110,673
WIS.....	10,535	60,060	10,391	95,633
WYO.....	153	1,020	579	4,596
Total.....	707,215	4,108,239	585,955	3,445,006

Average Yield of All Surplus Honey Per Colony (Spring Count).

State.	1915.	1916.	State.	1915.	1916.
ALA.....	39	48	NEB.....	51	96
ARIZ.....	70	55	NEV.....	90	60
ARK.....	25	29	N. H.....	48	38
CALIF.....	72	62	N. J.....	31	66
COLO.....	36	68	N. M.....	40	59
CONN.....	26	33	N. Y.....	59	65
DEL.....	30	36	N. C.....	42	23
DIST. OF C.....	65	85	N. D.....	72	40
FLA.....	32	33	OHIO.....	22	60
GA.....	32	33	OKLA.....	29	39
IDAHO.....	70	50	OREGON.....	35	30
ILL.....	44	81	PENN.....	34	54
IND.....	26	62	R. I.....	35	36
IOWA.....	66	82	S. C.....	23	35
KAS.....	35	60	S. D.....	48	84
KY.....	40	53	TENN.....	25	31
LA.....	30	42	TEXAS.....	37	45
MAINE.....	36	52	UTAH.....	57	33
MD.....	22	46	VT.....	35	38
MASS.....	30	36	VA.....	47	32
MICH.....	50	65	WASH.....	57	45
MISS.....	29	31	WIS.....	63	69
MINN.....	51	57	W. VA.....	33	25
MO.....	35	75	WYO.....	50	60
MONT.....	63	65	U. S.....	42.3	52.8

Honey and Wax.

In the year 1899 the production of honey was 61,099,290 pounds, production of wax 1,763,595 pounds, the total value of the same being \$6,656,611. Ten years later, in 1909, at the last census enumeration, production of honey was 54,814,890 pounds, wax production was 904,867 pounds, and the total value of honey and wax was \$5,992,083.

State.	Honey, Pounds.	Wax, Pounds.	Value, Honey.	Value, Wax.
ALA.....	891,954	50,043	\$ 88,088	\$ 11,889
ARIZ.....	1,025,282	15,012	53,298	3,905
ARK.....	913,515	20,403	107,846	5,122
CALIF.....	10,264,715	126,445	631,520	33,838
COLO.....	2,306,492	33,682	225,832	8,502
CONN.....	145,732	1,096	25,558	355
DEL.....	62,777	2,756	7,770	463
D. C.....	3,657	.....	477	.....
FLA.....	747,832	18,635	56,050	4,856
GA.....	884,662	23,434	96,114	5,774
IDAHO.....	1,011,068	8,018	86,251	2,131
ILL.....	1,428,240	26,240	194,625	6,138
IND.....	687,097	15,115	102,490	3,226
IOWA.....	2,374,080	44,266	275,418	10,011
KAS.....	609,785	4,332	83,243	1,194
KY.....	1,558,670	17,307	197,720	4,522
LA.....	340,134	12,284	30,915	2,096
ME.....	112,051	2,260	20,016	670
MD.....	306,367	4,358	38,164	1,080
MASS.....	96,802	1,019	18,806	370
MICH.....	2,507,810	28,524	289,137	7,605
MINN.....	976,262	16,880	120,560	4,057
MISS.....	559,012	15,155	60,972	3,890
MO.....	2,105,815	23,784	267,998	6,176
MONT.....	163,510	394	21,802	133
NEB.....	527,868	3,336	72,463	935
NEV.....	354,905	7,066	34,920	2,082
N. H.....	65,038	792	13,363	260
N. J.....	152,072	1,372	22,484	433
N. M.....	439,528	5,345	38,113	1,526
N. Y.....	3,191,733	43,198	376,608	13,034
N. C.....	1,809,127	76,400	211,607	18,979
N. D.....	11,084	92	1,840	29
OHIO.....	1,001,179	7,454	131,710	2,181
OKLA.....	140,234	1,088	23,783	303
ORE.....	839,981	3,383	92,476	2,014
PENN.....	1,840,360	21,823	256,428	6,376
R. I.....	14,221	185	2,904	55
S. C.....	653,119	12,440	75,941	2,995
S. D.....	139,714	943	20,165	278
TENN.....	1,468,123	28,864	175,791	7,271
TEX.....	3,093,097	58,402	308,488	14,310
UTAH.....	1,138,091	16,667	75,892	3,871
VT.....	160,283	2,899	25,351	815
VA.....	1,344,360	23,883	167,971	5,956
WASH.....	503,580	4,038	65,196	1,195
W. VA.....	1,550,739	11,090	228,843	2,787
WIS.....	2,153,819	55,402	223,606	12,117
WYO.....	138,924	1,563	16,248	477
Total.....	54,814,890	904,867	\$5,762,869	\$229,214

Honey Production, 1915 and 1916.

Special reports from honey producers indicate the following average production of honey per colony of bees for each state and the United States, 1915 and 1916.

The number of colonies at the spring count in 1916 was estimated to be 2.8 per cent. greater than shown by the spring count in 1915, which, with the yields above, show 23.3 per cent., indicating a total crop of honey greater than the crop of 1915.

Summary of Nut Growing.

The following statement gives the number of farms, state by state, in which commercial nuts are grown. It is compiled from Census Bureau Reports.

State.	1910.				Total Farms Re- port- ing.
	Pecans, Farms.	Wal- nuts, 1910.	English Wal- nuts, 1910.	Al-monds, 1910.	
ALA....	5,834	1,025	1164	69	8,092
ARIZ....	39	2	62	155	258
ARK....	1,134	997	182	22	2,335
CALIF....	294	242	7,357	6,319	14,212
COLO....	4	31	7	36	78
CONN....	3	253	.....	.....	256
DEL....	14	260	7	3	284
FLA....	4,614	218	327	29	5,188
GA....	7,353	2,083	1,020	54	10,510
IDAH0....	10	80	74	60	224
ILL....	755	1,792	87	5	2,639
IND....	280	920	.....	2	1,202
IOWA....	17	3,945	1	2	3,965
KAS....	466	1,874	.....	16	1,356
KY....	197	921	106	2	1,226
LA....	4,483	153	411	24	5,071
ME....	.....	32	.....	1	33
MD....	63	1,010	754	13	1,840
MASS....	1	280	.....	3	284
MICH....	6	2,429	.....	3	2,438
MINN....	4	321	2	1	328
MISS....	6,671	818	1,239	58	8,786
MO....	1,060	2,886	86	13	4,045
MONT....	.....	16	.....	1	17
NEB....	14	1,553	.....	2	1,569
NEV....	2	4	11	40	57
N. H....	.....	163	.....	.....	163
N. J....	12	1,072	170	3	1,257
N. M....	69	31	123	14	237
N. Y....	8	2,815	81	2	2,906
N. C....	2,110	3,929	563	37	6,639
N. D....	1	14	.....	.....	15
OHIO....	21	945	71	.....	1,037
OKLA....	1,296	470	252	47	2,065
ORE....	94	261	4,309	505	5,160
PENN....	130	13,754	68	10	13,962
R. I....	1	8	1	.....	10
S. C....	2,888	986	526	33	4,433
S. D....	7	311	.....	1	309
TENN....	395	1,280	96	7	1,787
TEX....	10,519	280	704	207	11,710
UTAH....	5	.....	53	113	171
VT....	.....	110	.....	1	112
VA....	240	2,586	371	6	3,203
WASH....	35	104	1,461	293	1,893
W. VA....	10	1,337	121	2	1,470
WIS....	.....	333	.....	.....	333
WYO....	.....	2	1	.....	3
Total.	51,160	53,145	21,859	8,214	135,268

Canned Corn, 1916-16.

The following from the United States Department of Agriculture shows that 324 factories canned 216,151 acres of corn in 1916, against 194,188 acres in 1915, an increase in 1916 of 11.3 per cent. over 1915.

State.	Factories, No.	Acres, 1916.		Increase, Per Cent.	Decrease, Per Cent.
		1916.	1915.		
DEL.....	8	3,220	3,585	11.3	.....
ILL.....	25	34,515	40,470	17.2	.....
IND.....	21	15,562	18,512	18.9	.....
IOWA....	38	33,872	39,529	16.7	.....
ME.....	39	13,523	13,478	.....	0.3
MD.....	32	20,773	22,748	9.5	.....
MICH....	5	6,650	6,028	.....	9.3
MINN....	15	5,125	5,090	.....	0.7
NEB.....	10	6,275	8,370	33.4	.....
N. Y....	42	19,202	18,070	.....	5.9
OHIO....	26	17,332	22,310	28.7	.....
PA.....	11	3,607	3,640	0.9	.....
VT.....	6	2,720	2,375	.....	12.7
WIS....	23	8,102	8,300	2.4	.....
ALL OTHER	23	3,710	3,646	.....	.....
U. S.....	324	194,188	216,151	11.3	.....

New York state leads all others in production of small fruits, Michigan and Illinois following.

Tomatoes For Canning.

In the year 1916 the canning of tomatoes increased 29.9 per cent. over the year 1915. There were 905 factories engaged in canning tomatoes and the area of production was 164,466 acres.

State.	Factories, No.	Acres, 1916.		Increase, Per Cent.	Decrease, Per Cent.
		1916.	1915.		
ARK.....	6	1,447	1,650	14.0	.....
CALIF....	25	3,839	5,830	51.9	.....
COLO....	8	840	832	.....	1.0
CONN....	4	375	285	.....	24.0
DEL.....	48	6,307	9,191	45.7	.....
ILL.....	23	3,034	3,482	14.8	.....
IND.....	89	21,229	31,605	48.9	.....
IOWA....	16	3,039	3,244	6.7	.....
KY.....	15	1,547	2,878	86.0	.....
MD.....	171	29,555	37,929	28.3	.....
MICH....	28	3,211	3,921	24.3	.....
MO.....	80	7,537	8,734	15.9	.....
NEB....	7	360	235	.....	34.7
N. J....	31	13,863	17,642	27.2	.....
N. Y....	40	7,564	7,878	4.1	.....
OHIO....	42	5,276	6,871	30.2	.....
PENN....	15	1,983	2,641	33.2	.....
TENN....	14	2,570	2,938	14.3	.....
UTAH....	20	2,244	3,095	37.9	.....
VA.....	186	8,701	11,354	30.5	.....
W. VA....	11	797	933	23.3	.....
ALL OTHER	26	1,202	1,168	.....	.....
U. S.....	905	126,520	164,466	29.9	.....

HORSES AND MULES EXPORTED.

Two tabulations show the number of horses and mules exported from the United States, month by month, during the years 1914, 1915 and 1916. These tables are made up from the Summaries of Foreign Commerce of the United States, issued by the Department of Commerce.

Year.	HORSES.		
	1914. Number.	1915. Number.	1916. Number.
JANUARY....	1,101	34,643	21,593
FEBRUARY....	1,324	36,960	22,543
MARCH.....	3,071	33,694	23,676
APRIL.....	5,161	30,735	16,437
MAY.....	1,301	33,498	18,654
JUNE.....	1,236	40,083	21,300
JULY.....	927	47,380	24,715
AUGUST.....	804	43,593	29,878
SEPTEMBER....	7,146	44,345	31,558
OCTOBER.....	12,091	46,127	29,590
NOVEMBER....	28,071	25,630	18,044
DECEMBER....	30,687	26,325	29,475
Total.....	92,923	443,014	287,413

Year.	MULES.		
	1914. Number.	1915. Number.	1916. Number.
JANUARY....	434	6,909	7,240
FEBRUARY....	625	6,638	11,597
MARCH.....	569	6,433	7,232
APRIL.....	630	12,253	5,302
MAY.....	273	13,643	9,232
JUNE.....	244	12,916	19,091
JULY.....	211	15,031	7,456
AUGUST.....	108	12,925	16,629
SEPTEMBER....	181	10,094	17,239
OCTOBER.....	195	9,396	15,309
NOVEMBER....	1,035	3,943	15,997
DECEMBER....	5,266	11,825	12,130
Total.....	9,771	122,006	134,461

Many people are confused in regard to the spring wheat and winter wheat states. There is a table in AGRICULTURAL STATISTICS that will straighten out that confusion.

One of the crop experts claims that we can export as much wheat from April to July that we did last year.

BLACK WALNUTS.

Trees, Productions and Values by Different States.

In the year 1909 black walnut trees of bearing age were grown upon 54,837 farms, and trees not of bearing age were grown upon 14,994 farms. The bearing trees numbered 786,210 and the young trees were 273,856. The total production in pounds was 15,628,776, and the total market value was \$244,479. The table herewith shows the details by states.

State.	Trees of Bearing Age.	Trees Not of Bearing Age.	Production. Pounds.	Value. Dollars.
ALA....	3,228	1,753	157,245	3,477
ARIZ....	5	26		
ARK....	9,104	5,640	514,273	7,795
CALIF....	6,582	7,905	159,374	2,562
COLO....	3,311	416	7,330	248
CONN....	3,188	2,636	45,304	1,856
DEL....	890	554	35,206	581
FLA....	470	2,855	43,573	766
GA....	6,850	4,627	427,607	8,598
IDAHO....	502	1,847	2,053	41
ILL....	44,159	24,698	530,730	7,411
IND....	11,848	4,822	378,842	4,386
IA....	125,194	24,277	1,134,061	20,589
KAS....	113,537	8,619	377,649	6,033
KY....	14,521	2,360	793,970	11,384
LA....	616	655	54,624	970
ME....	231	63	1,600	50
MD....	5,375	1,522	274,936	2,997
MASS....	1,910	434	40,064	1,219
MICH....	16,105	3,520	546,779	7,804
MINN....	7,036	6,307	65,074	1,490
MISS....	2,914	2,391	151,406	3,700
MO....	85,330	15,199	2,446,402	24,526
MONT....	20	236		
NEB....	78,296	36,522	381,968	8,740
NEV....	34		2,500	29
N. H....	1,518	708	13,330	375
N. J....	4,168	804	151,828	2,766
N. M....	101	1,823	200	10
N. Y....	19,872	27,591	465,918	11,485
N. C....	19,570	9,180	1,081,480	16,138
N. D....	2	300		
OHIO....	8,693	3,399	354,135	4,645
OKLA....	21,412	7,204	94,659	1,591
ORE....	2,024	3,405	69,097	1,333
PENN....	65,075	22,193	2,162,471	39,306
R. I....	25		1,320	45
S. C....	3,662	2,258	185,252	3,672
S. D....	16,726	10,219	72,659	1,490
TENN....	18,225	3,536	708,627	9,194
TEX....	1,820	1,206	55,446	995
VT....	1,704	253	32,910	725
VA....	23,049	9,173	600,141	9,723
WASH....	1,427	601	43,438	687
W. VA....	32,495	9,682	878,215	11,430
WIS....	3,459	922	86,086	1,617
WYO....	17	11		
Total.	786,210	273,856	15,628,776	244,479

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The most useful farm paper in the United States is The National Farmer and Stock Grower of St. Louis, Mo. Philip H. Hale, Editor.

Persian or English Walnuts.

In the year 1899 the production of English walnuts was 10,668,065 pounds, and ten years later, in 1909, the product had increased to 22,026,524 pounds. In the census year 1910 there were 16,367 farms reporting 914,270 trees of bearing age and 19,991 farms reporting 806,413 trees not of bearing age. The value of the 1909 production was estimated at \$2,297,336. California grows nearly all the crop, but we give other states the credit they are entitled to.

State.	Trees of Bearing Age.	Trees Not of Bearing Age.	Production. Pounds.	Value. Dollars.
ALA....	3,022	4,180	43,673	3,557
ARIZ....	103	324	1,000	161
ARK....	1,284	1,260	15,436	1,384
CAL....	853,237	546,804	21,432,266	2,247,193
COLO....	39	80	25	3
DEL....	15	15	222	44
FLA....	786	1,489	28,575	2,018
GA....	3,453	6,996	56,585	4,161
IDA....	407	1,013	633	79
ILL....	712	1,045	3,497	331
IA....	200			
KY....	1,227	1,193	35,825	1,499
LA....	1,223	3,390	15,173	1,446
MD....	2,068	1,758	6,916	745
MINN....	1	7	50	5
MISS....	2,705	5,513	66,492	6,949
MO....	1,214	999	5,791	618
NEV....	39	148	200	20
N. J....	429	1,360	2,798	302
N. M....	250	1,641	715	91
N. Y....	456	139	9,346	858
N. C....	2,125	1,731	73,303	3,686
OHIO....	599	220	2,461	154
OKLA....	6,889	5,962	6,700	489
ORE....	9,526	177,004	79,060	8,288
PENN....	198	142	4,523	516
R. I....	1	1		
S. C....	1,373	1,834	28,160	2,583
TENN....	437	137	4,157	295
TEX....	9,685	13,015	40,658	3,703
UTAH....	292	484	5,985	533
VA....	3,540	1,642	22,512	1,581
WASH....	3,651	23,406	16,450	2,241
W. VA....	3,035	1,481	17,337	2,153
WYO....	1			
Total	914,270	806,413	22,026,524	2,297,336

Cantaloupes, 1916 and 1917.

Eight thousand additional acres devoted to producing cantaloupes is the good record of the year 1917. We obtain therefrom a nice million additional crates. We herewith give the heart of the Agricultural Department report:

State.	1916. Acre-age Harvested. Acres.	1916. Production. Crates.	1917. Acre-age Harvested. Acres.	1917. Forecast of Production. Crates.
N. C....	4,300	602,000	4,100	574,000
S. C....	1,000	142,000	900	138,600
FLA....	5,000	730,000	7,600	1,170,400
GA....	1,500	210,000	1,200	127,200
TENN....	400	68,000	200	29,600
ALA....	300	40,800	600	88,800
ARK....	3,300	382,000	6,900	752,100
COLO....	5,300	826,800	4,500	855,000
N. M....	600	121,200	700	126,000
ARIZ....	1,800	324,000	3,400	612,000
NEV....	600	108,000	600	108,000
CALIF....				
IM. VAL.	9,200	1,987,200	13,800	2,608,200
CEN. CAL.	7,100	1,228,000	3,500	598,500
Total.	40,400	6,771,900	48,000	7,788,400

Prince, a horse of unknown breeding, trotted ten miles in 28:08½ minutes in 1853.

FERTILIZER TONNAGE.

Official Statements and Estimates of
the Amount of Commercial Fer-
tilizer Used in Each State
in Different Years.

This tabulated statement is published by courtesy of the American Fertilizer Handbook, published by Ware Bros. & Company, of Philadelphia. Where the amount of fertilizer consumed is considerable, the figures are from official records; in other states where records are not complete, the same estimates have been made. We have selected three years for publication. The first is 1910 as a starting point, and 1914 as the year of the largest consumption thus far, and the year 1915 as the latest figures available.

Consumption of Fertilizers.

State.	1910. Tons.	1914. Tons.	1915. Tons.
ALA.....	425,000	592,200	302,350
ARIZ.....	200	650	700
ARK.....	30,000	84,850	26,398
CALIF.....	41,000	39,471	31,540
COLO.....	2,000	3,500	3,600
CONN.....	42,000	85,000	92,000
DEL.....	23,000	55,000	45,000
FLA.....	182,641	240,812	208,782
GA.....	1,022,048	1,282,088	872,979
IDAHO.....	700	1,500	1,500
ILL.....	55,000	75,000	75,000
IND.....	151,856	219,000	156,152
IOWA.....	1,800	4,200	5,100
KAS.....	1,210	9,460	10,060
KY.....	58,000	83,000	85,000
LA.....	88,396	90,588	73,420
MAINE.....	125,000	168,000	160,000
MD.....	148,000	183,350	168,000
MASS.....	65,000	150,000	162,000
MICH.....	40,000	60,000	65,000
MINN.....	1,800	3,800	4,000
MISS.....	132,776	127,400	85,414
MO.....	31,585	65,000	57,000
MONT.....	200	1,100	1,200
NEB.....	200	1,250	1,500
NEV.....	100	950	1,000
N. H.....	17,500	50,000	54,000
N. J.....	125,000	155,414	153,075
N. M.....	500	1,200	1,500
N. Y.....	375,000	490,000	525,000
N. C.....	630,909	872,820	647,138
N. D.....	250	1,250	1,500
OHIO.....	142,000	203,000	225,000
OKLA.....	6,000	29,000	25,000
OREGON.....	2,500	6,300	6,500
PENN.....	300,000	381,900	316,319
R. I.....	10,300	20,000	21,600
S. C.....	975,039	1,095,728	603,421
S. D.....	100	1,000	1,500
TENN.....	58,612	93,550	66,800
TEXAS.....	34,000	77,400	17,500
UTAH.....	400	1,200	1,500
VT.....	18,000	27,500	28,000
VA.....	344,951	437,808	406,077
WASH.....	1,300	2,400	3,000
W. VA.....	32,500	35,475	46,010
WIS.....	2,000	4,500	5,000
WYO.....	100	400	500
PORTO RICO.....	23,922	18,164	20,000
Total.....	5,759,555	7,629,228	5,870,683

Do not forget the NATIONAL FARMER and STOCK GROWER, the best advertising medium for the money in the field of agricultural publications.

Fertilizers Used on Farms.

This is a foundation table on which later information can be carried. It shows the amount of money the

farmers of different states reported they had expended in one year for fertilizing materials, that year being 1899. Ten years later, in 1909, we show the number of farms in each state that reported purchasing fertilizer and the amount paid in each state for same. That is as far as we can go in this edition of AGRICULTURAL STATISTICS.

State.	1899. Amount Expended.	1909. Farms Reporting.	1909. Amount Expended.
ALA.....	\$ 2,599,290	163,241	\$ 7,630,952
ARIZ.....	2,921	33	6,080
ARK.....	172,510	22,113	596,553
CALIF.....	937,050	7,470	2,143,993
COLO.....	23,225	560	63,113
CONN.....	1,078,240	15,584	1,954,163
DEL.....	539,040	9,023	864,577
D. C.....	22,600	77	16,975
FLA.....	753,120	29,826	3,609,853
GA.....	5,738,520	286,221	16,860,129
IDAHO.....	13,150	137	20,737
ILL.....	830,600	11,207	615,594
IND.....	1,553,710	55,431	2,189,695
IOWA.....	337,190	1,776	109,570
KAS.....	268,360	1,415	75,602
KY.....	908,250	56,783	1,350,720
LA.....	1,076,890	22,111	2,004,919
ME.....	819,680	39,497	4,069,479
MD.....	2,618,890	37,154	3,387,634
MASS.....	1,320,600	21,689	1,965,682
MICH.....	492,360	31,327	945,354
MINN.....	251,120	1,436	74,653
MISS.....	932,098	78,677	2,703,271
MO.....	370,630	18,434	671,073
MONT.....	3,940	89	12,323
NEB.....	153,080	369	31,021
NEV.....	367,980	35	8,379
N. H.....	2,165,320	15,351	512,580
N. J.....	2,881	23,685	4,227,604
N. M.....	4,49,030	827	25,371
N. Y.....	4,479,630	113,833	7,142,265
N. C.....	1,73,855	181,718	12,662,533
N. D.....	2,695,470	175	10,003
OHIO.....	2,695,470	118,888	4,180,485
OKLA.....	2,7395	622	29,092
OREGON.....	2,7395	2,887	68,557
PENN.....	4,685,920	129,769	6,801,605
R. I.....	264,140	3,318	335,103
S. C.....	4,494,410	140,303	15,162,017
S. D.....	12,940	185	11,294
TENN.....	898,070	53,498	1,216,296
TEXAS.....	124,716	15,931	595,363
UTAH.....	14,300	571	20,037
VT.....	447,065	19,033	570,752
VA.....	3,681,790	111,277	6,932,455
WASH.....	29,165	1,801	87,023
W. VA.....	405,270	23,967	528,937
WIS.....	294,320	2,995	127,753
WYO.....	12,700	33	5,302
Total.....	\$53,430,910	1,823,032	\$114,882,541

Marketings of Wheat.

One table below explains by quantity when the wheat crop is sold by farmers, and the other table shows the same result by percentage. We have taken some liberties with the government report to make it handier and fit the minds of the inquirers.

Estimated Amount

	Sold Monthly by Farmers (Mil- lions of Bushels).				Per Cent. of Year's Sales.			
	1913.	1914.	1915.	1916.	1913.	1914.	1915.	1916.
JAN.	38	44	41	58	5.7	6.7	5.1	6.8
FEB.	31	32	46	58	5.4	4.8	5.7	6.8
MCH.	22	28	26	32	3.7	4.2	3.3	3.8
APR.	22	19	37	33	3.4	2.9	4.6	3.9
MAY.	25	23	22	40	3.8	3.5	2.7	4.7
JUNE.	25	25	17	31	3.3	3.8	2.1	3.6
JULY.	54	108	141	60	8.4	16.3	17.5	7.1
AUG.	88	88	106	94	13.9	13.4	13.2	11.0
SEPT.	104	94	125	122	16.4	14.3	15.5	14.1
OCT.	103	85	100	123	12.9	12.8	12.5	14.5
NOV.	69	64	83	105	8.4	9.7	10.3	12.4
DEC.	55	50	60	94	6.4	7.6	7.5	11.0
Total	635	660	804	850	100.0	100.0	100.0	100.0

THE SIZE OF AMERICAN FARMS.

The following tabulated statement is an exhibit of the different sized farms in the United States, showing the number in each state in each class. On page 4 will be found a memorandum of the total number of each size in the United States:

States.	Farms less than 3	Farms 3 to 9	Farms 10 to 19	Farms 20 to 49	Farms 50 to 99	Farms 100 to 174	Farms 175 to 250	Farms 260 to 499	Farms 500 to 999	Farms ex- ceeding 1,000
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
ALA.	130	13,613	28,115	106,841	55,448	35,563	11,932	8,161	2,276	822
ARIZ.	1,595	912	839	1,447	820	2,591	263	494	164	72
ARK.	114	6,270	29,875	74,983	45,373	39,353	11,135	6,014	1,163	398
CALIF.	1,269	9,324	11,832	20,614	10,680	12,015	4,689	7,862	5,119	4,693
COLO.	569	2,222	2,279	3,882	4,384	16,355	3,004	9,472	2,426	1,577
CONN.	223	2,693	3,119	6,306	6,634	4,999	1,702	911	188	40
DEL.	32	672	831	1,988	2,977	2,849	994	435	52	6
D. C.				217				1,956	670	371
FLA.	307	3,758	5,019	17,169	9,999	8,178	2,589	11,274	3,950	1,521
GA.	98	8,602	20,929	117,432	68,510	42,275	16,436	3,347	921	256
IDAHO.	189	875	941	4,048	5,820	11,891	2,519	19,440	1,842	203
ILL.	845	9,191	10,258	33,322	57,917	80,539	38,315	8,026	949	142
IND.	441	11,508	11,695	40,161	67,221	57,261	18,081	25,861	2,430	214
IOWA.	392	7,295	6,037	15,687	38,712	80,121	40,304	34,696	10,475	3,360
KAN.	220	4,221	3,601	10,738	26,151	57,789	26,590	9,324	2,181	444
KY.	315	21,777	33,380	58,737	65,778	43,681	4,645	3,761	1,548	1,013
LA.	344	6,671	22,241	46,389	20,248	16,633	5,653	2,640	461	129
MAINE.	118	3,456	3,539	9,492	17,895	11,457	5,043	3,027	506	83
MD.	148	4,977	5,107	8,629	7,981	5,703	2,147	1,178	319	93
MASS.	833	4,817	4,956	9,890	9,946	12,426	4,717	607	165	300
MICH.	387	6,679	7,719	49,890	73,748	50,622	27,972	24,864	3,359	800
MINN.	294	2,555	2,770	12,028	26,571	55,424	10,132	6,983	2,061	780
MISS.	240	11,131	55,571	112,666	44,615	30,172	19,812	19,812	3,427	544
MO.	455	8,561	10,740	47,398	74,178	80,020	32,109	6,773	3,353	1,999
MONT.	274	229	252	956	1,260	10,552	1,566	26,490	13,128	3,867
NEB.	120	2,998	1,931	4,558	12,618	43,916	20,743	366	248	344
NEV.	87	79	105	320	411	555	174	1,810	513	167
N. H.	92	2,357	2,146	4,509	6,248	6,247	2,964	576	112	59
N. J.	541	3,256	4,276	7,607	8,194	7,207	1,650	6,335	836	572
N. MEX.	988	3,212	2,685	2,812	1,820	15,363	21,901	9,262	1,104	243
N. Y.	1,424	17,321	15,533	31,047	56,821	61,083	15,629	9,625	2,669	805
N. C.	116	14,868	28,240	75,629	62,157	33,003	5,345	29,048	12,662	2,416
N. DAK.	54	82	93	450	1,207	68,746	18,211	6,902	783	112
OHIO.	749	19,448	18,716	50,331	88,047	55,186	16,078	17,734	2,688	857
OKLA.	104	1,975	5,079	31,489	39,002	12,009	3,680	5,663	2,716	1,716
OREGON.	244	2,639	3,147	6,888	39,721	55,518	14,096	4,816	632	167
PA.	972	19,130	18,556	39,721	1,264	915	312	175	51	24
R. I.	145	585	647	1,144	33,147	19,427	7,164	5,375	1,942	812
S. C.	53	14,218	23,714	70,582	2,406	28,396	8,230	24,811	9,698	2,174
S. DAK.	99	341	368	1,121	2,406	60,105	41,545	14,149	8,301	1,878
TENN.	143	14,738	32,485	72,212	60,105	41,545	14,149	27,185	12,833	11,123
TEXAS.	411	9,069	19,891	98,583	112,237	94,574	31,864	27,185	551	390
UTAH.	297	1,836	2,541	5,550	4,170	3,660	1,372	1,399	607	125
VT.	60	2,581	1,937	3,481	5,910	9,492	5,194	3,332	3,450	992
VA.	227	17,464	22,055	42,390	38,342	32,997	14,963	11,138	3,481	1,726
WASH.	563	4,593	5,373	10,252	7,105	13,884	3,089	6,126	1,316	437
W. VA.	117	7,419	7,863	20,323	26,806	20,156	7,481	9,274	966	141
WIS.	273	5,491	4,883	23,460	54,007	58,439	20,196	2,846	984	1,155
WYO.	284	83	53	338	645	3,816	785			

COMPARATIVE GRAIN CROPS OF UNITED STATES FOR A SERIES OF YEARS.

Crop.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.
1887	456,329,000	1,456,161,000	659,618,000	20,691,000	56,812,000
1888	414,868,000	1,987,790,000	701,735,000	28,415,000	63,884,000
1889	490,560,000	2,132,592,000	751,515,000	28,500,000	66,000,000
1890	399,262,000	1,429,970,000	523,621,000	29,000,000	58,800,000
1891	611,780,000	2,060,154,000	738,394,000	36,000,000	77,400,000
1892	515,949,000	1,628,464,000	661,035,000	36,000,000	69,869,495
1893	594,131,725	1,619,496,131	638,854,850	26,555,446	61,100,465
1894	460,267,416	1,212,770,052	602,036,928	26,737,615	67,072,744
1895	427,684,416	1,151,138,580	624,443,537	27,210,070	69,695,223
1896	530,149,168	2,283,875,165	707,346,404	24,369,017	66,685,127
1897	675,148,705	1,902,967,933	698,767,809	7,363,324	55,792,557
1898	547,303,846	1,924,184,660	730,906,613	25,657,522	58,925,833
1899	522,229,505	2,078,143,933	796,177,713	23,961,741	73,381,563
1900	748,460,218	2,105,102,516	809,125,589	23,995,927	76,460,000
1901	670,063,008	1,522,519,891	736,808,724	30,344,830	109,932,924
1902	637,821,835	1,522,618,812	787,842,712	32,630,592	134,954,023
1903	637,821,835	2,244,176,925	784,094,199	29,363,416	131,861,391
1904	552,399,517	2,467,480,934	894,595,552	27,234,565	139,748,958
1905	692,979,489	2,607,993,540	953,216,197	27,616,045	136,651,020
1906	735,260,970	2,707,993,540	964,004,523	33,374,833	178,916,481
1907	634,087,000	2,927,416,001	754,443,000	31,566,000	153,597,000
1908	683,592,000	2,592,320,000	807,156,000	31,851,000	166,766,000
1909	635,121,000	2,608,651,000	1,007,129,000	29,520,000	173,832,000
1910	621,332,000	2,552,190,000	1,186,241,000	34,897,000	160,240,000
1911	730,267,000	2,581,188,000	922,298,000	33,119,000	223,824,000
1912	763,380,000	3,124,746,000	1,418,337,000	35,664,000	178,189,000
1913	891,017,000	2,446,988,000	1,121,768,000	41,381,000	194,953,000
1914	1,011,505,000	2,672,804,000	1,141,080,000	49,190,000	237,009,000
1915	939,886,000	3,054,585,000	1,540,362,000	47,383,000	150,927,000
1916	650,828,000	2,583,241,000	1,251,892,000	60,115,000	208,975,000
1917		3,159,494,000	1,587,000,000		

FARM TENURE—WHITE AND COLORED.

In the United States at the last census 5,540,619 farms were in the hands of white farmers and 920,883 farms were in the hands of colored farmers. White owners cultivating their own farms were 3,707,501, and colored farmers cultivating their own farms were 241,221. White farm managers conducted 56,560 farms and 1,544 colored men managed other people's farms. There were 1,676,558 farms rented by white tenants and 678,118 farms rented by colored tenants.

State.	WHITE FARMERS.			COLORED FARMERS.		
	Owners.	Mgrs.	Tenants.	Owners.	Mgrs.	Tenants.
ALA.	86,947	594	65,017	17,082	52	93,309
ARIZ.	5,054	152	818	3,140	1	43
ARK.	91,987	717	58,381	14,662	46	48,885
CALIF.	65,694	3,355	16,070	938	62	2,078
COLO.	36,527	786	8,283	4,666	1	107
CONN.	23,155	937	2,610	79	12	22
DELA.	5,772	107	4,035	406	16	500
D. C.	14	1	8	1	1	3
FLA.	28,101	1,174	6,020	7,298	101	7,322
GA.	82,930	1,296	84,212	15,698	123	106,738
IDAHO.	26,826	450	3,126	343	1	62
ILL.	144,318	2,368	103,761	789	18	618
IND.	148,029	2,282	61,369	472	15	318
IOWA.	132,867	1,924	82,052	136	2	63
KAS.	110,010	1,314	61,826	1,098	21	572
KY.	104,403	953	82,099	5,929	40	5,761
LA.	42,264	873	22,530	10,725	77	44,077
MAINE.	56,429	998	2,560	25	1	3
MD.	29,569	901	12,081	3,950	87	2,335
MASS.	31,966	1,859	2,968	100	4	11
MICH.	171,525	1,952	32,537	785	9	152
MINN.	211,910	1,220	32,714	194	2	97
MISS.	67,040	719	41,886	25,026	106	139,605
MO.	190,176	1,960	81,442	2,109	41	1,516
MONT.	22,198	502	2,318	1,167	3	26
NEB.	78,881	986	49,349	369	1	93
NEV.	2,023	180	325	152	1	8
N. H.	24,410	630	1,887	12	1	2
N. J.	23,668	1,033	8,110	2,625	27	184
N. M.	31,277	817	1,934	241	4	23
N. Y.	165,866	4,037	44,755	808	14	117
N. C.	123,877	1,014	63,148	21,443	74	44,139
N. D.	62,485	482	10,650	727	2	14
OHIO.	190,791	2,725	76,579	1,313	28	609
OKLA.	74,250	624	91,643	11,150	27	9,494
ORE.	37,318	839	6,718	478	8	141
PENN.	163,888	3,930	50,931	341	31	171
R. I.	4,058	251	942	29	1	12
S. C.	43,978	732	34,926	20,372	131	76,295
S. D.	55,248	422	19,166	2,736	7	65
TENN.	133,425	775	73,504	10,700	51	27,557
TEX.	174,631	2,251	170,970	21,232	81	48,605
UTAH.	19,546	193	1,661	216	1	59
VA.	101,436	1,445	33,023	32,228	180	15,706
VT.	28,048	635	4,006	17	1	2
WASH.	46,804	950	7,313	791	11	413
W. VA.	75,420	865	19,692	558	7	143
WIS.	150,473	1,447	21,616	549	4	38
WYO.	9,781	310	894	61	1	3

U. S.	3,707,501	1,676,558	1,544
U. S.	56,560	241,221	678,118

IMPROVED AND UNIMPROVED LAND.

Tabulated statement from the United States Census of 1910, showing by states, first, the total acreage in farms; second, the amount of improved land in farms; third, the acreage in woodland; and the fourth table is of unimproved lands. Thus, the

878,798,323 acres of land in farms consist of 478,451,750 acres actually improved, 190,865,558 acres in woodland, and 209,481,022 acres of unimproved land—a few acres more or less.

NOTE.—Farm land is divided by the Census Department into three classifications: 1. Improved land includes all land regularly tilled or mowed, land pastured and cropped in rotation, land lying fallow, land in gardens, orchards, vineyards and nurseries and land occupied by farm buildings. 2. Woodland includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products. 3. Unimproved land includes brush land, rough or stony land, swamp land and any other land which is not inclosed or is in forests.

State.	Acreage in Farms.		Acreage in improved.		Acreage in woodland.		Acreage in unimproved.	
	proved.	Timber.	proved.	Timber.	proved.	Timber.	proved.	Timber.
ALA.	20,732,312	9,693,581	9,444,764	1,593,967				
ARIZ.	1,246,613	350,173	100,061	796,379				
CAL.	27,931,444	11,389,894	4,541,767	11,990,783				
COLO.	13,532,115	4,302,101	891,698	8,338,314				
CONN.	2,185,788	988,253	757,743	439,793				
DELA.	1,038,866	713,538	252,034	73,296				
D. C.	6,063	5,133	689	241				
FLA.	5,253,538	1,805,408	3,007,638	440,492				
GA.	26,953,413	12,298,017	13,002,741	1,652,635				
IDA.	5,283,604	2,778,740	534,556	1,920,308				
ILL.	32,252,937	28,048,323	3,137,879	1,326,735				
IND.	29,982,823	16,951,252	3,370,791	997,780				
IOWA.	33,903,683	29,491,199	2,314,115	2,125,374				
KAS.	43,384,799	29,904,067	1,205,910	12,274,822				
KY.	22,189,127	14,354,471	6,951,626	383,030				
LA.	10,439,481	5,276,016	4,316,561	846,904				
MA.	6,096,859	2,360,657	2,775,621	1,160,581				
MD.	5,057,140	3,354,767	1,467,333	235,040				
MAS.	2,875,941	1,164,501	1,064,583	646,887				
MCH.	18,940,614	12,832,078	2,927,554	3,180,982				
MIN.	27,675,823	19,643,533	3,922,391	4,109,899				
MIS.	18,557,333	9,008,310	7,883,558	1,665,665				
MO.	34,691,248	24,581,816	8,188,972	1,091,090				
MON.	13,545,633	3,640,369	595,870	9,309,424				
NEB.	38,622,021	24,382,577	803,206	13,436,238				
NEV.	2,714,757	752,117	49,209	1,914,431				
N. H.	2,249,458	929,185	1,502,389	87,884				
N. J.	5,273,857	1,803,336	538,131	232,390				
N. M.	11,270,021	1,467,191	1,491,025	8,311,805				
N. Y.	22,030,367	14,844,039	4,436,145	2,750,183				
N. C.	22,439,129	8,138,056	12,451,739	1,174,334				
N. D.	28,426,650	20,455,092	421,877	7,549,681				
O.	24,105,708	19,227,959	3,285,376	1,592,363				
OKL.	38,859,353	17,551,337	3,568,910	9,739,106				
ORE.	11,685,110	4,274,803	2,237,826	5,172,481				
PEN.	18,586,832	12,673,519	4,289,439	1,631,874				
R. I.	443,308	178,343	185,009	79,055				
S. C.	13,512,928	6,097,990	3,339,142	1,074,887				
S. D.	36,910,892	15,237,208	383,144	9,066,540				
TEN.	22,435,067	19,890,484	8,007,733	1,143,440				
TEX.	43,067,273	27,360,666	27,658,413	5,741,988				
UTAH.	337,099	1,368,211	115,510	1,883,973				
VT.	4,663,577	1,633,965	1,566,698	1,422,914				
VA.	19,495,636	9,870,508	8,414,680	1,210,898				
WAS.	11,712,235	6,373,311	1,541,551	3,797,373				
W. VA.	10,246,142	5,521,757	3,968,836	535,849				
WIS.	21,060,066	11,907,606	5,377,580	3,774,880				
WYO.	8,543,010	1,256,160	252,152	7,034,693				

878,798,323	190,865,558	209,481,022
478,451,750		

For the proper study of agricultural conditions there must be a starting point. Our foundation on which to build later information is the last census year.

IMPORTS AND EXPORTS OF LIVE STOCK.

The following interesting statement from official records is an exhibit of imports and exports of domestic animals. The memorandum goes back eight years. We have imported many sheep and cattle from Mexico, and have exported comparatively large numbers of horses and mules to Europe.

YEARLY STATEMENT OF IMPORTS OF DOMESTIC ANIMALS.

	1909.	1910.	1911.	1912.	1913.	1914.	1915.	1916.
Animals.								
Cattle.	153,902	211,230	25,413	325,717	736,957	727,891	553,489	295,647
Hogs.							3,578	2,462
Sheep.	127,019	56,201	23,063	15,342	115,688	199,825	276,621	125,722
Horses.	9,580	10,714	8,469	8,333	18,617	25,764	13,693	12,871
Mules.								

YEARLY STATEMENT OF EXPORTS OF DOMESTIC ANIMALS.

	1909.	1910.	1911.	1912.	1913.	1914.	1915.	1916.
Animals.								
Cattle.	181,957	109,629	164,087	46,463	26,226	8,691	16,252	12,179
Hogs.	11,886	1,019	15,246	17,478	12,118	12,303	7,260	28,301
Sheep.	54,613	52,638	177,069	191,963	170,411	78,227	40,501	55,089
Horses.	23,428	29,359	30,291	29,229	29,356	92,923	443,014	287,413
Mules.	4,162	6,458	4,920	4,490	5,075	13,761	122,000	134,461

A DIRECTORY FEATURE

It is the purpose of the publisher of AGRICULTURAL STATISTICS to introduce a Directory feature in connection with this publication, which we hope will meet with decided and gratifying encouragement.

The first Directory published by the editor of AGRICULTURAL STATISTICS was the LIVE STOCK BREEDERS' DIRECTORY OF THE UNITED STATES AND CANADA in the year 1887. Another Directory published by the editor of AGRICULTURAL STATISTICS was the AGRICULTURAL BLUE BOOK AND LIVE STOCK BREEDERS' DIRECTORY in 1910. THE BOOK OF LIVE STOCK CHAMPIONS is another of the publications which the editor of AGRICULTURAL STATISTICS has issued, thus demonstrating the fact that he and his works have always tended in the direction of live stock improvement.

It is the purpose of the publisher of AGRICULTURAL STATISTICS to present in future editions a Directory feature that will include live stock improvers and plant breeders, experimental farmers and leading agriculturists. It will be a state arrangement and each name will be followed by the lines of stock or plants which the owner is breeding and the postoffice address. There is no regular Breeders' Directory in book form at present and AGRICULTURAL STATISTICS can be the means of building up such a volume and create its usefulness at the same time.

No one will be admitted unless they are qualified, and they will each pay a fee, but that is only a dollar a year, and entitles the breeder or experimental farmer to a copy of each edition as issued. By this arrangement the breeders and farmers who are regular patrons of AGRICULTURAL STATISTICS will be known to each other, and they will also be advertised where such advertisement is the most noticeable. It is desirable that breeders shall carry small advertisements in the Directory arrangement whenever they have stock for sale. It will pay them to do so and all charges will be on a cost basis.

The publication of a Directory of the Live Stock and Plant Breeders of the United States has always been attended with some success, and the publication of AGRICULTURAL STATISTICS has also been attended with some success, but there has been a missing link, and by consolidating the STATISTICS with a Directory we make the subject medium more interesting. Live stock interests are now more closely associated than ever before. The Florida breeder wishes to know the breeders of Missouri and Illinois. The Pacific Coast is now alive with breeders who should be known to the ranchmen who may be their best customers. AGRICULTURAL STATISTICS can be the means for bringing them all together.

OUR CORDIAL INVITATION.

Any live stock breeder, plant specialist, experimental farmer, orchardist, ranch owner, who will send us one dollar, together with his name, address and his occupation, will find his name and occupation properly placed in every edition of the Directory for one year. Address, AGRICULTURAL STATISTICS, 3550 Vista Avenue, St. Louis, Mo.

AGRICULTURAL & STATISTICS.

VOL. III. JANUARY, 1918. NO. 1.

Issued by the
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St. Louis, Mo.,
In the City which is the Actual Center
of the
RICHEST AGRICULTURAL CIRCLE.



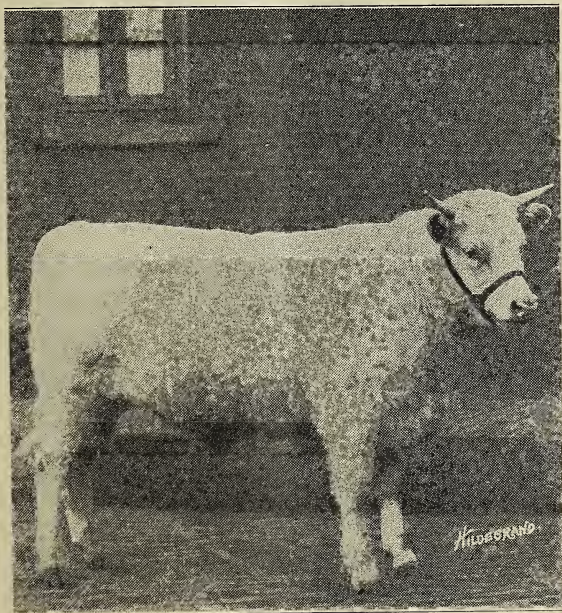
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AGRICULTURAL STATISTICS.

VOL. III. APRIL, 1918. NO. 2.



SUNBEAM.—At the Chicago International Live Stock Exposition of 1917, the greatest Live Stock Show of all time, **SUNBEAM**, a pure-bred Shorthorn, was a senior steer calf in a class calved between September 1st, 1916, and January 1st, 1917. The steer was first-prize winner in class. It was a boys' feeding contest and was won by Ralph Peak, of Winchester, Ill. **SUNBEAM** shows the class of animal to make baby beef.

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St. Louis stands in the center of the richest farm acreage in the United States. In a three-hundred-mile circle around St. Louis there are 1,350,000 farms, averaging 120 acres, and a rural population of 9,000,000 people. The value of the grain productions in this circle ascertained in the census year was placed at six hundred millions of dollars.

The census enumeration of live stock in this territory is 11,400,000 cattle, 18,540,000 hogs, 6,400,000 sheep, 5,255,000 horses, and 1,266,326 mules—a total of 42,861,326 farm animals. There is also a poultry interest, selling surplus products, which they do not hesitate to claim to be equal in value to all grain productions. In vegetable production, and large and small fruits, the same territory is prominent. In farm dairying it is second to none, producing milk, cream, butter and cheese that reach every market in the country.

In this territory, of which St. Louis is the center, the farmer is within a few miles of good markets and he has at last come into his own. Formerly the farmer sold many of his products at less than cost of production and city people fattened upon his labors. To-day the farmer is approaching an affluent condition and the so-called professional consumers have to study economy.

The most influential farm publication circulating in the territory named is THE NATIONAL FARMER AND STOCK GROWER, issued monthly at St. Louis, Mo. There are other good papers, but THE NATIONAL FARMER AND STOCK GROWER is by far the best. As an advertising medium it reaches substantial farming establishments, and it is read with equal satisfaction by the farmer, the farmer's wife, his sons, his daughters, and his male and female employes. All advertising is restricted to such as the publishers can guarantee to be reliable.

BUSINESS DIRECTORY SECTION,

Being a List of Individuals and Corporations Having Interests With Farmers of the United States.

This Directory is but the beginning. Most of the firms in the list are paid subscribers to **Agricultural Statistics** and should be known as such to other subscribers. A few selected names and addresses of firms we desire to secure as patrons appear in this number to show the purpose of the Directory which thus far are not paid for. We draw their attention to this paragraph and ask that a subscription be sent in. One dollar (\$1.00) pays for two lines in the Directory for one year and includes a copy of each quarterly edition of **Agricultural Statistics** for one year. For three lines the price is \$1.50; four lines, \$2.00; and one inch, \$5.00 a year; two inches, \$10.00 a year; and so on. Large advertisements are not solicited, but pages will be sold. The charge is to cover cost and no more. Advertising for lines and single inch cards is payable in advance.

We solicit any and all firms doing business with farmers to send in their entries and their subscriptions. **Agricultural Statistics** is by far the most important publication originated in the agricultural interest in the past ten years and the patronage is multiplied each edition. See Farm Directory Section in this edition.

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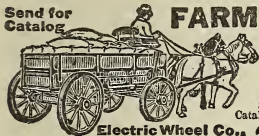
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The Hay Crop, 1915 and 1916.

State.	1915.		1916.	
	Tame Hay, Tons.	Wild Hay, Tons.	Tame Hay, Tons.	Wild Hay, Tons.
ALA.	362,000	34,000	358,000	42,000
ARIZ.	470,000	10,000	627,000	14,000
ARK.	560,000	127,000	469,000	92,000
CAL.	4,520,000	280,000	4,375,000	240,000
COL.	2,134,000	515,000	1,988,000	423,000
CONN.	493,000	12,000	574,000	15,000
DEL.	84,000	12,000	116,000	13,000
FLA.	61,000	12,000	70,000	10,000
GA.	345,000	17,000	375,000	18,000
IDA.	1,828,000	157,000	1,812,000	134,000
ILL.	3,696,000	124,000	4,495,000	156,000
IND.	3,030,000	78,000	3,312,000	91,000
IA.	5,576,000	1,116,000	5,796,000	845,000
KAS.	4,062,000	2,240,000	2,604,000	1,650,000
KY.	1,225,000	6,000	1,415,000	6,000
LA.	438,000	35,000	429,000	42,000
MD.	1,397,000	4,000	1,740,000	27,000
MASS.	468,000	25,000	688,000	6,000
MICH.	705,000	39,000	749,000	24,000
MIN.	3,209,000	2,565,000	3,496,000	2,888,000
MISS.	350,000	50,000	371,000	52,000
MO.	4,636,000	150,000	4,355,000	154,000
MON.	1,550,000	704,000	1,402,000	581,000
NEB.	4,290,000	3,480,000	4,070,000	3,130,000
NEV.	675,000	225,000	540,000	171,000
N. H.	504,000	17,000	767,000	23,000
N. J.	523,000	34,000	585,000	45,000
N. M.	442,000	25,000	370,000	13,000
N. Y.	5,850,000	58,000	7,290,000	104,000
N. C.	648,000	60,000	507,000	44,000
N. D.	660,000	2,500,000	884,000	2,670,000
OHIO	4,049,000	3,000	4,867,000	3,000
OKL.	1,058,000	791,000	825,000	645,000
ORE.	1,870,000	268,000	1,955,000	220,000
PA.	4,340,000	14,000	5,208,000	23,000
R. I.	71,000	17,000	81,000	1,000
S. C.	286,000	14,000	325,000	15,000
S. D.	1,220,000	4,340,000	1,387,000	3,900,000
TEN.	1,396,000	32,000	1,449,000	38,000
TEX.	765,000	343,000	576,000	262,000
UTAH.	985,000	110,000	845,000	102,000
VT.	1,310,000	14,000	1,666,000	18,000
VA.	945,000	9,000	1,066,000	9,000
WAS.	1,868,000	32,000	2,006,000	42,000
W. VA.	1,095,000	7,000	1,270,000	7,000
WIS.	4,508,000	420,000	4,420,000	481,000
WYO.	1,210,000	299,000	1,044,000	255,000

Total 85,225,000 21,491,000 89,991,000 19,795,000

Wheat Supply and Consumption.

The following tabulation was prepared in the United States Department of Agriculture to show the per capita production of wheat.

Year.	Production, Bushels,...	Export, Bushels,...	Consumption, Bushels,...	Carried Over, Bushels,...
1900.....	6.87	2.84	....	1.16
1901.....	9.64	3.62	6.85	1.24
1902.....	8.46	2.56	6.18	.96
1903.....	7.89	1.49	6.53	.86
1904.....	6.70	.53	6.35	.68
1905.....	8.24	1.16	6.58	1.18
1906.....	8.58	1.71	6.50	1.55
1907.....	7.26	1.87	6.17	.77
1908.....	7.47	1.28	6.48	.48
1909.....	8.14	.76	6.74	.92
1910.....	6.89	.75	6.08	.98
1911.....	6.62	.85	5.93	.82
1912.....	7.65	1.50	6.03	.94
1913.....	7.87	1.50	6.53	.78
1914.....	9.03	2.37	5.89	.65
1915.....	10.09	2.50	6.55	1.59
1916.....	6.00	....	....	....

Indiana increased 529,000 acres in planting fall wheat in 1917, being second only to Missouri.

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STATEMENT OF OWNERSHIP, MANAGE-
MENT, ETC.,

—JO—

AGRICULTURAL STATISTICS,

Published Quarterly at St. Louis, Mo.,
April 1, 1918.

State of Missouri,
County of St. Louis, ss.

Before me, a Notary Public in and for
the State and County aforesaid, personally
appeared Philip H. Hale, who, having been
duly sworn according to law, deposes and
says that he is the Editor and Manager of

AGRICULTURAL STATISTICS,

and that the following is, to the best of his
knowledge and belief, a true statement of
the ownership, management, etc., of the
aforesaid publication for the date shown
in the above caption, required by the Act
of August 24, 1912, embodied in Section 443,
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Sworn to and subscribed before me this
30th day of March, 1918.

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(My commission expires January 31, 1922.)

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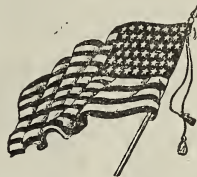
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government bond is good interest.

A Longing For the Census.

As we approach the census year we
feel that AGRICULTURAL STATIS-
TICS has not lived thus far in vain.
When we can compare farm produc-
tions of 1899, 1909 and 1919 we will
have a triple basis on which to hang
the later agricultural estimates.



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to press subscriptions are being
taken for the Third Liberty Loan.
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per cent. interest, which with
exemption from taxation places them
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Liberty Bond.

Obsolete Measures.

In figuring quantities of grain,
remember that a wheat bushel is
sixty pounds, a corn bushel is fifty-
six pounds, and an oats bushel is
thirty-two pounds. Better consider
that the oats bushel, in weight, is
very little over half a bushel in
reality. The bushel measures ought
to be forgotten and bread and grain
be sold by the pound or hundred
pounds.

States in Agriculture.

It is natural to forget the size of a
state when considering the value of
farm productions, but it is interest-
ing to know how each state stands
in value of crops. A table in this
publication will show that the first
ten states are Illinois, Texas, Iowa,
Ohio, Missouri, Georgia, Nebraska,
Indiana, Minnesota and California,
in the order named.

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THE UNITED STATES.

Number of Farms, Average Size and Farm Population.

These figures are from the United States Census, the latest available that can be relied upon, since then the only change of importance has been the increase of about ten per cent. in population and probably in farms.

State.	No. of Farms in State.	Average.	Rural Population, 1910.
ALA..	262,901	78.9	1,767,662
ARIZ..	9,227	135.1	141,004
ARK..	214,678	81.1	1,371,768
CALIF.	88,791	316.7	907,810
COLO.	46,170	293.1	394,184
CONN.	26,815	81.5	114,917
DEL..	10,836	95.9	105,237
D. C.	217	27.9	1,000
FLA..	50,016	105.6	533,539
GA....	291,027	92.6	2,070,471
IDAHO.	30,807	171.5	255,696
ILL..	251,872	129.1	2,161,662
IND..	215,485	98.8	1,557,041
IOWA.	217,044	156.3	1,544,717
KAS..	177,841	244.0	1,107,159
KY...	259,185	85.6	1,734,463
LA....	120,516	86.6	1,159,872
MAINE.	60,016	104.9	360,928
MD...	48,923	103.4	637,154
MASS.	36,917	77.9	241,049
MICH.	206,960	91.5	1,483,129
MINN.	156,137	177.3	1,225,414
MISS..	274,382	67.6	1,589,803
MO...	277,244	124.8	1,894,518
MONT.	26,214	516.7	242,633
NEB..	129,678	297.8	881,362
NEV..	2,689	1,009.6	68,508
N. H..	27,053	120.1	175,473
N. J..	33,487	76.9	629,957
N. M..	35,676	315.9	280,730
N. Y..	215,597	102.2	1,928,120
N. C..	253,725	88.4	1,887,813
N. D..	74,360	382.3	513,820
OHIO.	272,045	88.6	2,101,978
OKLA.	190,192	151.7	1,337,000
OREGON	45,502	256.8	365,705
PENN.	219,295	84.8	3,034,444
R. I..	5,292	83.8	17,956
S. C..	176,434	76.6	1,290,568
S. D..	77,644	335.1	507,215
TENN.	246,012	81.5	1,743,744
TEXAS.	417,770	269.1	2,958,438
UTAH.	21,676	156.7	200,417
VT...	32,709	142.6	187,013
VA...	184,018	105.9	1,585,083
WASH.	56,192	208.4	536,460
W. VA.	96,685	103.7	992,877
WIS...	177,127	119.0	1,329,540
WYO..	10,987	717	102,744

Total..	6,361,502	49,348,883
Add..	636,150	4,934,888
Total.	6,997,652	54,283,771

Development of Agriculture.

The following tabulated statement is for the purpose of placing before us in a simple manner the United States government estimate of values on the farm of the crops and live stock produced in the United States from 1879 to 1917. It also estimates the proportionate value of the crops and the value of live stock:

Year.	Total Value.	Value Per Cent. Crops.	Stock.
1879...	2,212,541,000	63.1	36.9
1889...	2,460,107,000	63.5	36.5
1897...	3,960,822,000	63.6	36.4
1898...	4,338,946,000	63.6	36.4
1899...	4,717,070,000	63.6	36.4
1900...	5,009,595,000	63.7	36.3
1901...	5,302,120,000	63.8	36.2
1902...	5,594,645,000	64.0	36.0
1903...	5,887,170,000	64.1	35.0
1904...	6,121,778,000	65.0	35.0
1905...	6,273,997,000	64.0	36.0
1906...	6,751,210,000	63.0	37.0
1907...	7,487,989,000	63.6	36.4
1908...	7,890,626,000	64.6	35.4
1909...	8,498,311,000	64.6	35.4
1910...	9,037,391,000	60.7	39.3
1911...	8,819,175,000	63.1	36.9
1912...	9,342,700,000	62.5	37.5
1913...	9,849,513,000	62.3	37.7
1914...	9,894,961,000	61.8	38.2
1915...	10,775,490,000	64.1	35.9
1916...	13,406,364,011	67.5	32.5
1917...	19,443,849,381	70.9	30.0

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Farms in the United States.

According to the last census the following is a brief summary of the number and size of all the farms in the United States. The average size is 138.1 acres, of which an average of 75.2 acres are improved and 62.9 acres are unimproved:

Number.	Extent.
18,033.....	Under 3 acres.
317,010.....	3 to 9 acres.
504,123.....	10 to 19 acres.
1,414,376.....	20 to 49 acres.
1,438,069.....	50 to 99 acres.
1,516,286.....	100 to 174 acres.
534,191.....	175 to 259 acres.
443,984.....	260 to 499 acres.
125,295.....	500 to 999 acres.
50,135.....	1,000 acres and over.

6,361,502 Farms in U. S., 1910.

It was The National Farmer and Stock Grower, published monthly at St. Louis, Mo., that started the agitation against the high rate of interest on farm loans.

CROP SUMMARY OF U. S.

Statement of Acreage and Yield of Principal Crops For Four Years and a Five-Year Average.

This is simply a brief tabulation which is comprehensive. It gives the U. S. totals, and the state tables on different pages will be found the crops of the different states.

THE CORN CROP.

Year.	Acres.	Acres.	Production, Bushels.
1910.	104,035,000	27.7	2,886,260,000
1911.	105,825,000	23.9	2,531,488,000
1912.	107,083,000	29.2	3,124,746,000
1913.	105,820,000	23.1	2,446,988,000
1914.	103,435,000	25.8	2,672,894,000
1915.	108,321,000	28.2	3,054,535,000
1916.	105,954,000	24.4	2,583,241,000
1917.	119,755,000	26.4	3,159,494,000

THE WINTER WHEAT CROP.

1914.	36,008,000	19.0	684,999,000
1915.	40,453,000	16.2	655,045,000
1916.	34,829,000	13.8	481,744,000
1917.	27,430,000	15.2	418,070,000

THE SPRING WHEAT CROP.

1914.	17,533,000	11.8	206,027,000
1915.	19,445,000	18.3	356,460,000
1916.	17,956,000	8.8	158,142,000
1917.	18,511,000	12.6	232,758,000

TOTAL WHEAT CROP.

1910.	45,681,000	13.9	635,121,000
1911.	49,543,000	12.5	621,338,000
1912.	45,814,000	15.9	730,267,000
1913.	50,184,000	15.2	763,380,000
1914.	53,541,000	16.6	891,017,000
1915.	59,898,000	16.9	1,011,505,000
1916.	52,785,000	12.1	639,886,000
1917.	45,941,000	14.2	650,828,000

THE OATS CROP.

1910.	37,548,000	31.6	1,186,341,000
1911.	37,763,000	24.2	922,298,000
1912.	37,917,000	37.4	1,418,337,000
1913.	38,399,000	29.2	1,121,768,000
1914.	38,442,000	29.7	1,141,060,000
1915.	40,780,000	37.8	1,540,362,000
1916.	51,539,000	30.1	1,251,992,000
1917.	43,572,000	36.4	1,587,000,000

THE BARLEY CROP.

1910.	7,743,000	22.5	173,832,000
1911.	7,627,000	21.0	160,240,000
1912.	7,530,000	29.7	223,824,000
1913.	7,490,000	23.8	178,189,000
1914.	7,565,000	25.8	194,953,000
1915.	7,395,000	32.0	237,000,000
1916.	7,674,000	23.6	150,927,000
1917.	8,835,000	23.7	208,975,000

THE RYE CROP.

1910.	2,185,000	16.0	34,897,000
1911.	2,127,000	15.6	33,119,000
1912.	2,117,000	16.8	35,664,000
1913.	2,557,000	16.2	41,381,000
1914.	2,541,000	16.8	42,779,000
1915.	2,856,000	17.2	49,190,000
1916.	3,096,000	15.3	47,383,000
1917.	4,102,000	14.7	60,145,000

THE BUCKWHEAT CROP.

1910.	860,000	20.5	17,598,000
1911.	833,000	21.1	17,549,000
1912.	841,000	22.9	19,249,000
1913.	805,000	17.2	13,833,000
1914.	792,000	21.3	16,881,000
1915.	806,000	19.6	15,769,000
1916.	845,000	14.0	11,840,000
1917.	1,006,000	17.4	17,460,000

THE FLAXSEED CROP.

1910.	2,467,000	5.2	12,718,000
1911.	2,757,000	7.0	19,370,000
1912.	2,851,000	9.8	28,073,000
1913.	2,291,000	7.8	17,853,000
1914.	1,645,000	8.4	13,749,000
1915.	1,367,000	10.1	13,845,000
1916.	1,605,000	9.6	15,459,000
1917.	1,809,000	4.7	8,473,000

THE RICE CROP.

1910.	733,000	33.9	24,510,000
1911.	696,000	32.9	22,934,000
1912.	723,000	34.7	25,054,000
1913.	827,000	31.1	24,744,000
1914.	694,000	34.1	23,649,000
1915.	803,000	36.1	28,947,000
1916.	878,000	47.8	41,982,000
1917.	964,100	37.6	36,278,000

THE WHITE POTATO CROP.

1910.	3,720,000	93.8	349,032,000
1911.	3,619,000	80.9	292,737,000
1912.	3,711,000	113.4	420,647,000
1913.	3,668,000	90.4	331,525,000
1914.	3,711,000	110.5	409,921,000
1915.	3,761,000	95.5	359,103,000
1916.	3,580,000	80.4	285,437,000
1917.	4,390,000	100.8	442,536,000

THE SWEET POTATO CROP.

1910.	641,000	93.5	59,938,000
1911.	605,000	90.1	54,538,000
1912.	583,000	95.2	55,479,000
1913.	625,000	94.5	59,057,000
1914.	603,000	93.8	56,574,000
1915.	719,000	103.3	74,395,000
1916.	774,000	91.7	70,955,000
1917.	953,000	91.4	87,141,000

TAME HAY CROP—TONS.

1914.	49,145,000	1.43	70,071,000
1915.	50,872,000	1.68	85,325,000
1916.	54,965,000	1.64	89,991,000
1917.	53,516,000	1.49	79,528,000

WILD HAY CROP—TONS.

1915.	16,796,000	1.27	21,343,000
1916.	16,637,000	1.19	19,795,000
1917.	16,472,000	.94	15,402,000

THE TOBACCO CROP—POUNDS.

1910.	1,336,000	807	1,103,415,000
1911.	1,013,000	893	905,109,000
1912.	1,226,000	785	962,885,000
1913.	1,216,000	784	953,734,000
1914.	1,224,000	845	1,034,679,000
1915.	1,368,000	775	1,060,587,000
1916.	1,411,800	815	1,150,622,000
1917.	1,446,000	827	1,196,451,000

THE COTTON CROP—BALES.

1910.	33,403,000	170.7	11,609,000
1911.	36,045,000	207.7	15,693,000
1912.	34,283,000	190.9	13,703,000
1913.	37,089,000	182.0	14,116,000
1914.	36,832,000	209.2	16,135,000
1915.	30,957,000	172.5	11,161,000
1916.	35,239,000	156.3	11,511,000
1917.	33,634,000	155.7	10,949,000

THE SUGAR BEET CROP—TONS.

1914.	483,400	11.6	5,585,000
1915.	624,000	10.4	6,462,000
1916.	665,308	9.3	6,228,000
1917.	675,400	9.2	6,237,000

CROP OF EDIBLE BEANS—Bushels.

1915.	928,000	11.1	10,321,000
1916.	1,107,000	9.7	10,715,000
1917.	1,832,000	8.6	15,701,000

CROP OF KAFIRS—BUSHEL.

1915.	4,153,000	27.6	114,460,000
1916.	3,812,000	13.2	50,340,000
1917.	5,153,000	14.7	75,866,000

THE CROP OF ONIONS—BUSHEL.

1915.	27,579	278	7,663,712
1916.	24,559	261	6,417,183
1917.	41,300	328	13,554,000

THE CROP OF CABBAGE—TONS.

1915.	69,420	9.7	670,631
1916.	40,080	6.2	246,988
1917.	66,800	7.5	502,700

THE YIELD OF HOPS—POUNDS.

1915.	44,700	1.187	52,986,000
1916.	43,900	1.152	50,537,000
1917.	29,900	.929	27,788,000

PRODUCTION OF CRANBERRIES—BARRELS.

1915.	23,100	19.1	441,000
1916.	23,600	17.6	415,000
1917.	18,190	13.7	249,009

THE CROP OF APPLES—BUSHEL.

1915.....	76,670,000
1916.....	67,695,000
1917.....	58,203,000

YIELD OF PEACHES—BUSHEL.

1915.....	64,097,000
1916.....	36,939,000
1917.....	45,066,000

THE CROP OF PEARS—BUSHEL.

1915.....	11,216,000
1916.....	10,377,000
1917.....	13,281,000

THE CROP OF ORANGES.

1915.....	21,200,000
1916.....	23,835,000
1917.....	12,832,000

THE CROP OF SORGHUM SYRUP—GALLONS.

1916...	157,000	87.3	13,668,000
1917...	378,000	90.4	34,175,000

CROP OF PEANUTS—BUSHEL.

1916..	1,076,350	32.8	35,325,500
1917..	2,084,000	28.9	60,222,000

The farm price for cotton is 31.8 cents a pound, against 12.4 cents, the five-year April average before the war.

State Crop Valuations.

We have here the state quotations of all crops. It also gives a number showing the relative rank of each state. The table is for two years, 1916 and 1917. There is considerable difference one year with another in regard to state valuations. Thus, for instance, Texas was first in 1916 and second in 1917; Illinois was third in 1916 and first in 1917; Missouri was fourteenth in 1916 and fifth in 1917; Kansas was sixth in 1916 and 14th in 1917.

		1916.		1917.	
State.	Rank.	Value of Crops.	Rank.	Value of Crops.	Rank.
ALA.	27	\$ 165,487,000	25	\$ 291,563,000	
ARIZ.	45	18,626,000	45	27,068,000	
ARK.	16	248,463,000	20	359,538,000	
CALIF.	13	267,638,000	10	432,285,000	
COLO.	30	106,453,000	28	164,890,000	
CONN.	40	42,911,000	39	57,814,000	
DEL.	46	17,847,000	44	27,707,000	
FLA.	37	61,888,000	33	104,771,000	
GA...	5	358,023,000	6	542,733,000	
IDA.	36	74,243,000	36	94,890,000	
ILL...	3	477,263,000	1	842,042,000	
IND.	9	285,384,000	8	503,154,000	
IOWA.	2	516,490,000	3	783,488,000	
KAN.	6	315,678,000	14	399,844,000	
KY...	19	221,311,000	16	375,710,000	
LA...	25	186,494,000	24	313,352,000	
ME...	32	88,938,000	37	71,425,000	
MD...	34	86,093,000	31	123,879,000	
MASS.	38	51,853,000	38	69,106,000	
MICH.	17	237,175,000	21	356,265,000	
MINN.	12	268,775,000	9	480,230,000	
MISS.	23	197,852,000	19	359,596,000	
MO...	14	261,269,000	5	546,036,000	
MONT.	29	121,055,000	35	103,845,000	
NEB...	4	389,025,000	7	522,186,000	
NEV...	47	17,148,000	47	25,655,000	
N. H...	43	26,714,000	46	25,748,000	
N. J...	35	79,781,000	34	103,895,000	
N. M...	44	22,670,000	43	38,470,000	
N. Y...	8	294,476,000	12	417,798,000	
N. C...	11	272,076,000	11	417,846,000	
N. D...	26	169,660,000	27	220,290,000	
OHIO.	10	284,323,000	4	546,058,000	
OKLA.	18	236,832,000	23	329,579,000	
ORE...	31	105,500,000	32	108,632,000	
PENN.	7	299,408,000	13	412,394,000	
R. I...	48	5,556,000	48	8,352,000	
S. C...	22	199,532,000	15	389,887,000	
S. D...	24	189,257,000	18	366,582,000	
TENN.	21	213,701,000	26	290,819,000	
TEXAS.	1	695,365,000	2	788,983,000	
UTAH.	39	43,436,000	41	49,627,000	
VT...	41	42,782,000	42	45,950,000	
VA...	20	215,079,000	22	344,159,000	
WASH.	28	127,502,000	29	144,422,000	
W. VA.	33	87,428,000	30	132,281,000	
WIS...	15	254,599,000	17	367,095,000	
WYO.	42	36,811,000	40	52,829,000	
Total.		\$8,985,870,000		\$13,580,768,000	

Increase in Number of Farms.

This short statement shows the number of farms in the United States each ten years since 1850 and the average acreage of the farms, with an estimate for 1917:

Year.	No. of Farms.	Acreage.
1850.....	1,449,073	202.6
1860.....	2,044,077	199.2
1870.....	2,659,985	153.3
1880.....	4,008,907	133.7
1890.....	4,564,641	130.5
1900.....	5,737,372	143.2
1910.....	6,361,502	138.1
1917, estimated.	7,000,000	134.0

A Liberty Bond at $4\frac{1}{4}$ per cent. is a slashing good investment.

All Kinds of Wheat, 1914-1915.

This is the consolidated statement of both winter and spring wheat for the years 1914 and 1915. Without going back for records we cannot clearly understand the present. The year 1915 is the big year in all kinds of wheat, thanks mainly to North Dakota.

State.	1914.		1915.	
	Yield Per Acre, Bushels.	Production, Bushels.	Yield Per Acre, Bushels.	Production, Bushels.
ALA....	13.0	403,000	12	1,200,000
ARIZ....	28.0	868,000	18	1,092,000
ARK....	13.0	1,625,000	12.5	2,750,000
CALIF....	17.0	68,000	16.0	7,040,000
COLO....	23.8	11,312,000	24.2	13,770,000
CONN....				
DEL....	20.5	2,337,000	15.0	1,875,000
FLA....				
GA....	12.1	1,694,000	11.0	3,575,000
IDAHO....	26.2	14,362,000	28.0	18,730,000
ILL....	18.5	46,250,000	19.0	53,200,000
IND....	17.4	43,239,000	17.2	45,580,000
IOWA....	18.6	15,066,000	20.0	18,985,000
KAS....	20.5	177,200,000	12.5	106,538,000
KY....	16.5	12,540,000	11.0	9,900,000
LA....				
MAINE....	27.0	81,000	28.0	112,000
MD....	21.5	13,158,000	16.1	10,272,000
MASS....				
MICH....	19.7	17,316,000	21.3	20,448,000
MINN....	10.6	42,975,000	17.0	70,870,000
MISS....	13.0	13,000	20.0	100,000
MO....	17.0	48,333,000	12.3	34,108,000
MONT....	20.2	18,356,000	26.5	42,180,000
NEB....	18.6	68,116,000	18.3	71,018,000
NEV....	29.6	1,332,000	29.6	1,660,000
N. H....				
N. J....	18.0	1,422,000	20.0	1,560,000
N. M....	24.2	1,838,000	22.2	1,976,000
N. Y....	22.5	8,100,000	25.0	11,875,000
N. C....	12.0	7,332,000	10.9	9,810,000
N. D....	11.2	81,592,000	18.2	151,970,000
OHIO....	18.5	36,538,000	20.3	40,194,000
OKLA....	19.0	47,975,000	11.6	38,860,000
ORE....	20.8	16,604,000	22.2	20,025,000
PENN....	18.1	23,747,000	18.5	24,605,000
R. I....				
S. C....	11.5	920,000	10.8	2,430,000
S. D....	9.1	31,566,000	17.1	63,762,000
TENN....	15.5	11,160,000	10.5	9,030,000
TEXAS....	13.0	14,066,000	15.5	25,575,000
UTAH....	25.0	7,275,000	25.7	8,225,000
VT....	29.0	29,000	30.0	30,000
VA....	14.5	11,296,000	13.8	16,974,000
WASH....	23.5	41,840,000	25.7	51,420,000
W. VA....	15.0	2,540,000	15.0	4,500,000
WIS....	19.1	3,511,000	22.7	4,662,000
WYO....	22.9	2,290,000	26.5	3,315,000
U. S....	16.6	891,017,000	17.0	1,025,801,000

BEANS—DRY EDIBLE—1916.

This table shows the acreage and production of dry edible beans in the United States in 1916:

State.	Planted, Acres.	Yield, Per Acre.	Production, Bushels.
ME....	11,000	11.0	121,000
N. H....	3,400	11.0	37,400
VT....	3,000	11.0	33,000
MASS....	550	12.0	6,600
N. Y....	190,000	6.0	1,140,000
N. J....	5,500	8.0	44,000
PENN....	9,000	6.0	54,000
W. A....	15,000	8.0	120,000
OHIO....	1,500	9.0	13,500
IND....	4,000	15.0	60,000
MICH....	470,000	6.6	3,102,000
WIS....	18,000	11.0	198,000
IOWA....	2,500	9.0	22,500
MO....	2,000	6.0	12,000
TENN....	4,500	6.0	27,000
COLO....	38,000	11.2	424,000
N. M....	64,000	6.6	422,000
ARIZ....	5,000	9.5	48,000
WASH....	6,500	1.0	65,000
CALIF....	340,000	16.4	5,576,000
ALL OTHER....	50,000	10.0	500,000
U. S....	1,224,000	9.6	12,029,000

All Wheat—Final Estimate—1917.

According to the final estimate of the Department of Agriculture, issued December, 1917, the final estimate of the 1917 wheat crop is 650,828,000 bushels, grown on 45,941,000 acres, showing an average of 14.2 bushels to the acre.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA....	93,000	10.0	930,000
ARIZ....	33,000	25.0	825,000
ARK....	210,000	16.0	3,360,000
CALIF....	375,000	19.8	7,425,000
COLO....	600,000	22.6	13,536,000
CONN....	000	00.0	000
DEL....	131,000	16.5	2,162,000
FLA....	000	00.0	000
GA....	244,000	8.5	2,074,000
IDA....	685,000	20.2	13,830,000
ILL....	1,600,000	19.0	30,400,000
IND....	1,805,000	18.5	33,392,000
IOWA....	420,000	19.9	8,350,000
KAS....	3,757,000	12.2	45,934,000
KY....	750,000	12.0	9,000,000
LA....	000	00.0	000
ME....	11,000	14.0	154,000
MD....	675,000	17.0	11,475,000
MASS....	000	00.0	000
MICH....	815,000	18.0	15,210,000
MINN....	3,310,000	17.5	57,965,000
MISS....	14,000	15.0	210,000
MO....	1,800,000	15.3	27,540,000
MONT....	1,727,000	10.4	17,963,000
NEB....	997,000	13.8	13,764,000
NEV....	41,000	27.8	1,140,000
N. H....	000	00.0	000
N. J....	89,000	19.0	1,691,000
N. M....	203,000	12.7	2,582,000
N. Y....	430,000	19.5	8,385,000
N. C....	930,000	10.5	9,765,000
N. D....	7,000,000	8.0	56,000,000
OHIO....	1,870,000	22.0	41,140,000
OKLA....	3,100,000	11.5	35,650,000
ORE....	821,000	15.6	12,811,000
PENN....	1,399,000	17.5	24,482,000
R. I....	000	00.0	000
S. C....	175,000	10.5	1,838,000
S. D....	3,716,000	14.0	52,024,000
TENN....	525,000	9.2	4,830,000
TEXAS....	1,350,000	12.0	16,200,000
UTAH....	320,000	17.7	5,650,000
VT....	3,000	20.0	60,000
VA....	1,280,000	14.0	17,920,000
WASH....	1,855,000	15.8	29,218,000
W. VA....	315,000	14.0	4,410,000
WIS....	239,000	22.3	5,327,000
WYO....	198,000	21.2	4,206,000
U. S....	45,941,000	14.2	650,828,000

BEANS—DRY EDIBLE—1917.

The following table represents the December estimate of the crop for 1917. It is the largest acreage and crop on record:

State.	Planted, Acres.	Yield, Per Acre.	Production, Bushels.
ME....	33,000	10.0	330,000
N. H....	10,000	10.0	100,000
VT....	10,000	10.0	100,000
MASS....	4,000	10.0	40,000
N. Y....	210,000	7.5	1,575,000
N. J....	13,000	10.0	130,000
PENN....	8,000	8.0	64,000
W. VA....	18,000	8.0	144,000
OHIO....	7,000	5.0	35,000
IND....	5,000	12.0	60,000
MICH....	639,000	5.5	3,515,000
WIS....	35,000	7.5	262,000
IOWA....	7,000	6.0	42,000
MO....	9,200	10.0	92,000
TENN....	10,000	6.0	60,000
COLO....	193,000	7.6	1,467,000
N. M....	213,000	4.5	958,000
ARIZ....	19,000	8.0	152,000
WASH....	16,000	8.0	128,000
CALIF....	558,000	14.4	8,035,000
ALL OTHER....	100,000	8.5	850,000
U. S....	2,117,200	8.6	18,129,000

It looks as though the wheat crop of 1918 will surpass the billion-bushel mark of 1917.

Four and a quarter per cent. on a government bond is good interest.

The Corn Crop, 1916-17.

The statement herewith gives the yield per acre and the general estimate of corn production for the year 1916 and an early estimate for 1917. It will be interesting to compare the early estimate with the late estimate for 1917 in the next column.

State.	Yield Per Acre.	Production, Bushels, 1916.	Production, Bushels, 1917.
ALA.....	12.5	46,688,000	87,100,000
ARIZ.....	35.0	770,000	974,000
ARK.....	17.7	45,135,000	69,806,000
CALIF.....	32.0	2,048,000	2,552,000
COLO.....	15.5	7,362,000	11,757,000
CONN.....	43.0	2,700,000	3,222,000
DEL.....	34.0	6,970,000	8,086,000
FLA.....	15.0	12,600,000	14,226,000
GA.....	15.5	62,000,000	70,500,000
IDAHO.....	35.0	735,000	673,000
ILL.....	29.5	306,800,000	425,019,000
IND.....	34.0	174,658,000	206,205,000
IOWA.....	36.7	366,835,000	401,616,000
KAS.....	10.0	69,500,000	129,075,000
KY.....	28.0	95,200,000	127,682,000
LA.....	21.0	44,814,000	40,486,000
MAINE.....	43.0	645,000	726,000
MD.....	39.0	27,300,000	30,004,000
MASS.....	42.0	1,764,000	2,466,000
MICH.....	27.5	45,375,000	40,779,000
MINN.....	33.5	84,420,000	72,160,000
MISS.....	14.0	47,600,000	87,251,000
MO.....	19.5	132,112,000	268,614,000
MONT.....	25.0	1,850,000	1,487,000
NEB.....	26.0	192,400,000	259,250,000
NEV.....	34.0	34,000	68,000
N. H.....	46.0	874,000	1,011,000
N. J.....	40.0	10,800,000	11,003,000
N. Y.....	21.0	2,625,000	3,587,000
N. M.....	30.0	16,200,000	21,972,000
N. C.....	18.5	53,650,000	68,368,000
N. D.....	26.5	13,515,000	7,668,000
OHIO.....	31.5	115,762,000	158,637,000
OKLA.....	13.5	53,325,000	39,323,000
OREGON.....	33.5	1,340,000	1,142,000
PENN.....	39.0	56,550,000	62,014,000
R. I.....	31.0	341,000	526,000
S. C.....	15.5	32,008,000	45,890,000
S. D.....	28.5	84,075,000	97,138,000
TENN.....	26.0	84,500,000	114,855,000
TEXAS.....	19.0	131,100,000	79,080,000
UTAH.....	33.0	429,000	541,000
VT.....	13.0	1,935,000	2,190,000
VA.....	28.5	60,990,000	66,270,000
WASH.....	37.0	1,406,000	1,127,000
W. VA.....	30.5	22,112,000	26,229,000
WIS.....	36.0	60,840,000	40,978,000
WYO.....	22.0	550,000	807,000
U. S.....	24.0	2,583,241,000	3,210,795,000

Final Corn Estimate, 1917.

This is the United States government final corn production estimate of 1917. It will be noticed that Illinois produced the largest amount of corn, with Iowa a close second. The largest yield per acre is in Connecticut, but the acreage is small:

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.....	4,825,000	16.0	77,200,000
ARIZ.....	32,000	27.0	864,000
ARK.....	2,800,000	24.0	67,200,000
CALIF.....	75,000	32.0	2,400,000
COLO.....	532,000	20.0	10,640,000
CONN.....	95,000	51.0	4,845,000
DEL.....	230,000	34.0	7,820,000
FLA.....	925,000	15.0	13,875,000
GA.....	4,500,000	16.0	72,000,000
IDA.....	22,000	31.0	682,000
ILL.....	11,000,000	38.0	418,000,000
IND.....	5,651,000	36.0	203,436,000
IOWA.....	11,100,000	37.0	410,700,000
KAS.....	9,156,000	14.0	128,184,000
KY.....	3,900,000	31.0	122,850,000
LA.....	2,347,000	18.0	42,246,000
ME.....	20,000	39.0	780,000
MD.....	720,000	39.0	28,080,000
MASS.....	61,000	46.0	2,806,000
MICH.....	1,750,000	21.5	37,625,000
MINN.....	3,000,000	30.0	90,000,000
MISS.....	4,100,000	20.5	84,050,000
MO.....	7,200,000	35.0	252,000,000
MONT.....	81,000	12.5	1,012,000
NEB.....	9,240,000	27.0	249,480,000
NEV.....	2,000	30.0	60,000
N. H.....	26,000	42.0	1,092,000
N. J.....	297,000	43.0	12,771,000
N. M.....	170,000	20.0	3,400,000
N. Y.....	840,000	31.0	26,040,000
N. C.....	3,000,000	20.0	60,000,000
N. D.....	590,000	9.0	5,310,000
OHIO.....	3,950,000	38.0	150,100,000
OKLA.....	3,900,000	8.5	33,150,000
ORE.....	42,000	30.0	1,260,000
PENN.....	1,575,000	39.5	62,212,000
R. I.....	13,000	42.0	546,000
S. C.....	2,313,000	19.0	43,947,000
S. D.....	3,350,000	29.0	97,150,000
TENN.....	3,900,000	28.5	111,150,000
TEXAS.....	7,075,000	11.0	77,825,000
UTAH.....	20,000	25.0	500,000
VT.....	54,000	47.0	2,538,000
VA.....	2,450,000	29.5	72,275,000
WASH.....	41,000	37.0	1,517,000
W. VA.....	834,000	30.0	25,020,000
WIS.....	1,918,000	22.0	42,196,000
WYO.....	33,000	20.0	660,000
U. S.....	119,755,000	26.4	3,159,494,000

WHAT BECOMES OF THE CORN CROP.

The following represents the United States Department of Agriculture idea of the disposition of the corn crop:

Consumption on Farms.		Per Cent. of Entire
	Bushels.	Crop.
Horses and Mules.....	728,000,000	27.0
Swine.....	724,000,000	26.8
Cattle (other than Milch.)	254,000,000	9.4
Milch Cows.....	231,000,000	8.6
Poultry.....	97,000,000	3.6
Human Beings.....	92,000,000	3.4
Sheep.....	60,000,000	2.2
Seed.....	23,000,000	.8
Other, or doubtful.....	103,000,000	3.8
Total.....	2,312,000,000	85.6
City Disposition.		Per Cent. of Total
	Bushels.	Crop.
Used in Flour Mills.....	245,000,000	9.1
Glucose and Starch.....	40,000,000	1.5
Manufacture of Distilled Liquors.....	21,000,000	.8
Manufacture of Malt Liquors	14,000,000	.5
Used for Feed in Towns.....	120,000,000	4.4
Exported.....	45,000,000	1.7
Balance indefinite.....	28,000,000	1.0
Total.....	513,000,000	19.0

Corn on Farms.

Every year, March 1st, the grain on farms is reported. These figures are valuable, as they are comparative. In March, 1918, figures will be issued.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
PENN.....	21,762,000	21,652,000	16,965,000
VA.....	15,358,000	31,492,000	27,446,000
N. C.....	27,624,000	29,232,000	21,996,000
GA.....	29,120,000	32,475,000	30,380,000
OHIO.....	45,669,000	61,420,000	32,413,000
IND.....	58,794,000	76,380,000	54,144,000
ILL.....	99,011,000	142,272,000	88,972,000
MICH.....	19,530,000	15,680,000	9,075,000
WIS.....	18,863,000	4,899,000	10,343,000
MINN.....	26,390,000	9,016,000	18,572,000
IOWA.....	140,193,000	86,565,000	110,048,000
MO.....	38,016,000	70,948,000	31,707,000
S. D.....	23,400,000	28,275,000	21,019,000
NEB.....	71,320,000	87,330,000	73,112,000
KAS.....	29,221,000	70,540,000	13,205,000
KY.....	34,675,000	44,100,000	36,176,000
TENN.....	32,964,000	42,849,000	32,110,000
ALA.....	26,634,000	33,150,000	17,275,000
MISS.....	25,641,000	32,376,000	15,708,000
LA.....	13,124,000	17,589,000	17,029,000
TEXAS.....	28,704,000	50,055,000	35,397,000
OKLA.....	10,000,000	33,630,000	10,665,000
ARK.....	11,340,000	26,082,000	13,992,000
U. S.....	910,894,000	1,116,559,000	789,416,000

Oats Crop, 1914 and 1915.

The oats memorandum herewith shows the two good years of 1914 and 1915, the latter being the largest oats yield in this country on record and reaching an average of 37.8 per acre. Illinois and Iowa are the great oats-raising states.

State.	1914.		1915.	
	Yield Per Acre, Bushels.	Estimated, Bushels.	Yield Per Acre, Bushels.	Estimated, Bushels.
ALA....	22.0	8,580,000	19.0	11,400,000
ARIZ.	42.0	336,000	37.0	333,000
ARK....	24.0	6,240,000	27.0	10,125,000
CAL.	35.0	7,700,000	33.0	6,963,000
COLO.	40.0	13,000,000	39.0	11,700,000
CONN.	29.0	319,000	32.5	422,000
DEL....	27.0	108,000	33.5	134,000
FLA.	18.0	900,000	20.0	1,220,000
GA....	20.0	9,000,000	19.5	17,648,000
IDA....	44.0	14,608,000	47.0	15,745,000
ILL....	29.3	125,990,000	45.0	195,435,000
IND....	28.5	44,888,000	40.0	65,520,000
IOWA	33.0	165,000,000	40.0	198,000,000
KAS....	33.5	58,960,000	26.5	39,750,000
KY....	21.0	3,675,000	26.0	6,500,000
LA....	23.0	1,610,000	25.0	3,000,000
ME....	41.0	5,781,000	40.0	7,000,000
MD....	27.0	1,161,000	34.0	1,530,000
MASS.	37.0	333,000	36.0	432,000
MICH.	33.5	50,752,000	42.0	64,260,000
MINN.	28.0	85,120,000	43.0	138,675,000
MISS.	23.0	3,680,000	21.5	6,450,000
MO....	21.5	25,800,000	26.0	31,850,000
MONT.	35.0	18,550,000	52.0	31,200,000
NEB....	32.0	69,600,000	32.0	70,400,000
NEV.	52.0	676,000	45.0	585,000
N. H....	38.0	456,000	38.0	456,000
N. J....	29.0	1,943,000	32.5	2,275,000
N. M....	38.0	1,976,000	36.0	2,160,000
N. Y....	31.5	40,162,000	40.5	54,270,000
N. C....	17.5	4,375,000	23.0	8,050,000
N. D....	28.0	61,904,000	40.0	98,000,000
OHIO.	30.5	50,325,000	41.0	69,003,000
OKLA.	27.5	30,250,000	27.0	36,450,000
ORE....	35.0	12,740,000	44.0	16,060,000
PENN.	30.0	32,190,000	38.0	43,320,000
R. I....	27.5	55,000	33.0	66,000
S. C....	20.0	7,500,000	19.0	9,975,000
S. D....	27.5	44,165,000	42.0	72,450,000
TENN.	23.0	8,050,000	24.5	8,746,000
TEX.	25.0	22,500,000	35.5	53,250,000
UTAH	50.0	4,750,000	47.0	4,700,000
VT....	42.5	3,358,000	43.0	3,483,000
VA....	15.5	2,960,000	25.0	5,625,000
WASH	47.0	13,959,000	50.0	13,750,000
W.VA.	20.0	2,100,000	29.0	3,480,000
WIS....	27.0	62,100,000	46.5	97,650,000
WYO....	35.0	7,875,000	42.0	9,534,000
U. S....	29.7	1,141,060,000	37.8	1,549,030,000

Tobacco Crop, 1915 and 1916.

State.	1915.		1916.	
	Yield Per Acre, Pounds.	Pro-duction, Pounds.	Yield Per Acre, Pounds.	Pro-duction, Pounds.
ALA....	500	100,000	300	60,000
ARK....	600	300,000	500	250,000
CONN.	1,350	29,970,000	1,630	36,186,000
GA....	910	3,549,000	1,210	3,025,000
FLA....	880	1,496,000	1,180	1,584,000
ILL....	850	595,000	750	525,000
IND....	840	11,340,000	930	13,764,000
KY....	810	356,400,000	900	435,600,000
LA....	420	126,000	450	90,000
MD....	740	1,628,000	110	19,635,000
MASS....	1,100	9,680,000	1,660	12,118,000
MO....	900	3,150,000	950	3,040,000
N. H....	1,400	140,000	1,650	165,000
N. Y....	1,200	5,280,000	1,230	4,551,000
N. C....	620	198,400,000	550	176,000,000
OHIO....	900	84,330,000	950	95,000,000
PENN....	1,350	42,390,000	1,360	49,096,000
S. C....	580	37,700,000	520	20,280,000
TENN....	750	69,675,000	800	81,760,000
TEXAS....	500	100,000	700	140,000
VT....	1,300	130,000	1,600	160,000
VA....	750	144,375,000	680	129,200,000
W. VA....	870	9,831,000	900	12,690,000
WIS....	900	36,900,000	1,270	55,753,000
Total.	7,751	1,062,337,000	8,150	1,150,622,000

Oats Crop—Final, 1917.

The oats crop of 1917 was estimated in December to be the largest ever grown. The state of Iowa produced the largest number of bushels; the state of Illinois raised a few bushels less than Iowa. Illinois produced an average of fifty-two bushels to the acre, against forty-seven bushels an acre in Iowa:

State.	Yield		Production, Bushels.
	Planted Acres.	Per Acre.	
ALA.....	540,000	18.0	9,720,000
ARIZ.....	10,000	40.0	400,000
ARK.....	340,000	28.0	9,520,000
CALIF.....	196,000	35.0	6,860,000
COLO.....	293,000	38.0	11,134,000
CONN.....	20,000	33.0	660,000
DEL.....	4,000	32.0	128,000
FLA.....	55,000	14.0	770,000
GA.....	650,000	16.0	10,400,000
IDA.....	275,000	38.0	10,450,000
ILL.....	4,700,000	52.0	244,400,000
IND.....	1,820,000	42.0	76,440,000
IOWA....	5,250,000	47.0	246,750,000
KAS.....	2,284,000	31.0	70,804,000
KY.....	310,000	26.0	8,060,000
LA.....	84,000	22.3	1,873,000
ME.....	170,000	29.0	4,930,000
MD.....	47,000	34.0	1,457,000
MASS.....	12,000	37.0	444,000
MICH.....	1,550,000	36.5	56,575,000
MINN.....	3,250,000	37.0	120,250,000
MISS.....	300,000	19.0	5,700,000
MO.....	1,480,000	40.0	59,200,000
MONT.....	680,000	20.0	13,600,000
NEB.....	3,038,000	38.0	115,444,000
NEV.....	14,000	40.0	560,000
N. H.....	14,000	38.0	532,000
N. J.....	73,000	34.0	2,482,000
N. M.....	45,000	30.0	1,350,000
N. Y.....	1,275,000	35.0	44,625,000
N. C.....	340,000	17.0	5,780,000
N. D.....	2,575,000	15.0	38,625,000
OHIO....	1,775,000	44.0	78,100,000
OKLA....	1,150,000	23.0	26,450,000
ORE.....	365,000	25.0	9,125,000
PENN....	1,175,000	35.0	41,125,000
R. I.....	2,000	31.0	62,000
S. C.....	400,000	15.0	6,000,000
S. D.....	1,925,000	34.0	65,450,000
TENN....	300,000	24.0	7,350,000
TEXAS....	1,425,000	26.0	37,050,000
UTAH....	100,000	44.0	4,400,000
VT.....	88,000	36.0	3,168,000
VA.....	225,000	24.5	5,512,000
WASH....	292,000	38.5	11,242,000
W. VA....	143,000	27.0	3,861,000
WIS....	2,250,000	44.0	99,000,000
WYO....	263,000	36.0	9,468,000
U. S.....	43,572,000	36.4	1,587,286,000

Tobacco Crop—1917.

State.	Yield		Production, Pounds.
	Planted Acres.	Per Acre.	
ALA.....	200	730	146,000
ARK.....	300	700	210,000
CONN....	21,000	1,400	29,540,000
FLA.....	3,100	1,100	3,410,000
GA.....	1,600	1,000	1,600,000
ILL.....	700	800	560,000
IND.....	14,800	950	14,060,000
KY.....	474,000	900	426,600,000
MD.....	28,600	790	22,594,000
LA.....	600	350	210,000
MASS....	8,400	1,409	11,833,000
MO.....	3,000	940	2,820,000
N. H.....	100	1,670	167,000
N. Y....	2,500	1,250	3,125,000
N. C....	325,000	630	204,750,000
OHIO....	103,200	960	99,072,000
PENN....	41,500	1,400	58,100,000
S. C....	72,000	710	51,120,000
TENN....	101,000	810	81,810,000
TEXAS....	200	670	134,000
VT.....	100	1,650	165,000
VA.....	185,000	700	129,500,000
W. VA....	11,300	800	9,040,000
W. VA....	11,300	800	9,040,000
U. S.....	1,446,000	827	1,196,451,000

Tame Hay—1917.

The production of tame hay in 1917 occupied 53,516,000 acres, and averaging 1.49 tons per acre the production was 79,528,000 tons, against 91,192,000 tons in the year 1916 and 85,920,000 tons in the year 1915.

State.	Acres.	Yield Per Acre.	Production, Tons.
ALA.....	1,448,000	.80	1,158,000
ARIZ.....	157,000	3.50	550,000
ARK.....	390,000	1.47	573,000
CALIF.....	2,400,000	1.90	4,560,000
COLO.....	970,000	2.45	2,376,000
CONN.....	350,000	1.50	525,000
DEL.....	78,000	1.26	98,000
FLA.....	100,000	1.10	110,000
GA.....	535,000	1.05	562,000
IDA.....	725,000	3.00	2,175,000
ILL.....	2,750,000	1.25	3,438,000
IND.....	2,146,000	1.40	3,004,000
IOWA.....	3,160,000	1.23	3,887,000
KAS.....	1,478,000	1.50	2,217,000
KY.....	975,000	1.30	1,268,000
LA.....	260,000	1.60	416,000
ME.....	1,160,000	1.35	1,566,000
MD.....	442,000	1.25	552,000
MASS.....	460,000	1.50	690,000
MICH.....	2,558,000	1.50	3,837,000
MINN.....	1,850,000	1.55	2,868,000
MISS.....	261,000	1.42	371,000
MO.....	3,180,000	1.15	3,657,000
MONT.....	759,000	1.40	1,063,000
NEB.....	1,590,000	1.60	2,544,000
NEV.....	234,000	2.99	679,000
N. H.....	506,000	1.35	683,000
N. J.....	359,000	1.45	508,000
N. M.....	202,000	1.90	384,000
N. Y.....	4,185,000	1.46	6,110,000
N. C.....	440,000	1.20	528,000
N. D.....	550,000	.88	484,000
OHIO.....	2,925,000	1.42	4,154,000
OKLA.....	575,000	1.60	920,000
ORE.....	840,000	1.95	1,638,000
PENN.....	3,092,000	1.40	4,329,000
R. I.....	60,000	1.50	90,000
S. C.....	250,000	1.12	280,000
S. D.....	735,000	1.50	1,102,000
TENN.....	892,000	1.28	1,142,000
TEXAS.....	450,000	1.00	450,000
UTAH.....	392,000	2.90	1,137,000
VT.....	945,000	1.62	1,531,000
VA.....	850,000	1.16	986,000
WASH.....	808,000	2.20	1,778,000
W. VA.....	790,000	1.27	1,003,000
WIS.....	2,703,000	1.70	4,595,000
WYO.....	560,000	1.70	952,000
U. S.....	53,516,000	1.49	79,528,000

Wild and Total Hay—1917.

The grains cut green belong to the tame-hay class. This table is for the wild hay crop of 1917 and the total of all hay produced in 1917.

State.	Grains Cut Green, Tons.	Wild Hay, Tons.	Total Hay, Tons.
ALA.....	166,000	37,000	1,195,000
ARIZ.....	12,000	18,000	568,000
ARK.....	46,000	99,000	672,000
CALIF.....	1,714,000	259,000	4,819,000
COLO.....	125,000	469,000	2,836,000
CONN.....	31,000	15,000	540,000
DEL.....	4,000	11,000	109,000
FLA.....	3,000	8,000	118,000
GA.....	82,000	14,000	576,000
IDA.....	291,000	162,000	2,337,000
ILL.....	28,000	104,000	3,542,000
IND.....	58,000	88,000	3,092,000
IOWA.....	62,000	738,000	4,625,000
KAS.....	152,000	1,044,000	3,261,000
KY.....	35,000	8,000	1,276,000
LA.....	142,000	39,000	455,000
ME.....	48,000	21,000	1,587,000
MD.....	17,000	6,000	558,000
MASS.....	27,000	24,000	714,000
MICH.....	27,000	45,000	3,882,000
MINN.....	87,000	235,000	5,224,000
MISS.....	36,000	49,000	1,200,000
MO.....	64,000	139,000	3,796,000
MONT.....	77,000	402,000	1,465,000
NEB.....	150,000	2,611,000	5,155,000
NEV.....	31,000	270,000	949,000
N. H.....	38,000	21,000	704,000
N. J.....	9,000	44,000	552,000
N. M.....	47,000	28,000	412,000
N. Y.....	43,000	88,000	6,198,000
N. C.....	65,000	43,000	571,000
N. D.....	108,000	1,417,000	1,901,000
OHIO.....	25,000	3,000	4,157,000
OKLA.....	209,000	450,000	1,370,000
ORE.....	595,000	218,000	1,856,000
PENN.....	35,000	15,000	4,344,000
R. I.....	6,000	1,000	91,000
S. C.....	34,000	10,000	290,000
S. D.....	430,000	2,925,000	4,027,000
TENN.....	750,000	31,000	1,173,000
TEXAS.....	1,160,000	164,000	614,000
UTAH.....	20,000	119,000	1,256,000
VT.....	8,000	10,000	1,544,000
VA.....	77,000	136,000	996,000
WASH.....	498,000	41,000	1,819,000
W. VA.....	19,000	7,000	1,010,000
WIS.....	65,000	427,000	5,022,000
WYO.....	29,000	300,000	1,252,000
WYO.....	29,000	300,000	1,252,000
U. S.....	5,677,000	15,402,000	94,930,000

WHEAT HELD BY COUNTRY MILLS.

In the year 1913, on March 1st, the wheat held in country mills and elevators was 118,400,000 bushels; in 1914, on same date, the amount so held was 93,627,000 bushels; 85,955,000 bushels in 1915; 155,027,000 bushels in 1916; and 89,173,000 bushels on March 1, 1917. The following table is the United States Agricultural Department report for three years:

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
N. Y.....	972,000	1,306,000	672,000
PENN.....	3,800,000	3,937,000	4,180,000
MD.....	1,184,000	2,568,000	1,040,000
VA.....	1,581,000	2,546,000	2,438,000
OHIO.....	4,019,000	4,421,000	2,592,000
IND.....	5,189,000	5,925,000	1,944,000
ILL.....	3,700,000	4,788,000	1,510,000
MICH.....	2,078,000	3,067,000	1,594,000
WIS.....	351,000	839,000	365,000
MINN.....	4,205,000	9,925,000	4,226,000
IOWA.....	1,205,000	2,278,000	1,006,000
MO.....	5,200,000	5,457,000	1,989,000
N. D.....	6,527,000	22,796,000	5,112,000
S. D.....	4,104,000	8,927,000	2,482,000
NEB.....	4,087,000	9,232,000	8,912,000
KAS.....	8,860,000	9,588,000	6,859,000
KY.....	2,633,000	2,277,000	1,202,000
TENN.....	1,562,000	1,354,000	631,000
TEXAS.....	1,969,000	2,813,000	1,452,000
OKLA.....	4,798,000	4,663,000	2,663,000
MONT.....	1,285,000	8,014,000	6,018,000
WASH.....	6,694,000	15,940,000	10,161,000
All Other..	9,859,000	22,369,000	20,125,000
U. S.....	85,955,000	155,027,000	89,173,000

ADDITIONAL TABLE.

This table, also of wheat held in country mills on March 1st of 1913, 1914 and 1918, with table above covers six years:

State.	1913. Bushels.	1914. Bushels.	1918. Bushels.
N. Y.....	536,000	612,000	587,000
PENN.....	3,571,000	3,935,000	3,183,000
MD.....	898,000	1,136,000	803,000
VA.....	1,547,000	1,591,000	2,509,000
OHIO.....	1,464,000	4,212,000	3,703,000
IND.....	1,210,000	4,773,000	2,337,000
ILL.....	982,000	3,770,000	2,128,000
MICH.....	980,000	1,789,000	1,217,000
WIS.....	463,000	476,000	852,000
MINN.....	10,726,000	8,845,000	6,956,000
IOWA.....	1,928,000	1,312,000	668,000
MO.....	4,275,000	5,542,000	2,479,000
N. D.....	24,449,000	8,674,000	6,160,000
S. D.....	8,350,000	5,096,000	5,202,000
NEB.....	4,955,000	5,609,000	826,000
KAS.....	8,006,000	6,899,000	2,227,000
KY.....	1,666,000	1,972,000	720,000
TENN.....	920,000	1,428,000	386,000
TEXAS.....	1,764,000	2,048,000	486,000
OKLA.....	3,215,000	1,575,000	1,070,000
MONT.....	.....	2,274,000	2,874,000
WASH.....	16,118,000	9,594,000	5,844,000
All Other..	20,577,000	11,275,000	15,685,000
U. S.....	118,400,000	93,627,000	68,972,000

In the year 1522 rice culture was reported to be successful in Lombardy, Northern Italy.

Potato Crop, 1914 and 1915.

For the purpose of comparison, we publish the potato crop of 1914 and 1915 with the yield per acre in each state. It will be noticed that New York state in 1914 had a yield of 53,000,000 bushels.

State.	1914.		1915.	
	Yield Per Bushel.	Production in Bushels.	Yield Per Acre.	Production in Bushels.
ALA....	79	1,422,000	80	1,600,000
ARIZ... 110		110,000	95	95,000
ARK....	60	1,500,000	90	2,520,000
CALIF. 138		10,350,000	130	10,140,000
COLO.. 129		6,000,000	135	7,155,000
CONN.. 140		3,360,000	95	2,280,000
DEL....	80	880,000	95	1,045,000
FLA....	80	1,040,000	80	960,000
GA.....	60	780,000	65	1,040,000
IDAHO 155		5,270,000	125	3,590,000
ILL....	60	7,440,000	110	13,860,000
IND....	80	6,000,000	95	7,125,000
IOWA.. 86		12,642,000	105	15,540,000
KAS....	62	4,464,000	83	5,893,000
KY.....	45	2,250,000	126	6,426,000
LA.....	70	1,680,000	51	1,428,000
MAINE. 260		40,560,000	155	22,010,000
MD.....	78	3,452,000	97	4,268,000
MASS.. 135		4,185,000	120	3,120,000
MICH.. 121		44,044,000	59	20,950,000
MINN.. 114		30,780,000	106	30,210,000
MISS... 80		900,000	90	1,170,000
MO....	45	3,915,000	98	8,820,000
MONT. 140		5,180,000	155	6,045,000
NEB....	80	9,440,000	105	11,550,000
NEV....	130	1,560,000	172	2,236,000
N. H.... 159		2,703,000	95	1,520,000
N. J.... 108		9,936,000	130	12,090,000
N. M.... 100		900,000	100	800,000
N. Y.... 145		53,215,000	62	22,010,000
N. C.... 52		1,706,000	90	3,150,000
N. D.... 109		7,630,000	90	7,200,000
OHIO.. 95		14,250,000	82	12,546,000
OKLA.. 70		2,240,000	85	2,975,000
ORE....	97	4,753,000	115	5,520,000
PENN.. 105		28,140,000	72	20,160,000
R. I.... 165		825,000	110	550,000
S. C.... 70		779,000	80	880,000
S. D.... 90		5,670,000	115	7,280,000
TENN.. 43		1,505,000	88	3,168,000
TEXAS. 61		2,684,000	65	2,730,000
UTAH.. 140		2,800,000	125	2,500,000
VT....	168	4,200,000	108	2,592,000
VA.....	65	7,280,000	125	17,500,000
WASH. 128		7,552,000	135	8,235,000
W. VA. 54		2,592,000	117	5,850,000
WIS.... 124		37,696,000	87	25,926,000
WYO.... 108		1,620,000	150	2,400,000
Total..	110.5	409,921,000	95.5	359,103,000

The farm price for beef cattle, March 15th, was \$8.85 per 100 pounds, against \$5.29 per 100 pounds, the five-year average before the war.

SUGAR BEET CROP.

The following is a simple statement of the United States production of sugar beets, the acreage harvested, the quantity worked and the farm price per acre:

The farm price per acre:		Farm Price
State and Year.	Area Harvested, Acres.	Per Ton, Dollars.
CALIFORNIA:		
1915.....	122,737	1,249,111 5.86
1916.....	141,097	1,462,895 6.30
1917.....	154,700	1,318,000 7.52
COLORADO:		
1915.....	171,222	1,888,860 5.88
1916.....	188,568	1,933,591 6.06
1917.....	162,000	1,853,200 7.24
IDAHO:		
1915.....	35,068	339,859 5.08
1916.....	42,135	331,478 6.16
1917.....	38,600	329,800 7.00
MICHIGAN:		
1915.....	122,000	997,972 5.91
1916.....	99,619	502,705 6.14
1917.....	86,000	596,500 8.00

White Potatoes—1917.

The crop of white potatoes in 1917 exceeded previous records and came at the right time. New York is the banner potato state, so far as quantity grown is concerned, but the average quantity per acre belongs to Nevada, where the actual acreage is small.

State.	Yield		Production, Bushels.
	Planted Acres.	Per Acre.	
ALA....	41,000	72.0	2,952,000
ARIZ.....	4,000	105.0	420,000
ARK.....	30,000	80.0	2,400,000
CALIF.....	105,000	145.0	15,525,000
COLO.....	70,000	133.0	9,310,000
CONN.....	29,000	110.0	3,190,000
DEL.....	13,000	95.0	1,235,000
FLA.....	25,000	91.0	2,275,000
GA.....	19,000	84.0	1,596,000
IDA.....	39,000	156.0	6,084,000
ILL.....	150,000	90.0	13,500,000
IND.....	92,000	92.0	8,464,000
IOWA.....	138,000	95.0	13,110,000
KAS.....	78,000	57.0	4,446,000
KY.....	70,000	96.0	6,720,000
LA.....	25,000	64.0	1,600,000
ME.....	150,000	135.0	20,250,000
MD.....	60,000	100.0	6,000,000
MASS.....	38,000	115.0	4,370,000
MICH.....	378,000	95.0	35,910,000
MINN.....	300,000	112.0	33,600,000
MISS.....	14,000	78.0	1,092,000
MO.....	109,000	87.0	9,483,000
MONT.....	57,000	95.0	5,415,000
NEB.....	147,000	85.0	12,495,000
NEV.....	15,000	207.0	3,105,000
N. H.....	21,000	107.0	2,247,000
N. J.....	98,000	114.0	11,172,000
N. M.....	11,000	116.0	1,276,000
N. Y.....	400,000	95.0	38,000,000
N. C.....	50,000	90.0	4,500,000
N. D.....	90,000	43.0	3,870,000
OHIO.....	160,000	100.0	16,000,000
OKLA.....	36,000	69.0	2,484,000
ORE.....	75,000	108.0	8,100,000
PENN.....	321,000	92.0	29,532,000
R. I.....	5,000	135.0	675,000
S. C.....	15,000	96.0	1,440,000
S. D.....	80,000	90.0	7,200,000
TENN.....	52,000	94.0	4,888,000
TEXAS.....	46,000	60.0	2,760,000
UTAH.....	23,000	189.0	4,347,000
VT.....	30,000	100.0	3,000,000
VA.....	200,000	90.0	19,800,000
WASH.....	79,000	125.0	9,875,000
W. VA.....	65,000	115.0	7,475,000
WIS.....	307,000	114.0	34,998,000
WYO.....	30,000	155.0	4,650,000
U. S.....	4,390,000	100.8	442,536,000

OHIO:			
1915.....	25,684	279,427	5.29
1916.....	24,767	137,696	6.83
1917.....	26,100	212,300	7.27
UTAH:			
1915.....	56,226	629,204	4.91
1916.....	68,211	708,237	5.73
1917.....	81,300	776,400	7.00
OTHER STATES:			
1915.....	78,364	765,860	5.67
1916.....	100,911	843,071	6.18
1917.....	126,700	1,120,500	7.28
UNITED STATES:			
1912.....	555,300	5,224,377	5.82
1913.....	580,006	5,659,462	5.69
1914.....	483,400	5,288,500	5.45
1915.....	611,301	6,150,293	5.67
1916.....	665,308	5,919,673	6.12
1917.....	675,400	6,237,100	7.34

The April farm price for wheat is \$2.02.6 per bushel, against 88.8 cents, the five-year average before the war.

The farm price for rye is \$2.35.1 per bushel, against 72.6 cents a bushel, the five-year average before the war.

The Barley Crop, 1914 and 1915.

The barley crop is an important one and reached a maximum of 237,000,000 bushels in 1917. California, Minnesota, North Dakota, South Dakota and Wisconsin are strong barley states.

State.	1914.		1915.	
	Yield Per Acre.	Production in Bushels.	Yield Per Acre.	Production in Bushels.
Ariz.	36.0	1,260,000	37.0	1,295,000
Calif.	29.0	42,060,000	29.0	39,440,000
Colo.	38.5	3,966,000	36.0	4,680,000
Idaho.	38.0	7,030,000	40.5	7,736,000
Ill.	29.5	1,622,000	34.0	1,836,000
Ind.	25.0	200,000	28.0	224,000
Iowa.	26.0	9,360,000	31.0	10,943,000
Kas.	24.5	5,880,000	31.0	8,370,000
Ky.	28.5	142,000	30.0	180,000
Maine.	30.0	150,000	26.5	132,000
Md.	33.0	165,000	34.0	170,000
Mich.	26.0	2,340,000	29.5	2,508,000
Minn.	23.0	31,694,000	30.5	41,175,000
Mo.	24.0	120,000	25.0	125,000
Mont.	30.5	2,135,000	34.0	2,720,000
Neb.	23.5	2,656,000	31.0	3,255,000
Nev.	47.0	611,000	48.0	576,000
N. H.	32.0	32,000	30.0	30,000
N. M.	34.0	170,000	33.0	264,000
N. Y.	28.0	2,100,000	32.0	2,720,000
N. D.	19.5	28,275,000	32.0	44,800,000
Ohio.	25.0	875,000	31.0	930,000
Okl.	25.0	175,000	26.5	212,000
Ore.	36.0	3,660,000	36.0	4,680,000
Penn.	28.0	196,000	29.5	236,000
S. D.	23.0	19,950,000	32.0	24,000,000
Tenn.	27.0	135,000	24.0	144,000
Texas.	25.0	200,000	28.0	252,000
Utah.	45.0	1,440,000	42.5	1,445,000
Vt.	34.5	414,000	35.0	420,000
Va.	26.0	280,000	29.0	340,000
Wash.	39.0	7,098,000	41.0	7,263,000
Wis.	27.3	18,428,000	35.5	23,288,000
Wyo.	33.0	528,000	36.0	612,000
U. S.	25.8	194,953,000	32.0	237,009,000

Barley in 1916.

In the year 1916 the barley crop produced in the United States was reduced 57,000,000 bushels, compared with the previous year, the yield per acre being 23.6, against 32 the previous year.

State.	1916.		Price Value	
	Yield Per Acre.	Production in Bushels.	Per Bushel.	Per Acre.
ARIZ.	35.0	1,120,000	\$1.08	\$37.80
CALIF.	28.0	33,320,000	.95	26.60
COLO.	32.0	5,120,000	.82	26.24
IDAHO.	39.0	7,410,000	.82	31.98
ILL.	32.0	1,920,000	1.03	32.96
IND.	27.0	405,000	.75	20.25
IOWA.	29.5	8,702,000	.91	26.84
KAS.	16.0	4,800,000	.77	12.32
KY.	26.0	156,000	.90	23.40
MAINE.	26.0	156,000	1.04	27.04
MD.	32.0	192,000	.73	23.36
MICH.	24.5	2,450,000	.91	22.30
MINN.	19.0	26,125,000	.87	16.53
MO.	20.0	100,000	.93	18.60
MONT.	28.0	2,660,000	.76	21.28
NEB.	28.0	3,080,000	.75	21.00
NEV.	4.10	432,000	.95	38.95
N. H.	2.80	28,000	.90	25.20
N. M.	23.3	308,000	1.00	28.00
N. Y.	23.3	1,887,000	1.01	23.53
N. D.	15.5	26,738,000	1.00	12.40
OHIO.	27.8	917,000	.80	22.24
OKLA.	12.5	100,000	1.00	12.50
OREGON.	38.5	5,390,000	.80	30.80
PENN.	25.0	300,000	.75	18.75
S. D.	22.7	18,728,000	.83	18.84
TENN.	23.7	237,000	1.00	23.70
TEXAS.	17.0	163,000	.80	13.60
UTAH.	36.0	1,224,000	.76	27.36
VT.	27.5	412,000	1.00	27.50
VA.	27.5	358,000	.85	23.38
WASH.	41.3	6,814,000	.84	34.69
WIS.	30.0	18,300,000	1.05	31.50
WYO.	33.0	825,000	.87	28.71
Total.	23.6	180,927,000	\$0.88	\$20.79

Increased production wins the war.

This tabulated statement shows the final barley crop of 1917, as estimated in December by the United States Department of Agriculture.

Barley Crop—Final, 1917.

State.	Yield		Production.
	Planted Acres.	Per Acre.	
ALA.	600	00.00	600
ARIZ.	33,000	35.00	1,155,000
ARK.	000	00.00	000
CALIF.	1,350,000	29.00	39,150,000
COLO.	168,000	33.00	5,544,000
CONN.	000	00.00	000
DEL.	000	00.00	000
FLA.	000	00.00	000
GA.	000	00.00	000
IDA.	190,000	29.00	5,510,000
ILL.	66,000	37.50	2,475,000
IND.	22,000	30.50	671,000
IOWA.	300,000	35.00	10,500,000
KAS.	750,000	10.00	7,500,000
KY.	5,000	28.00	140,000
LA.	000	00.00	000
ME.	7,000	21.00	147,000
MD.	6,000	26.00	156,000
MASS.	000	00.00	000
MICH.	130,000	26.50	3,445,000
MINN.	1,400,000	27.00	37,800,000
MISS.	000	00.00	000
MO.	6,000	25.00	150,000
MONT.	90,000	26.50	1,350,000
NEB.	213,000	26.50	5,644,000
NEV.	12,000	35.00	420,000
N. H.	1,000	31.00	31,000
N. J.	000	00.00	000
N. M.	13,000	28.00	364,000
N. Y.	110,000	28.00	3,080,000
N. C.	000	00.00	000
N. D.	1,825,000	12.50	22,812,000
OHIO.	40,000	33.00	1,320,000
OKLA.	9,000	18.00	162,000
ORE.	182,000	29.00	5,278,000
PENN.	13,000	28.00	364,000
R. I.	000	00.00	000
S. C.	000	00.00	000
N. D.	1,825,000	12.50	22,812,000
TENN.	6,000	20.00	120,000
TEXAS.	9,000	20.00	180,000
UTAH.	33,000	37.00	1,221,000
VT.	17,000	29.00	493,000
VA.	12,000	30.00	360,000
WASH.	170,000	29.00	4,930,000
W. VA.	000	00.00	000
WIS.	600,000	32.00	19,200,000
WYO.	27,000	29.00	783,000
U. S.	8,835,000	23.7	208,975,000

BARLEY ON FARMS, MARCH 1, 1918.

State.	Per Cent.	
	Shipped Out, Bushels.	On Farms, Cent. of Crop.
ARIZ.	231,000	81,000 7
CALIF.	17,618,000	4,698,000 12
COLO.	942,000	1,497,000 27
IDAHO.	3,030,000	937,000 17
ILL.	124,000	693,000 28
IND.	134,000	168,000 25
IOWA.	5,250,000	2,730,000 26
KAS.	450,000	1,125,000 15
KY.	14,000	21,000 15
MAINE.	1,000	37,000 25
MD.	8,000	23,000 15
MICH.	310,000	586,000 17
MINN.	19,278,000	8,316,000 22
MONT.	162,000	216,000 16
MO.	15,000	30,000 20
NEB.	1,693,000	1,919,000 34
NEV.	13,000	101,000 24
N. H.	1,000	9,000 30
N. M.	15,000	73,000 20
N. Y.	308,000	832,000 27
N. D.	7,528,000	5,019,000 22
OHIO.	343,000	370,000 28
OKLA.	2,000	6,000 4
OREGON.	1,478,000	1,008,000 19
PENN.	4,000	55,000 15
S. D.	13,260,000	6,365,000 24
TENN.	7,000	7,000 6
TEXAS.	2,000	4,000 2
UTAH.	122,000	317,000 26
VT.	5,000	197,000 40
VA.	4,000	36,000 50
WASH.	2,218,000	937,000 19
WIS.	6,528,000	4,800,000 25
WYO.	31,000	196,000 25
U. S.	81,129,000	43,404,000 21

The Rye Crop, 1914 and 1915.

Here the statement gives the rye crop for the ordinary year 1914 and to the then record-making crop of 1915. Rye is a crop which goes into consumption as bread, and every pound of it counts in food economy.

State.	1914.		1915.	
	Per Acre.	Yield in Bushels.	Per Acre.	Yield in Bushels.
Ala.	13.0	26,000	10.0	40,000
Ark.	10.5	10,000	10.5	10,000
Calif.	17.0	136,000	14.0	112,000
Colo.	17.5	368,000	17.5	525,000
Conn.	19.0	133,000	21.5	150,000
Del.	15.5	18,000	15.5	16,000
Ga.	9.3	121,000	9.2	120,000
Idaho.	20.0	60,000	20.0	60,000
Ill.	16.0	784,000	18.5	906,000
Ind.	16.3	1,614,000	16.0	2,400,000
Iowa.	19.0	1,121,000	18.5	1,110,000
Kas.	20.0	1,000,000	16.0	800,000
Ky.	13.7	301,000	12.0	288,000
Md.	17.0	425,000	16.5	396,000
Mass.	19.0	57,000	20.0	60,000
Mich.	16.0	5,936,000	15.5	6,045,000
Minn.	18.8	5,245,000	19.5	5,850,000
Mo.	14.0	238,000	13.5	338,000
Mont.	21.0	210,000	22.5	225,000
Neb.	16.0	1,952,000	17.5	3,500,000
N. J.	18.5	1,295,000	20.0	1,420,000
N. Y.	17.7	2,283,000	18.7	2,805,000
N. C.	10.0	460,000	11.5	575,000
N. D.	17.1	2,240,000	15.0	2,700,000
Ohio.	17.0	1,615,000	17.5	1,750,000
Okla.	16.0	96,000	13.5	414,000
Ore.	16.0	336,000	18.0	4,932,000
Penn.	18.0	5,040,000	18.0	30,000
S. C.	11.5	34,000	10.0	3,900,000
S. D.	17.0	1,020,000	19.5	189,000
Tenn.	13.0	286,000	10.5	34,000
Texas.	14.8	30,000	17.0	202,000
Utah.	17.5	228,000	15.5	17,000
Vt.	20.0	20,000	17.0	1,015,000
Wa.	13.0	754,000	14.5	146,000
Wash.	19.7	158,000	18.2	224,000
W. Va.	14.5	246,000	14.0	7,720,000
Wis.	16.5	6,798,000	18.5	180,000
Wyo.	17.0	85,000	20.0	
U. S.	16.8	42,779,000	17.2	49,190,000

WORLD'S POTATO CROP.

During the five-year period, 1909-1913, the world's potato crop averaged about 5,471,000,000 bushels annually, ranging between 4,842,000,000 bushels in 1911 and 5,873,000,000 bushels in 1912. Of the average yearly production during this period, a total of 2,692,000,000 bushels, or 49 per cent., was furnished by the ten countries named below. In 1917, these ten countries produced 2,734,156,000 bushels of potatoes, or 50 per cent. of the average annual production during 1909-1913. Detailed figures for these countries for 1917, with comparative figures for 1916 and 1915, are shown in the following table:

	1915.	1916.	1917.
	Bushels.	Bushels.	Bushels.
UNITED STATES.			
	359,721,000	286,953,000	442,536,000
		CANADA.	
	62,604,000	63,297,000	79,892,000
UNITED KINGDOM.			
	281,502,000	204,172,000	321,165,000
		ITALY.	
	56,768,000	54,277,000	55,115,000
		JAPAN.	
	35,103,000	39,006,000	36,923,000
		NETHERLANDS.	
	126,741,000	88,490,000	89,858,000
		NORWAY.	
	19,957,000	29,189,000	27,733,000
		SWEDEN.	
	78,806,000	54,972,000	64,558,000
		SWITZERLAND.	
	38,672,000	18,000,000	36,376,000
		GERMANY.	
	1,984,140,000	882,000,000	1,580,000,000
	3,044,014,000	1,720,356,000	2,734,156,000

The Rye Crop—1917.

The rye crop of 1917 was the largest on record and amounted to 60,145,000 bushels, against 48,862,000 bushels in 1916, and 64,050,000 bushels in 1915. The largest 1917 yield was in North Dakota, and the largest yield per acre in Connecticut.

State.	Yield		Production.
	Planted Acres.	Per Acre.	
ALA.	4,000	9.5	38,000
ARIZ.	000	00.0	000
ARK.	2,000	13.5	27,000
CALIF.	000	00.0	000
COLO.	27,000	16.0	432,000
CONN.	7,000	20.5	144,000
DEL.	1,000	16.0	16,000
FLA.	000	00.0	000
Ga.	15,000	8.5	128,000
IDA.	2,000	15.5	31,000
ILL.	43,000	17.5	752,000
IND.	200,000	15.0	3,000,000
IOWA.	50,000	18.0	900,000
KAS.	76,000	15.0	1,140,000
KY.	30,000	12.5	375,000
LA.	000	00.0	000
ME.	000	00.0	000
MD.	24,000	16.0	384,000
MASS.	3,000	19.0	57,000
MICH.	341,000	15.0	5,115,000
MINN.	410,000	18.5	7,585,000
MISS.	000	00.0	000
MO.	30,000	14.7	441,000
MONT.	9,000	12.7	114,000
NEB.	215,000	15.6	3,354,000
NEV.	000	00.0	000
N. H.	000	00.0	000
N. J.	69,000	18.5	1,276,000
N. Y.	000	00.0	000
N. C.	135,000	19.2	2,565,000
N. D.	52,000	10.0	520,000
N. D.	1,040,000	9.5	9,880,000
OHIO.	90,000	18.0	1,620,000
OKLA.	9,000	10.0	90,000
ORE.	31,000	11.5	356,000
PENN.	260,000	17.0	4,420,000
R. I.	000	00.0	000
S. C.	17,000	10.0	170,000
S. D.	350,000	16.0	5,600,000
TENN.	12,000	10.0	120,000
TEXAS.	2,000	10.0	20,000
UTAH.	13,000	8.0	104,000
VT.	1,000	20.0	20,000
VA.	77,000	15.0	1,155,000
WASH.	7,000	12.7	89,000
W. VA.	20,000	13.5	270,000
WIS.	410,000	18.5	7,585,000
WYO.	18,000	14.0	252,000
U. S.	4,102,000	14.7	60,145,000

The Cotton Crop.

The Department of Agriculture in December gives us an estimate by states of the cotton crop of 1917. We present it, together with the enumeration of the crop of 1916 and the five-year average from 1911 to 1915, inclusive. The small crop of 1917 was selling at 27.7 cents a pound in December, 1917, against 10 cents a pound, the December average for the five-year period.

State.	Five-year		1916.	1917.
	Average, Bales.	Bales.		
VIRGINIA.	23,762	27,127	16,000	
N. CAROLINA.	872,830	654,603	570,000	
GEORGIA.	2,297,697	1,820,939	1,820,000	
FLORIDA.	64,787	41,449	40,000	
ALABAMA.	1,465,301	533,402	505,000	
MISSISSIPPI.	1,152,041	811,794	895,000	
LOUISIANA.	399,007	443,182	615,000	
TEXAS.	4,180,240	3,725,700	3,115,000	
ARKANSAS.	927,273	1,134,033	895,000	
TENNESSEE.	358,538	382,422	206,000	
MISSOURI.	60,871	62,699	51,000	
OKLAHOMA.	957,106	823,526	890,000	
CALIFORNIA.	23,846	43,620	67,000	
ALL OTHER.	8,296	13,604	29,000	
U. S.	14,175,872	11,449,930	10,949,000	

Fall Rye Planting—1916 and 1917.

The statement herewith shows that considerable rye was planted in the fall of 1917 over the fall of 1916. The percentage of increase in the United States is placed at 36.6, but North Dakota alone increased 120 per cent. The planting of rye was increased from 4,480,000 acres in 1916 to 6,119,000 acres in 1917, an increase of 1,639,000 acres.

State.	1916. Acres.	1917. Acres.	Inc., Acres.	Dec., Acres.
ALA....	8,000	9,000	1,000	
ARIZ....	000	000	000	
ARK....	10,000	10,000	000	
CALIF....	000	000	000	
COLO....	30,000	30,000	000	
CONN....	8,000	9,000	1,000	
DEL....	1,000	1,000	000	
FLA....	000	000	000	
GA....	20,000	21,000	1,000	
IDA....	3,000	2,000		1,000
ILL....	52,000	57,000	5,000	
IND....	210,000	242,000	32,000	
IOWA....	60,000	63,000	3,000	
KAN....	106,000	105,000	1,000	
KY....	35,000	33,000		2,000
LA....	000	000	000	
MAINE....	000	000	000	
MD....	29,000	30,000	1,000	
MASS....	3,000	3,000	000	
MICH....	378,000	438,000	60,000	
MINN....	430,000	452,000	22,000	
MISS....	000	000	000	
MO....	35,000	38,000	3,000	
MONT....	11,000	15,000	4,000	
NEB....	225,000	254,000	29,000	
NEV....	000	000	000	
N. H....	000	000	000	
N. J....	80,000	85,000	5,000	
N. M....	000	000	000	
N. Y....	150,000	165,000	15,000	
N. C....	86,000	91,000	5,000	
N. D....	1,066,000	2,345,000	1,279,000	
OHIO....	100,000	105,000	5,000	
OKLA....	10,000	10,000	000	
ORE....	32,000	35,000	3,000	
PENN....	280,000	283,000	3,000	
R. I....	000	000	000	
S. C....	20,000	21,000	1,000	
S. D....	360,000	486,000	126,000	
TENN....	31,000	33,000	2,000	
TEXAS....	2,000	2,000	000	
UTAH....	15,000	16,000	1,000	
VT....	1,000	1,000	000	
VA....	96,000	99,000	3,000	
WASH....	8,000	9,000	1,000	
W. VA....	23,000	24,000	1,000	
WIS....	446,000	473,000	27,000	
WYO....	20,000	24,000	4,000	
U. S....	4,480,000	6,119,000	1,639,000	

CABBAGE PRODUCTION, 1917.

The nine states where cabbages are produced in quantity nearly doubled production, as compared with the previous year, but did not equal the large crop of 1915. New York state alone represents half the commercial crop of cabbage.

State.	Acre- Planted.	Yield Per Acres.	Production, Tons.
N. Y....	37,600	7.3	247,105
WIS....	13,250	8.3	97,940
MICH....	5,350	8.7	44,805
COLO....	4,400	4.4	19,360
OHIO....	3,900	10.0	35,000
MINN....	2,800	7.2	18,000
VA....	2,150	7.0	15,050
IOWA....	1,950	6.8	12,240
IND....	1,800	8.0	13,200
Total.....	73,200	7.5	502,700

In the time of Edward, I., King of England, the "acre" as a land measure was reduced to a standard.

Increased production will win the war, and nothing else will do it.

Wheat on All Farms.

This statement is made up by the United States Agricultural Department on March 1st of each year. We show the quantity shipped out to March 1st, 1918, the amount remaining on the farms and the percentage of the crop remaining on farms. The final estimate of the 1917 crop is in another table.

State.	Shipped Out, Bushels.	Per Cent. On Hand, of Bushels. Crop.
ALA....	28,000	56,000 6
ARIZ....	41,000	33,000 4
ARK....	672,000	538,000 16
CALIF....	3,712,000	520,000 7
COLO....	6,633,000	2,843,000 21
CONN....	1,232,000	519,000 24
DEL....	83,000	187,000 9
GA....	9,128,000	1,798,000 13
IDAHO....	17,632,000	4,256,000 14
ILL....	18,700,000	4,675,000 14
IND....	3,674,000	1,336,000 16
IOWA....	20,670,000	3,675,000 8
KY....	2,160,000	1,080,000 12
LA....	3,000	62,000 40
MAINE....	6,885,000	2,869,000 21
MD....	7,605,000	2,586,000 17
MASS....	34,779,000	13,912,000 24
MICH....	84,000	8,000 4
MINN....	15,147,000	3,856,000 14
MONT....	8,982,000	2,515,000 14
NEB....	6,882,000	2,753,000 20
NEV....	114,000	182,000 16
N. H....	490,000	423,000 25
N. J....	387,000	413,000 16
N. M....	3,354,000	1,677,000 26
N. Y....	488,000	2,246,000 23
N. C....	33,600,000	11,760,000 21
N. D....	20,570,000	9,051,000 22
OHIO....	16,042,000	1,782,000 5
OKLA....	7,943,000	1,281,000 10
OREGON....	9,793,000	6,365,000 31
PENN....	18,000	129,000 7
R. I....	35,897,000	11,966,000 23
S. C....	918,000	628,000 13
TENN....	6,480,000	810,000 5
TEXAS....	2,260,000	1,412,000 25
UTAH....	1,000	22,000 36
VA....	6,451,000	4,301,000 24
WASH....	20,453,000	3,506,000 12
W. VA....	662,000	1,102,000 25
WIS....	1,385,000	1,172,000 22
WYO....	1,262,000	967,000 23
U. S....	333,300,000	111,272,000 17

THE BUCKWHEAT CROP OF 1917.

The final report by the U. S. Agricultural Department of the 1917 buckwheat crop is closely near the earlier estimate.

State.	Planted Acres.	Yield Per Acres.	Production, Bushels.
CONN....	3,000	17.3	52,000
DEL....	3,000	20.0	60,000
ILL....	4,000	19.0	76,000
IND....	10,000	15.0	150,000
IOWA....	11,000	12.0	132,000
ME....	15,000	21.5	322,000
MD....	11,000	20.0	220,000
MASS....	2,000	15.0	30,000
MICH....	75,000	9.0	675,000
MINN....	11,000	14.0	154,000
MO....	6,000	15.0	90,000
NEB....	2,000	16.0	32,000
N. H....	2,000	19.0	38,000
N. J....	16,000	18.0	288,000
N. Y....	330,000	18.0	5,940,000
N. C....	12,000	20.0	240,000
OHIO....	25,000	17.2	430,000
PENN....	350,000	18.0	6,300,000
TENN....	13,000	17.0	68,000
VT....	4,000	22.0	286,000
VA....	33,000	21.1	696,000
W. VA....	45,000	20.0	900,000
WIS....	23,000	12.2	281,000
U. S....	1,006,000	17.4	17,460,000

Winter Wheat Sown—Autumn 1916-1917.

This statement shows at a glance the wheat sown in the autumn of 1916 and in the fall of 1917.

State.	1916. Acres.	1917. Acres.	Inc., Acres.	Dec., Acres.
ALA...	120,000	144,000	24,000	
ARIZ...	37,000	41,600	7,000	
ARK...	220,000	288,000	68,000	
CALIF.	425,000	489,000	64,000	
COLO...	420,000	462,000	42,000	
CONN.	000	000	000	
DEL...	136,000	146,000	10,000	
FLA...	000	000	000	
GA...	393,000	428,000	35,000	
IDA...	335,000	302,000		33,000
ILL...	2,365,000	2,602,000	237,000	
IND...	2,116,000	2,645,000	529,000	
IOWA...	450,000	459,000	9,000	
KAS...	9,479,000	9,479,000	000	
KY...	850,000	952,000	102,000	
LA...	000	000	000	
MAINE.	000	000	000	
MD...	695,000	737,000	42,000	
MASS...	000	000	000	
MICH...	896,000	941,000	45,000	
MINN...	87,000	89,000	2,000	
MISS...	18,000	36,000	18,000	
MO...	2,300,000	2,875,000	575,000	
MONT.	775,000	775,000	000	
NEB...	3,645,000	3,135,000		516,000
NEV...	5,000	5,000	000	
N. H...	000	000	000	
N. J...	940,000	99,000	5,000	
N. M...	180,000	270,000	90,000	
N. Y...	415,000	512,000	67,000	
N. C...	1,025,000	1,179,000	154,000	
N. D...	000	000	000	
OHIO.	1,950,000	2,145,000	195,000	
OKLA.	3,400,000	3,264,000		136,000
ORE...	450,000	562,000	112,000	
PENN.	1,457,000	1,530,000	73,000	
R. I...	000	000	000	
S. C...	225,000	270,000	45,000	
S. D...	182,000	164,000		18,000
TENN.	800,000	840,000	40,000	
TEXAS.	1,725,000	1,622,000		103,000
UTAH.	246,000	244,000		2,000
VT...	000	000	000	
VA...	1,330,000	1,463,000	133,000	
WASH.	754,000	422,000		332,000
W. VA.	323,000	355,000	32,000	
WIS...	101,000	112,000	11,000	
WYO...	80,000	84,000	4,000	
U. S...	40,534,000	42,170,000	1,636,000	

WHEAT ON FARMS, 1915, 1916, 1917.

This table shows the amount of wheat reported as being on farms on the 1st of March for several years. A separate table shows the amount of wheat on farms on March 1st, 1918.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
PENN...	5,462,000	8,612,000	4,702,000
MD....	2,368,000	2,568,000	2,048,000
VA...	2,598,000	4,922,000	2,925,000
N. C...	2,126,000	2,551,000	1,796,000
OHIO...	8,038,000	12,058,000	3,240,000
IND...	6,486,000	10,028,000	2,527,000
ILL...	5,550,000	9,576,000	1,460,000
MICH...	3,983,000	5,725,000	2,448,000
MINN...	10,314,000	19,844,000	5,787,000
IOWA...	3,013,000	4,556,000	1,672,000
MO...	6,933,000	5,798,000	1,492,000
N. D...	15,502,000	39,512,000	11,011,000
S. D...	6,945,000	17,853,000	5,958,000
KAS...	10,890,000	23,436,000	15,081,000
NEB...	36,124,000	25,569,000	10,782,000
KY...	1,254,000	1,188,000	641,000
TEXAS.	1,547,000	2,813,000	924,000
OKLA.	4,793,000	5,052,000	1,775,000
MONT...	3,488,000	10,545,000	4,871,000
COLO...	2,036,000	3,167,000	2,020,000
IDAHO.	2,442,000	3,933,000	2,110,000
WASH.	5,021,000	7,713,000	4,516,000
OREGON.	1,826,000	3,004,000	2,737,000
U. S...	152,903,000	244,448,000	101,365,000
U. S., on Farms, March 1st, 1918..			111,272,000

Spaniards exported the first cattle from the West Indies into Old Mexico in the year 1525.

Alfalfa, 1915-1916, and Millets.

The United States government report by the Department of Agriculture shows that in 1915 alfalfa produced was 19,046,000 tons, but in 1916 the unfavorable season reduced the crop to 16,591,000 tons. The millets also decreased from 3,561,000 tons in 1915 to 3,133,000 tons in 1916.

State.	ALFALFA,		MILLETS,	
	1915. Tons.	1916. Tons.	1915. Tons.	1916. Tons.
ALA.	31,000	18,000	27,000	36,000
ARIZ.	358,000	527,000	9,000	12,000
ARK.	89,000	70,000	45,000	37,000
CAL.	1,819,000	1,838,000		
COL.	1,665,000	1,213,000	43,000	60,000
CONN.	35,000	26,000	20,000	17,000
DEL.	3,000	5,000	7,000	5,000
FLA.		1,000	4,000	3,000
GA...	16,000	19,000	28,000	26,000
IDAHO.	969,000	888,000		
ILL.	270,000	279,000	115,000	121,000
IND.	167,000	166,000	76,000	66,000
IOWA.	255,000	290,000	139,000	122,000
KAS.	2,478,000	1,588,000	325,000	182,000
KY...	57,000	71,000	94,000	106,000
LA...	42,000	43,000	13,000	9,000
ME...			60,000	61,000
MD...	19,000	27,000	9,000	14,000
MASS.	28,000	30,000	49,000	53,000
MICH.	242,000	284,000	52,000	44,000
MINN.	97,000	157,000	162,000	175,000
MISS.	21,000	21,000	4,000	7,000
MO...	241,000	261,000	278,000	240,000
MONT.	961,000	715,000	15,000	14,000
NEB.	2,866,000	2,646,000	410,000	346,000
NEV.	601,000	427,000		
N. H.	3,000	4,000	30,000	38,000
N. J.	52,000	44,000	16,000	12,000
N. M.	325,000	248,000	22,000	19,000
N. Y.	330,000	364,000	110,000	109,000
N. C.	16,000	15,000	23,000	18,000
N. D.	132,000	141,000	139,000	186,000
OHIO.	243,000	202,000	41,000	41,000
OKLA.	671,000	487,000	190,000	74,000
ORE.	468,000	430,000		
PENN.	130,000	156,000	87,000	78,000
R. I.	1,000	1,000	6,000	6,000
S. C.	11,000	13,000	11,000	6,000
S. D.	561,000	583,000	244,000	194,000
TENN.	35,000	58,000	216,000	203,000
TEX.	145,000	98,000	84,000	86,000
UTAH.	749,000	600,000	10,000	8,000
VT...	13,000	25,000	46,000	67,000
VA...	47,000	64,000	57,000	64,000
WASH.	523,000	441,000		10,000
W. Va.	42,000	32,000	44,000	38,000
WIS.	361,000	243,000	90,000	89,000
WYO.	883,000	741,000	61,000	31,000
Total	19,046,000	16,591,000	3,561,000	3,133,000

The Farmers' First Market.

About the year 1345, in England, and near London, particularly fruits and vegetables, such as then were raised, were sold at a market place near St. Paul's church yard, but owing to the "scurrility, clamor and nuisance of the gardeners and their servants, which had become so obnoxious to the people dwelling there," the Mayor and Aldermen being appealed to, designated another place (now called Austin Friars), where sales could be made and nowhere else.

A Scottish history mentions black (Galloway) cattle as being reared in great numbers as early as the year 1249.

Be sure to buy a Liberty Bond.

Different Colored Corn.

The corn crop of the year 1917 is placed at 3,159,494,000 bushels, and it is divided into colors, as per table presented herewith. The figuring, of course is in bushels. It will be noticed that Illinois produces the most white corn, Iowa the most yellow corn, and Iowa the most mixed corn:

State.	White, Bushels.	Yellow, Bushels.	Mixed, Bushels.
ALA....	56,356,000	8,492,000	12,352,000
ARIZ....	458,000	346,000	60,000
ARK....	42,336,000	12,768,000	12,096,000
CALIF....	1,440,000	864,000	96,000
COLO....	4,043,000	3,618,000	2,979,000
CONN....	1,017,000	3,343,000	485,000
DEL....	2,737,000	4,223,000	860,000
FLA....	11,387,000	1,110,000	1,387,000
GA....	57,600,000	6,480,000	7,920,000
IDA....	273,000	273,000	136,000
ILL....	154,660,000	213,180,000	50,160,000
IND....	61,031,000	115,958,000	26,447,000
IOWA....	114,996,000	229,992,000	65,712,000
KAS....	56,401,000	42,301,000	29,482,000
KY....	81,081,000	27,027,000	14,742,000
LA....	19,433,000	11,829,000	10,984,000
ME....	000	780,000	000
MD....	10,951,000	14,040,000	3,080,000
MASS....	281,000	2,329,000	196,000
MICH....	9,782,000	21,823,000	6,020,000
MINN....	26,100,000	48,600,000	15,300,000
MISS....	60,516,000	10,086,000	13,448,000
MO....	93,240,000	118,440,000	40,320,000
MONT....	263,000	364,000	385,000
NEB....	94,802,000	107,277,000	47,401,000
NEV....	55,000	5,000	000
N. H....	109,000	939,000	44,000
N. J....	1,916,000	6,002,000	4,853,000
N. M....	1,292,000	1,020,000	1,088,000
N. Y....	6,510,000	15,364,000	4,166,000
N. C....	43,200,000	6,600,000	10,200,000
N. D....	1,690,000	1,434,000	2,177,000
OHIO....	31,521,000	96,064,000	22,515,000
OKLA....	12,597,000	9,945,000	10,608,000
ORE....	378,000	630,000	252,000
PENN....	12,442,000	38,572,000	11,198,000
R. I....	382,000	109,000	55,000
S. C....	34,279,000	6,152,000	3,516,000
S. D....	33,031,000	50,518,000	13,601,000
TENN....	80,028,000	15,561,000	15,561,000
TEXAS....	31,908,000	24,904,000	21,013,000
UTAH....	275,000	170,000	55,000
VT....	634,000	1,904,000	000
VA....	48,424,000	15,901,000	7,950,000
WASH....	486,000	834,000	197,000
W. VA....	9,258,000	13,010,000	2,752,000
WIS....	13,081,000	18,988,000	10,127,000
WYO....	191,000	112,000	357,000
U. S....	1,324,871,000	1,330,281,000	504,342,000

ORANGES, LEMONS AND (POMELOES) GRAPE FRUIT.

The following memorandum from the report of the last census shows that California is the largest producer of oranges and lemons, and that Florida is the largest producer of (Pomeles) grape fruit.

State.	ORANGES.		LEMONS.		GRAPE FRUIT.	
	Farms.	Boxes.	Farms.	Boxes.	Farms.	Boxes.
ALA....	560	1201	132	65	153	290
ARIZ....	336	32247	99	1010	64	820
ARK....	40	1	56	3		
CAL.	19074	14436180	8449	2756221	1876	122515
FLA.	16769	4852967	498	12367	7662	1061537
GA....	215	210	42	2	243	361
LA.	3231	149979	261	303	87	1781
MISS.	550	3779	141	31	182	1368
N. M....	3	12				
N. C....	51	21	55	7		
S. C....	80	177	51	66	21	88
TENN....	43	1	55	6		
TEX.	3054	10694	666	224	403	488
VA....	16	12	52	8	9	1
Total.	44022	10557	6172			
Total.		19487481	2770313		11189250	

Increased production will win the war, and nothing else will do it.

Sweet Potatoes, 1915-1916.

The sweet potato crop of 1914 was 56,574,000 bushels; of 1915 it was 75,639,000 bushels; and in 1916 the crop was 70,955,000 bushels. The area in 1914 was 603,000 acres; in 1915 the area was 731,000 acres; and in 1916 the ground devoted to raising sweet potatoes was 774,000 acre.

State.	1915.		1916.	
	Yield Per Acre, Bushels.	Pro-duction, Bushels.	Yield Per Acre, Bushels.	Pro-duction, Bushels.
ALA....	90	7,200,000	74	6,290,000
ARK....	130	3,900,000	91	3,185,000
CAL....	135	810,000	160	960,000
DEL....	135	675,000	125	625,000
FLA....	112	2,576,000	100	2,500,000
GA....	85	8,075,000	80	7,520,000
ILL....	110	880,000	90	720,000
IND....	104	208,000	100	300,000
IOWA....	95	285,000	91	273,000
KAS....	110	440,000	92	368,000
KY....	105	1,050,000	90	900,000
LA....	92	5,980,000	90	5,760,000
MD....	130	1,040,000	126	1,134,000
MISS....	110	8,250,000	82	6,314,000
MO....	100	700,000	70	490,000
N. J....	155	3,565,000	100	2,300,000
N. C....	105	8,925,000	107	9,309,000
OHIO....	95	95,000	99	99,000
OKLA....	115	1,380,000	74	962,000
PENN....	105	105,000	100	100,000
S. C....	105	6,825,000	86	5,676,000
TENN....	105	2,835,000	100	2,700,000
VA....	110	3,740,000	130	5,070,000
W. VA....	110	220,000	140	280,000
U. S....	103.5	75,639,000	91.7	70,955,000

SWEET POTATOES—1917.

The 1917 crop of sweet potatoes, as estimated by the United States Department of Agriculture, is a large crop. Georgia shows largely increased production, and the general average per acre is much the same as in 1916. The acreage increased from 774,000 in 1916 to 953,000 acres in 1917.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA....	178,000	90.0	16,020,000
ARK....	40,000	110.0	4,400,000
CALIF....	6,000	167.0	1,002,000
DEL....	5,000	112.0	560,000
FLA....	35,000	100.0	3,500,000
GA....	125,000	93.0	11,625,000
ILL....	8,000	97.0	776,000
IND....	3,000	106.0	318,000
IOWA....	900	90.0	270,000
KAS....	4,000	92.0	368,000
KY....	12,000	95.0	1,140,000
LA....	62,000	79.0	4,898,000
MD....	10,000	118.0	1,180,000
MISS....	85,000	65.0	5,525,000
MO....	8,000	112.0	896,000
N. J....	24,000	120.0	2,880,000
N. M....	2,000	118.0	236,000
N. C....	90,000	95.0	8,550,000
OHIO....	1,000	95.0	95,000
OKLA....	15,000	90.0	1,350,000
PENN....	1,000	110.0	110,000
S. C....	80,000	95.0	7,600,000
TENN....	30,000	95.0	2,850,000
TEXAS....	84,000	78.0	6,552,000
VA....	40,000	104.0	4,160,000
W. VA....	2,000	140.0	280,000
U. S....	953,000	91.4	87,141,000

THE ORANGE RESULTS—1917.

Here we have a table showing the results in orange growing in Florida and California. The relative importance of California and Florida as orange-growing states can be ascertained from this table:

State.	1915. Boxes.	1916. Boxes.	1917. Boxes.
FLA....	6,150,000	6,933,000	4,200,000
CALIF....	15,050,000	17,500,000	8,632,000
Total.....	21,200,000	24,433,000	12,832,000

Milo Maize and Kafir Corn.

These crops have seldom been enumerated. They are in one class. In 1899 the census reported 266,513 acres devoted to the production of these crops and resulting in a production of 5,169,113 bushels. In 1909 the acreage was increased to 1,635,153 and the production to 17,597,305 bushels.

State.	Acreage, 1899.	Acreage, 1909.	Bush-els, 1899.	Bush-els, 1909.
ALA....	4	140	90	1,716
ARIZ....	1	801	50	18,739
ARK....	109	1,294	1,722	15,284
CALIF..	20,218	41,308	420,452	938,049
COLO....	18	11,971	302	139,234
CONN....	2	4	105	25
DEL....	2	1	65	422
FLA....	2	16	15	369
GA....	26	15	369	140
IDAHO..	34	9	808	7,739
ILL....	3	415	37	3,228
IND....	66	179	37	3,081
IOWA....	154,706	388,495	3,063,781	5,115,415
KAS....	190	190	2,404	2,404
KY....	213	213	2,132	2,132
LA....	1	19	6	238
MAINE..	1	21	1,317	1,317
MD....	84	84	1,780	1,780
MASS....	43	75	1,006	3,335
MICH....	9	44	277	794
MISS....	1,990	13,543	38,497	228,386
MONT....	53	53	1,253	1,253
NEB....	742	2,016	13,607	20,212
NEV....	15	15	385	385
N. H....	23	23	350	350
N. J....	76	76	1,436	1,436
N. M....	138	63,570	4,473	543,350
N. Y....	227	227	5,082	5,082
N. C....	2	65	8	599
N. D....	25	23	375	444
OHIO....	12	82	90	1,920
OKLA....	65,418	532,515	1,136,772	4,658,752
ORE....	4	24	154	617
PENN....	1	283	14	5,129
R. I....	8	8	135	135
S. C....	21	139	280	1,411
TENN....	10	119	257	1,539
TEXAS..	22,813	573,384	482,096	5,860,444
UTAH....	9	80	170	1,438
VT....	4	4	47	47
VA....	26	26	467	467
WASH....	88	425	1,877	8,106
W. VA....	17	17	410	410
WIS....				
WYO....				

Total. 266,513 1,635,750 5,169,113 17,597,305

KAFIR-CORN REPORT.

The following is an Agricultural Department estimate of the Kafir corn produced in the years 1915, 1916 and 1917:

State.	1915.	1916.	1917.
KAS....	35,100,000	13,320,000	31,890,000
TEXAS..	40,000,000	26,400,000	14,766,000
OKLA....	30,950,000	7,798,000	22,400,000
COLO....	1,650,000	700,000	1,320,000
N. M....	5,400,000	3,960,000	3,510,000
ARIZ....	1,360,000	1,680,000	1,980,000
U. S....	114,460,000	53,858,000	75,866,000

In the year 1516 the gooseberry bush was planted in the gardens of Henry, VIIIth., King of England.

The Book of Husbandry printed in 1534. First and best of early English works on agriculture; ascribed to Fitzherbert, a Judge in the reign of Henry, VIII.

Timothy, Clover and Millets.

This is a basic table from the last census, showing the amount of timothy hay, timothy and clover mixed, also straight clover and the millets (including Hungarian grass) grown in the United States in a normal year, as follows:

State.	Timothy, Tons.	Mixed, Tons.	Clover, Tons.	Millets, Tons.
ALA....	4,566	4,169	7,544	15,228
ARIZ....	182	289	119	791
ARK....	35,113	72,190	18,369	11,652
CAL....	20,001	73,183	20,836	2,688
COLO....	33,482	84,636	3,695	35,267
CONN....	82,083	147,896	2,562	4,510
DEL....	22,588	31,387	27,407	1,081
D. C....	287	328	15	4
FLA....	747	1,201	1,618	936
GA....	3,237	4,153	2,266	3,985
ID....	140,334	99,864	20,944	1,071
ILL....	1,947,572	1,123,254	539,700	46,918
IND....	1,442,218	524,385	314,818	25,147
IA....	1,952,956	3,732,186	195,759	54,346
KAS....	144,536	357,159	79,144	290,661
KY....	353,239	204,865	80,688	35,951
LA....	1,331	4,597	15,287	858
ME....	143,855	559,293	5,753	16,793
MD....	159,690	215,052	32,942	2,819
MASS....	153,622	249,317	3,145	15,276
MICH....	929,165	1,991,618	216,862	16,349
MINN....	1,101,510	1,433,075	106,334	50,383
MISS....	1,620	2,604	12,000	2,390
MO....	1,334,556	1,630,211	309,209	141,626
MONT....	171,030	156,039	24,094	4,742
NEB....	128,729	470,764	46,648	160,684
NEV....	31,395	26,157	120	467
N. H....	85,412	203,106	3,292	9,251
N. J....	146,700	236,490	9,475	1,921
N. M....	3,233	2,650	410	10,637
N. Y....	1,159,083	3,215,021	114,864	31,147
N. C....	16,011	39,050	39,445	3,529
N. D....	197,947	39,724	1,386	149,429
OHIO....	2,348,660	1,346,347	239,192	12,104
OKLA....	9,817	6,355	2,214	75,591
ORE....	67,239	129,278	83,909	1,690
PENN....	1,200,073	1,830,352	71,096	10,675
R. I....	21,892	28,292	295	1,392
S. C....	1,654	237	536	1,576
S. D....	248,927	218,371	4,194	65,844
TENN....	130,834	236,656	201,926	76,311
TEX....	916	468	748	95,352
UTAH....	34,214	24,115	1,748	876
VT....	75,847	628,098	6,640	13,667
V.A....	169,887	366,741	63,056	14,589
WASH....	143,461	253,194	21,923	421
W.VA....	278,074	249,986	6,514	8,996
WIS....	1,110,446	2,477,311	193,786	9,851
WYO....	44,655	16,328	808	6,252

Total 17,985,420 24,748,555 3,158,324 1,546,533

KAFIR CROP OF 1917.

The kafir crop varies considerably one year with another. The crop of 1917 was largely in excess of the year 1916, but was very much below the yield of 1915.

State.	Planted, Acre.	Yield, Per Acre.	Production, Bushel.
KAS....	2,126,000	15.0	31,890,000
TEXAS..	1,284,000	11.5	14,766,000
OKLA....	1,400,000	16.0	22,400,000
COLO....	88,000	15.0	1,320,000
N. M....	195,000	18.0	3,510,000
ARIZ....	60,000	33.0	1,980,000
Total....	5,153,000	14.7	75,866,000

From the Book of Husbandry in 1534: "And in the beginning of March or a lyttel afore, is tyme for a wife to make her garden, and to gette as many good sedes and herbes as be good for the pottle and to eate, and as ofte as nede shall require; it must be weded, for els wedes wyl ouergrowe the herbes."

Sugar Beets.

Although sugar beets are raised largely in a few states, it is proper to show the entire production, no matter how small it may be in some states. When the last census was taken, beets were produced on 35,682 farms, and the acreage devoted to sugar beet raising was 354,093. The production in tons was 3,932,857, of which 30,876 tons were used as root forage and 3,902,071 tons were used for the manufacture of beet sugar. This industry had made a tremendous increase in ten years. At the previous census 14,035 farms were producing beets, the acreage was 110,170, and the production was 793,353 pounds.

State.	1910.		1900.	
	Farms Reporting.	Re-Acre.	Production, Tons.	Used as Forage.
ALA.	12	18	43	43
ARIZ.	67	4,413	49,630	6
ARK.	155	244	468	468
CAL.	1,113	78,957	845,191	1,922
COL.	4,898	108,082	1,231,712	994
CONN.	3	3	25	25
DEL.	2	2	3	3
D. C.	2	2	3	3
FLA.	75	49	164	164
GA.	1,037	15,601	179,661	23
IDA.	293	1,181	14,981	65
ILL.	109	756	7,194	646
IND.	247	1,051	7,117	155
IA.	210	5,851	50,736	151
KAS.	160	192	675	675
KY.	3	1	15	15
LA.	43	21	198	198
ME.	8	5	81	81
MD.	65	74	742	742
MASS.	114,690	78,779	707,639	649
MICH.	774	2,238	24,140	384
MINN.	30	19	69	69
MISS.	106	180	506	506
MO.	369	8,804	109,434	658
MONT.	327	4,191	39,874	118
NEB.	4	3	36	36
NEV.	3	3	125	125
N. H.	28	36	529	529
N. J.	29	55	239	72
N. M.	376	1,313	10,990	930
N. Y.	32	39	85	85
N. C.	4	3	59	59
N. D.	1,129	7,036	63,696	150
OHIO	161	207	359	359
OKLA.	208	1,176	15,605	9,093
PENNA.	71	57	800	800
R. I.	2	2	3	3
S. C.	37	52	95	95
S. D.	9	5	28	28
TENN.	123	167	429	429
TEX.	161	293	611	611
UTAH	3,644	27,472	413,946	135
VT.	11	5	46	46
VA.	36	20	94	94
WASH.	381	1,820	13,794	7,238
W.VA.	10	10	45	45
WIS.	4,341	12,379	127,526	880
WYO.	136	1,207	13,418	184
Total	35,682	364,093	3,932,857	30,786
1900.	14,035	110,170	793,353	3,902,071

On March 8th, 1549, Bishop Latimer preached his famous "Sermon of the Plough" before the Court of King Edward, VI., of England, and complained that where formerly there were dwellings and inhabitants there is only the shepherd and his dog. He reproached the land owners with depopulating the country by turning cultivated farms into stock ranches.

Sugar From Sugar Beets.

In considering the status of the sugar beet industry we find that the average size of a sugar beet acreage on a farm is 10.2 acres, although in some states it is much larger; the yield per acre averaged 10.80 tons, the value per ton averaged \$5.06, the average value per acre was \$54.60, and the total value of the crop was \$19,880,724. Ten years previous the average acreage per farm was 7.8, the average yield per acre was 7.20 tons, the value per ton was \$4.19, the value per acre was \$30.16, the total value of that crop was \$3,323,240. The entire Colorado sugar beet industry appears to have grown between 1900 and 1910.

State.	1909.		1900.	
	Average Acres.	Yield Per Acre, Tons.	Value Per Ton.	Value Per Acre.
ALA.	1.5	2.39	\$ 9.19	\$ 21.94
ARIZ.	6.63	11.17	4.78	53.34
ARK.	1.6	1.92	8.43	16.17
CALIF.	70.9	10.70	5.11	54.72
COLO.	2.21	11.40	4.92	56.08
CONN.	1.0	8.33	7.44	62.00
DEL.	1.0	8.33	7.44	62.00
D. C.	1.0	8.33	7.44	62.00
FLA.	1.0	1.50	20.49	30.94
GA.	0.7	3.35	8.45	28.27
IDAHO	15.0	11.52	4.53	52.15
ILL.	4.0	12.69	5.19	65.82
IND.	6.9	9.52	5.68	54.05
IOWA.	4.3	6.77	4.92	33.32
KAS.	27.9	8.67	5.05	43.80
KY.	1.2	3.52	5.84	20.52
LA.	0.3	15.00	16.00	240.00
MAINE.	0.5	9.43	9.16	86.38
MD.	0.6	16.20	6.68	108.20
MASS.	1.1	10.03	12.49	125.26
MICH.	5.4	8.98	5.67	50.95
MINN.	2.9	10.79	4.91	53.00
MISS.	0.6	3.63	9.42	34.21
MO.	1.7	2.81	5.74	16.14
MONT.	23.9	12.43	5.09	62.11
NEB.	12.8	9.51	4.52	43.01
NEV.	0.8	12.00	5.53	66.33
N. H.	1.0	41.67	8.04	335.00
N. J.	1.3	14.69	4.94	72.64
N. M.	1.9	4.35	6.24	27.13
N. Y.	3.5	8.37	5.39	45.09
N. C.	1.2	2.18	7.46	16.26
N. D.	0.8	19.67	6.27	123.33
OHIO.	6.2	9.05	5.02	45.43
OKLA.	2.0	1.73	7.56	13.12
ORE.	5.7	13.27	4.80	63.69
PENNA.	0.8	14.04	7.28	102.21
R. I.	1.5	1.90	13.33	13.33
S. C.	1.4	1.83	12.51	22.85
S. D.	0.6	5.60	5.86	32.80
TENN.	1.4	2.57	6.55	16.83
TEXAS.	1.8	2.09	9.69	20.20
UTAH.	7.5	15.07	4.49	67.65
VT.	0.5	9.20	7.00	64.40
VA.	0.6	4.70	9.26	43.50
WASH.	4.8	7.53	6.25	47.23
W. VA.	1.0	10.30	7.31	73.11
WIS.	2.9	10.30	5.23	53.90
WYO.	8.9	11.12	4.58	50.87
Average	10.2	10.80	\$ 5.06	\$ 54.60
			\$ 19,880,724	

Richard Harris, an English fruit grower, in service of King Henry, VIII., planted many apple orchards in the county of Kent, near London, in the year 1533.

The apricot introduced into England by Woolf, the gardener to King Henry, VIII., in the year 1524.

Be sure to buy a Liberty Bond.

The Crop of Sorghum Cane.

In the year 1909—the season the last census was based upon—445,684 farms grew sorghum cane, which was seven per cent. of all farms. The total production was 1,647,262 tons, grown upon 444,089 acres. Of the total production 270,775 tons were used as coarse forage and 1,376,487 ton were worked into sorghum syrup. The value of sorghum cane increased from \$3.20 in 1899 to \$6.18 in 1909.

1909.

State.	Farms Re- porting.	Area, Acres.	Forage, Tons.	For Yield Making Per Syrup, Acres, Tons.	Tons.
ALA...	24,545	17,819	4,799	67,589	4.06
ARIZ...	122	586	1,122	329	2.48
ARK...	31,952	33,071	10,082	183	2.82
CALIF...	48	647	2,833	188	4.67
COLO...	324	3,169	6,987	174	2.26
CONN...	17	9	121	.....	13.44
DEL...	117	66	6	266	4.12
D. C...	.....	.....	.....	.....	.....
FLA...	212	379	159	2,014	5.73
GA...	22,098	15,612	4,134	60,202	4.12
IDA...	14	29	229	24	8.72
ILL...	21,971	15,059	866	89,421	6.00
IND...	22,116	12,253	2,072	77,600	6.50
IOWA...	5,364	6,225	4,360	24,597	4.65
KAN...	2,954	15,406	26,377	34,444	3.95
KY...	57,135	62,327	27,899	198,404	3.63
LA...	1,929	1,690	1,388	4,685	3.59
ME...	72	8	97	12.13	.....
MD...	72	75	66	209	3.67
MASS...	1	3	30	.....	10.00
MICH...	1,251	416	608	2,157	6.65
MINN...	3,677	1,709	396	12,857	7.75
MISS...	19,312	17,851	5,032	50,327	3.10
MO...	42,230	15,088	24,441	176,765	4.46
MONT...	9	17	19	18	2.18
NEB...	782	4,034	9,254	1,223	2.60
NEV...	12	14	.....	100	7.14
N. H...	.....	.....	.....	.....	.....
N. J...	3	.....	2	3	.....
N. M...	422	2,371	2,379	440	1.19
N. Y...	56	133	621	20	4.48
N. C...	41,620	21,227	1,709	84,753	4.07
N. D...	8	26	122	4.92	.....
OHIO...	11,900	4,709	507	28,137	6.08
OKLA...	10,758	25,546	29,404	35,195	2.53
ORE...	85	153	1,654	133	11.68
PENN...	121	90	100	206	3.40
R. I...	.....	.....	.....	.....	.....
S. C...	10,892	8,445	5,241	22,371	3.27
S. D...	91	297	654	197	2.87
TENN...	47,130	52,907	22,573	183,328	3.89
TEX...	24,872	55,027	70,789	30,902	1.85
UTAH...	155	340	27	1,627	4.86
VT...	1	2	4	.....	2.00
VA...	16,808	8,288	574	40,875	5.00
WASH...	35	66	695	71	11.61
W. VA...	16,720	8,607	3	48,091	5.59
WIS...	5,436	2,281	237	13,498	6.02
WYO...	4	22	103	.....	4.68
Total.	445,684	444,089	270,775	1,376,487	3.71

Rice Production, 1915-1916.

One of the few crops which exhibited a substantial increase in production in 1916 was rice. The crop of 1914 was 23,649,000 bushels; in 1915 the crop was 28,947,000 bushels; and in 1916, 41,982,000 bushels.

State.	Per Acre, 1915.	Per Acre, 1916.	Pro- duction, 1915.	Pro- duction, 1916.	Value Per Acre, 1915.	Value Per Acre, 1916.
State.	Bu.	Bu.	Bushels.	Bushels.	\$ c.	\$ c.
ALA.	25.0	25.0	8,000	8,000	18.75	18.75
ARK.	48.4	50.0	4,840,000	6,312,000	45.98	48.48
CAL.	66.7	67.0	2,268,000	4,543,000	60.00	52.26
FLA.	29.3	25.0	12,000	18,000	18.75	18.75
GA...	29.0	20.0	26,000	16,000	25.78	17.40
LA.	34.2	46.0	13,714,000	20,392,000	30.73	41.40
MISS.	25.0	28.0	45,000	53,000	22.00	22.40
MO.	50.0	51.0	10,000	10,000	50.00	51.00
N. C.	21.0	21.0	4,000	4,000	17.85	17.85
S. C.	24.3	14.0	90,000	49,000	21.87	12.60
TEX.	30.5	45.0	7,930,000	10,575,000	27.14	38.70
Total	36.1	47.8	28,947,000	41,982,000	32.66	42.31

Sorghum Syrup.

This tabulated statement shows the farm production of sorghum syrup for four different census years, ten years apart, showing quite a decrease in sorghum syrup making. In 1879 the amount of sorghum syrup made was 28,444,202 gallons, and thirty years later the production is only 16,532,382 gallons. The year 1909 was a bad weather year for sorghum, reducing the average of 0.52 tons per acre in 1899 to 3.71 tons per acre in 1909.

SORGHUM SYRUP MADE ON FARMS—GALLONS.

State.	1879.	1889.	1899.	1909.
ALA...	1,163,451	1,242,689	1,168,868	809,361
ARIZ...	5,771	4,808	9,031	3,967
ARK...	1,118,364	1,868,952	1,223,691	1,140,532
CALIF...	2,459	1,670	8,671	4,330
COLO...	3,227	19,964	2,661	2,547
CONN...	1,163	214	.....	.....
DEL...	25,136	3,371	8,952	4,517
D. C...	.....	.....	.....	.....
FLA...	10,199	10,461	.....	22,177
GA...	981,152	1,342,803	767,024	740,450
IDA...	36	3,093	1,393	407
ILL...	2,265,993	1,110,183	625,939	977,238
IND...	1,741,853	751,808	579,061	965,086
IOWA...	2,064,020	1,386,605	521,212	250,205
KAN...	1,429,476	1,484,937	735,787	260,680
KY...	2,962,965	2,094,962	1,277,206	2,733,683
LA...	33,777	107,763	48,727	47,029
ME...	.....	152	.....	.....
MD...	19,837	4,732	4,058	1,782
MASS...	18	45	.....	.....
MICH...	102,500	45,524	24,059	21,350
MINN...	543,369	340,792	157,605	145,934
MISS...	1,062,140	972,216	1,162,369	622,356
MO...	4,129,595	2,721,240	1,990,387	1,788,391
MONT...	.....	100	100	223
NEB...	216,047	634,146	92,413	14,644
NEV...	850	930	1,465	1,266
N. H...	.....	50	.....	.....
N. J...	1,261	281	450	35
N. M...	251	3,510	2,812	5,289
N. Y...	1,134	8,305	973	14
N. C...	964,662	1,268,946	1,419,570	1,099,346
N. D...	17,012	10	114	102
OHIO...	1,229,852	547,630	341,523	354,131
OKLA...	.....	31,299	179,272	514,807
ORE...	2,283	2,706	2,473	1,374
PENN...	69,767	33,708	6,514	2,585
R. I...	.....	.....	.....	.....
S. C...	281,242	559,216	478,190	262,452
S. D...	16,000	29,372	9,859	2,030
TENN...	3,776,312	2,542,553	2,047,655	2,076,339
TEX...	432,059	1,749,410	871,232	448,185
UTAH...	58,221	24,298	28,017	21,847
VT...	.....	.....	.....	.....
VA...	564,558	546,328	555,321	441,189
WASH...	1,472	1,125	438	634
W. VA...	817,168	512,747	450,777	604,201
WIS...	314,150	219,070	160,414	139,667
WYO...	.....	120	.....	.....
Total.	28,444,202	16,972,783	.....	.....
Total.	24,235,219	16,532,382	.....	.....

Grain Sorghums.

Herewith is an Agricultural Department memorandum relating to the production of grain sorghums, showing production of 1916 and estimate for 1917. The acreage planted in 1917 is 28.4 per cent. greater than in 1916 and the largest increase in acreage of 1916 is in Kansas.

State.	1915.	1916.	1917.	1917
State.	Bushels.	Bushels.	Acres.	Bushels.
KAS.	35,100,000	12,000,000	1,850,000	29,230,000
OKL.	30,950,000	8,000,000	1,396,000	29,316,000
TEX.	40,000,000	24,000,000	1,284,000	26,964,000
COL.	1,650,000	700,000	88,000	1,313,000
N. M.	5,400,000	3,960,000	216,000	5,131,000
ARIZ.	1,360,000	1,680,000	60,000	2,052,000
Total	114,460,000	50,340,000	4,894,000	94,516,000

Production of Dry Peas.

In the year 1899 there were 417,864 farms producing dry peas (very largely known as cowpeas, black-eyed peas, etc.), and ten years later the farms producing was reduced to 261,231. The crop also was reduced from 9,440,210 bushels in 1899 to 7,129,294 bushels in 1909. Cowpeas are often grown on the same land as other crops, therefore the acreage figures are only estimates. As between these two census years there appears to be a great falling off in number of Southern farms growing cowpeas. The inference is that these legume crops are largely turned under as green manure.

1899. Acre- age.	1899. Bushels.	1909. Farms.	1909. Acre- age.	1909. Bushels.
State.				
ALA. 91,126	665,388	26,905	85,034	418,007
ARIZ. 50	866	13	13	93
ARK. 31,414	245,894	13,821	52,730	229,444
CAL. 2,014	57,299	262	2,959	57,468
COLO. 3,621	47,461	832	24,230	258,281
CONN. 29	462	18	4	72
DEL. 518	4,650	223	1,615	12,521
D. C.				
FLA. 17,875	159,814	2,642	7,144	56,713
GA. 167,032	1,130,441	34,716	210,315	736,009
IDA. 170	2,506	59	234	4,875
ILL. 12,982	103,386	4,534	14,076	185,020
IND. 533	7,357	1,652	13,082	88,254
IA. 1,556	27,606	183	731	9,007
KAS. 151	2,006	114	825	5,235
KY. 8,391	83,089	1,732	8,465	44,772
LA. 15,190	146,298	6,330	33,150	161,659
ME. 3,300	35,991	1,039	537	4,963
MD. 947	12,459	350	742	5,603
MASS. 122	2,259	58	30	480
MIC. 71,376	1,134,431	18,128	94,932	1,162,403
MINN. 670	9,021	530	835	14,964
MISS. 39,490	590,037	20,021	73,090	285,768
MO. 5,319	54,763	3,462	23,036	109,357
MONT. 1,512	32,265	180	1,184	21,670
NEB. 126	1,586	26	26	169
NEV. 4	85			
N. H. 146	1,533	234	122	934
N. J. 45	806	43	91	883
N. M. 2,220	28,071	1,453	2,485	30,829
N. Y. 14,748	251,889	1,661	4,007	71,486
N. C. 88,107	876,167	39,726	169,934	651,567
N. D. 84	710	103	399	5,543
OHIO 506	7,521	132	323	3,041
OKLA. 455	5,049	1,612	6,245	33,282
PENN. 482	6,363	128	87	989
ORE. 1,304	22,615	155	436	9,344
R. I. 45	910	18	4	73
S. C. 145,070	1,162,705	35,660	265,632	711,853
S. D. 87	452	89	1,783	10,598
TEN. 82,841	760,663	10,175	36,640	133,924
TEX. 33,974	333,462	10,296	46,777	254,361
UTAH. 143	2,694	55	126	3,222
VT. 408	6,945	121	127	1,262
VA. 22,206	219,142	4,462	12,091	66,488
WASH. 357	91,899	915	3,196	91,032
W. VA. 323	3,613	93	232	1,490
WIS. 68,817	1,098,819	15,950	78,017	1,165,055
WYO. 13	232	18	326	9,231
Total 968,270		261,231		7,129,294
Total.	9,440,210		1,305,099	

The Yield of Flaxseed, 1916.

State.	Yield, Acre, Bushels.	Pro- duction, Bushels.	Acre- age Planted.	Pro- duction, Bushels.
COLO.	9.6	6,000	3,000	25,000
IOWA	10.0	180,000	19,000	210,000
KAS.	5.8	174,000	34,000	248,000
MINN.	8.5	2,338,000	289,000	2,751,000
MO.	7.0	35,000	6,000	56,000
MONT.	9.5	3,088,000	422,000	1,924,000
NEB.	8.0	32,000	5,000	41,000
N. D.	10.3	8,137,000	964,000	4,643,000
S. D.	9.3	1,395,000	195,000	1,418,000
WIS.	12.0	60,000		
WYO.	7.0	14,000	2,000	19,000
U. S.	9.6	15,459,000	1,939,000	11,335,000

Production of Edible Beans.

Growing edible beans, such as navy beans, is largely confined to three states, but all states grow some. In 1899 Florida produced 176,304 bushels, but ten years later the production was only 31,835 bushels. The state of Maine also decreased from 137,290 bushels to 87,565 bushels. On the other hand, New Mexico, Colorado, Idaho, Minnesota and Wisconsin made good gains.

1899. Acre- age.	1899. Bushels.	1909. Farms.	1909. Acre- age.	1909. Bushels.
State.				
ALA. 1,765	17,865	647	1,557	15,212
ARIZ. 805	6,673	776	2,301	18,457
ARK. 1,490	15,582	538	819	4,080
CAL. 45,861	658,515	3,054	157,987	3,328,218
COLO. 2,634	28,570	1,387	5,040	53,926
CONN. 341	6,428	717	208	2,845
DEL. 100	1,333	102	55	648
D. C.				
FLA. 9,189	176,304	424	2,647	31,835
GA. 1,927	17,489	1,329	2,947	16,546
IDA. 457	5,886	293	1,915	33,816
ILL. 3,451	30,132	627	1,153	6,866
IND. 2,990	30,171	1,982	1,721	15,238
IA. 2,427	24,903	973	615	5,699
KAS. 848	7,284	58	70	636
KY. 5,623	49,106	14,248	12,434	70,557
LA. 335	3,371	78	311	5,557
ME. 10,252	137,290	15,788	10,341	87,565
MD. 605	4,754	312	196	1,833
MASS. 629	7,939	1,252	446	4,979
MIC. 167,025	1,806,413	55,466	403,669	5,282,511
MINN. 3,290	36,317	4,587	4,697	62,822
MISS. 1,149	11,162	351	1,092	8,727
MO. 4,376	45,467	2,391	1,281	9,385
MONT. 101	1,110	140	342	2,958
NEB. 887	7,669	784	1,173	5,941
NEV. 33	536	15	14	222
N. H. 2,892	29,990	5,523	3,180	22,546
N. J. 201	2,888	291	403	2,947
N. M. 3,349	36,022	4,593	20,766	85,795
N. Y. 129,298	1,360,445	29,181	115,698	1,681,506
N. C. 5,381	49,518	6,574	5,521	35,937
N. D. 270	2,389	394	544	5,073
OHIO 1,828	19,042	2,108	1,139	13,665
OKLA. 755	6,130	224	575	2,520
ORE. 841	11,077	675	562	8,032
PENN. 2,182	23,957	3,326	1,269	12,021
R. I. 216	3,330	252	54	817
S. C. 1,657	14,925	517	1,528	6,825
S. D. 397	4,218	659	809	5,285
TENN. 5,563	48,736	5,312	3,398	19,526
TEX. 2,878	28,129	607	1,846	12,895
UTAH. 176	1,806	208	196	3,352
VT. 2,404	27,172	2,752	2,390	26,359
VA. 6,411	56,189	7,660	4,777	29,435
WASH. 296	3,830	266	353	3,311
W. VA. 5,221	52,815	8,626	8,111	39,794
WIS. 12,989	143,182	5,656	14,574	154,570
WYO. 26	285	211	273	1,876
Total 453,841		185,934		11,251,160
Total	5,064,490		802,991	

FLAX SEED CROP—1917.

In 1917 the acreage was large, compared with former years, but the crop was small. It was practically a third of a crop, and entirely due to adverse conditions, which farmers could not overcome.

State.	Flax Seed Acre.	Planted Acre.	Per Acre.	Produc- tion, Bushels.
COLO.		2,000	7.0	14,000
IOWA		12,000	11.0	132,000
KAS.		34,000	7.0	238,000
MINN.		220,000	9.0	1,980,000
MO.		6,000	8.5	51,000
MONT.		422,000	3.0	1,266,000
NEB.		5,000	5.5	28,000
N. D.		965,000	3.9	3,764,000
S. D.		140,000	7.0	980,000
WYO.		3,000	6.5	20,000
U. S.		1,809,000	4.7	8,473,000

Wheat and rye now planted are subjects of two interesting tables in this publication.

Broom Corn Production.

In the year 1879 broom corn production was 29,470,825 pounds, and Illinois grew 11,645,101 pounds and Kansas came next with 5,683,018 pounds. In 1889 production was 38,556,329 pounds. Illinois produced 15,932,502 pounds, Kansas following with 10,809,434 pounds and Nebraska next with 6,514,763 pounds. In 1899 production was 90,947,370 pounds. Illinois produced 60,665,520 pounds, Kansas 11,813,310 pounds and Oklahoma 3,565,510 pounds. In the year 1909 total production was 78,959,958 pounds. Oklahoma produced 42,741,725 pounds, Illinois next with 19,309,425 pounds, and Kansas next with 8,768,853 pounds. We herewith present statement of production by states the last census year.

State.	1910.		Production, Pounds.	Value, Dollars.
	Farms Re- port- ing.	Acreage.		
ALA.	145	52	17,910	1,563
ARIZ.	1	14	6,000	400
ARK.	294	332	106,576	8,198
CAL.	24	1,023	614,250	32,500
COLO.	240	5,631	1,187,791	71,717
CONN.	2	.....	150	14
DEL.	21	13	4,198	492
GA.	8	22	7,067	694
ILL.	1,851	38,452	19,309,425	1,457,172
IND.	335	323	153,259	13,461
IA.	49	156	75,370	6,670
KAS.	1,728	41,064	8,768,853	593,947
KY.	1,041	342	157,286	13,641
LA.	263	320	92,208	7,285
MD.	291	19	18,599	2,009
MASS.	9	2	2,160	168
MICH.	9	4	2,200	233
MINN.	13	13	10,259	738
MISS.	43	154	60,574	5,548
MO.	1,225	5,339	1,174,536	115,243
NEB.	51	458	157,146	11,116
N. J.	10	11	6,760	658
N. M.	368	4,470	644,892	33,492
N. Y.	10	2	1,001	97
N. C.	128	15	6,493	549
N. D.	3	18	7,250	725
OHIO.	383	170	92,292	9,116
OKLA.	10,151	216,350	42,741,725	2,559,235
PENN.	727	108	45,582	5,233
S. C.	3	2	650	63
S. D.	14	64	35,400	3,403
TENN.	2,220	1,348	347,064	27,733
TEX.	531	9,448	2,368,490	140,533
UTAH	1	.....	200	12
VA.	666	107	46,016	3,586
WASH.	5	183	45,040	2,905
W. VA.	397	45	30,456	3,229
WIS.	12	28	14,830	1,026
Total	23,238	326,102	78,959,958	5,134,434

BROOM CORN YIELD.

The following is the Agricultural Department yield of broom corn for the years 1915, 1916 and 1917:

State.	1915. 1916. 1917.		
	Tons.	Tons.	Tons.
ILL.	6,672	6,681	8,250
KAS.	4,665	5,943	12,000
TEXAS.	1,595	847	688
OKLA.	34,760	22,420	26,250
COLO.	4,550	2,835	4,650
Total	52,242	38,726	51,838

California has made a remarkable record in growing beans—8,035,000 bushels in 1917, against 3,868,000 bushels in 1915.

BROOM CORN CROP OF 1917.

The five states growing broom corn produced 51,838 tons in the year 1897, of which Oklahoma produced more than half. Kansas also is becoming important in growing broom corn.

State.	Yield		Pro- duction, Tons.
	Planted, Acres.	Per Acre.	
ILL.	30,000	0.275	8,250
KAS.	60,000	.200	12,000
TEAS.	4,000	.172	688
OKLA.	175,000	.150	26,250
COLO.	30,000	.155	4,650
Total	299,000	0.173	51,838

Hops in the United States.

Hop growing in the United States is not a general industry, but the product has increased in value, so that the hop grower has a rich reward so long as it lasts. In 1879 the acreage was 46,800 and the production 26,546,378 pounds. In 1899 the acreage was 50,190 and the production was 39,152,220 pounds. In 1899 there were 7,633 farms reporting hop growing; the acreage was 56,613 and the production 49,209,704 pounds. In the year of the last census, 1909, only 3,957 farms reported growing hops; the acreage was reduced to 44,693 and the production was 40,718,748 pounds. The table compares the year 1899 with 1909.

State.	1899.		1899. Pro- duction.	1909. Pro- duction.
	Acre- age.	Acre- age.		
ALA.	1	2	440	100
ARIZ.	1	.....	600	.....
ARK.	1	.....	530	.....
CALIF.	6,890	8,391	10,124,690	11,994,953
CONN.	.....	.....	.....	15
DEL.	.....	1	.....	28
IDAHO	63	.....	58,870	110
ILL.	2	.....	690	86
IND.	1	.....	640	56
IOWA.	.....	.....	120	2,625
KAS.	.....	.....	.....	10
KY.	4	6	1,688	4,005
LA.	.....	.....	.....	5
MD.	.....	7	230	461
MASS.	13	.....	7,480	20
MICH.	10	.....	3,560	58
MINN.	.....	.....	51	372
MISS.	.....	.....	15	.....
MO.	1	2	383	296
NEB.	.....	.....	50	104
NEV.	.....	.....	100	.....
N. H.	.....	.....	60	.....
N. J.	.....	.....	75	38
N. Y.	27,532	12,023	17,332,349	8,677,138
N. C.	.....	1	85	763
OHIO.	3	18	2,910	2,428
ORE.	15,433	21,770	14,675,557	16,582,562
PENN.	13	.....	13,710	2,205
R. I.	.....	.....	40	.....
S. D.	.....	.....	50	.....
TENN.	.....	.....	307	220
VT.	6	.....	4,400	.....
VA.	.....	6	165	4,039
WASH.	5,296	2,433	6,813,830	3,432,504
W. VA.	1	.....	662	237
WIS.	342	30	165,346	13,290
Total	55,613	44,693	49,209,704	40,718,748

HOPS, 1917.

State.	Yield		Pro- duction, Pounds.
	Acres Planted.	Per Acre.	
N. Y.	4,500	640	2,880,000
WASH.	3,500	1,200	4,200,000
ORE.	10,000	500	5,000,000
CALIF.	11,900	1,320	15,788,000
Total	29,900	9,294	27,788,000

LIVE STOCK ON FARMS.**Totals For Census Years and Showing Comparisons From Year to Year.**

These figures represent the number of horses, mules, dairy cows, stockers and beef cattle, sheep and swine, as shown by the Census of 1900 and 1910 and estimated since then by the United States Department of Agriculture:

Date.	Number.
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DAIRY COWS IN THE U. S.

Census, 1850...	6,385,094
Census, 1860...	8,585,735
Census, 1870...	8,935,332
Census, 1880...	12,443,120
Census, 1890...	16,511,950
Census, 1900...	17,139,674
Census, 1910...	20,625,000
Jan. 1, 1911...	20,823,000
Jan. 1, 1912...	20,699,000
Jan. 1, 1913...	20,497,000
Jan. 1, 1914...	20,737,000
Jan. 1, 1915...	21,262,000
Jan. 1, 1916...	22,108,000
Jan. 1, 1917...	22,894,000
Jan. 1, 1918...	23,284,000

STOCKERS AND BEEF CATTLE.

Census, 1850...	4,393,813
Census, 1860...	17,034,284
Census, 1870...	14,885,276
Census, 1880...	23,382,391
Census, 1890...	34,851,622
Census, 1900...	50,682,662
Census, 1910...	41,178,000
Jan. 1, 1911...	39,679,000
Jan. 1, 1912...	37,260,000
Jan. 1, 1913...	36,030,000
Jan. 1, 1914...	35,855,000
Jan. 1, 1915...	37,067,000
Jan. 1, 1916...	39,812,000
Jan. 1, 1917...	41,689,000
Jan. 1, 1918...	43,546,000

TOTAL CATTLE IN THE U. S.

Census, 1850...	10,778,907
Census, 1860...	25,620,019
Census, 1870...	23,820,608
Census, 1880...	35,825,511
Census, 1890...	51,363,572
Census, 1900...	67,822,336
Census, 1910...	61,803,000
Jan. 1, 1911...	60,502,000
Jan. 1, 1912...	57,959,000
Jan. 1, 1913...	56,527,000
Jan. 1, 1914...	56,592,000
Jan. 1, 1915...	58,329,000
Jan. 1, 1916...	61,920,000
Jan. 1, 1917...	64,583,000
Jan. 1, 1918...	66,830,000

SWINE IN THE U. S.

Census, 1850...	30,354,213
Census, 1860...	33,512,867
Census, 1870...	25,134,569

SWINE—Continued.

Census, 1880...	47,681,700
Census, 1890...	57,425,287
Census, 1900...	62,876,108
Census, 1910...	58,186,000
Jan. 1, 1911...	65,260,000
Jan. 1, 1912...	65,410,000
Jan. 1, 1913...	61,178,000
Jan. 1, 1914...	58,933,000
Jan. 1, 1915...	64,618,000
Jan. 1, 1916...	67,766,000
Jan. 1, 1917...	67,503,000
Jan. 1, 1918...	71,374,000

SHEEP IN THE U. S.

Census, 1850...	21,723,220
Census, 1860...	22,471,275
Census, 1870...	28,477,957
Census, 1880...	35,192,074
Census, 1890...	40,876,312
Census, 1890...	60,503,713
Census, 1910...	52,448,000
Jan. 1, 1911...	53,633,000
Jan. 1, 1912...	52,362,000
Jan. 1, 1913...	51,482,000
Jan. 1, 1914...	49,719,000
Jan. 1, 1915...	49,956,000
Jan. 1, 1916...	48,625,000
Jan. 1, 1917...	47,616,000
Jan. 1, 1918...	48,900,000

HORSES IN THE U. S.

Census, 1850...	4,336,719
Census, 1860...	6,249,174
Census, 1870...	7,145,370
Census, 1880...	10,357,488
Census, 1890...	15,258,783
Census, 1900...	18,250,000
Census, 1910...	19,833,000
Jan. 1, 1911...	20,277,000
Jan. 1, 1912...	20,509,000
Jan. 1, 1913...	20,567,000
Jan. 1, 1914...	20,962,000
Jan. 1, 1915...	21,195,000
Jan. 1, 1916...	21,159,000
Jan. 1, 1917...	21,210,000
Jan. 1, 1918...	21,563,000

MULES IN THE U. S.

Census, 1850...	559,331
Census, 1860...	1,151,148
Census, 1870...	1,215,415
Census, 1880...	1,812,808
Census, 1890...	2,314,785
Census, 1900...	3,271,121
Census, 1910...	4,210,000
Jan. 1, 1911...	4,323,000
Jan. 1, 1912...	4,362,000
Jan. 1, 1913...	4,386,000
Jan. 1, 1914...	4,419,000
Jan. 1, 1915...	4,479,000
Jan. 1, 1916...	4,593,000
Jan. 1, 1917...	4,723,000
Jan. 1, 1918...	4,824,000

Dairy Cows—Increase and Decrease.

The tabulated statement herewith represents the estimate by the United States Department of Agriculture of the number of dairy cows in the United States on January 1st, 1918. As a matter of interest we have calculated the number gained and the number lost since the census enumeration of 1910. There is also the table for 1918 upon which the calculation is based.

1918. Since 1910.			
State.	Dairy Cows.	Increase.	Decrease.
ALA.	433,000	41,000	
ARIZ.	87,000	58,000	
ARK.	425,000		1,000
CALIF.	597,000	130,000	
COLO.	254,000	109,000	
CONN.	116,000		7,000
DEL.	43,000	7,000	
FLA.	145,000	39,000	
GA.	435,000	29,000	
IDAHO.	139,000	44,000	
ILL.	1,057,000	7,000	
IND.	713,000	79,000	
IOWA.	1,405,000		2,000
KAS.	945,000	209,000	
KY.	435,000	25,000	
LA.	324,000	45,000	
MAINE.	170,000	13,000	
MD.	181,000	24,000	
MASS.	154,000		18,000
MICH.	874,000	107,000	
MINN.	1,328,000	243,000	
MISS.	508,000	78,000	
MO.	910,000	54,000	
MONT.	179,000	102,000	
NEB.	703,000	89,000	
NEV.	28,000	11,000	
N. H.	102,000	1,000	
N. J.	152,000		2,000
N. M.	88,000	37,000	
N. Y.	1,524,000	14,000	
N. C.	309,000		
N. D.	434,000	175,000	
OHIO.	940,000	35,000	
OKLA.	562,000	31,000	
OREGON.	227,000	54,000	
PENN.	960,000	26,000	
R. I.	21,000		2,000
S. C.	193,000	12,000	
S. D.	555,000	185,000	
TENN.	373,000		24,000
TEX.	1,128,000	114,000	
UTAH.	96,000	20,000	
VT.	295,000	30,000	
VA.	377,000	21,000	
WASH.	266,000	80,000	
W. VA.	245,000	5,000	
WIS.	1,785,000	312,000	
WYO.	64,000	31,000	
U.S.,	23,284,000;	in 1910, 20,625,000	
Increase since then.		2,659,000	

Other and Beef Cattle.

This table shows the number of cattle in the United States, independent of the dairy cows. Beef cows, calves, yearlings and two-year-olds come under this classification. The estimate is dated January 1, 1918, and there is considerable gain in numbers since the last United States census was taken in 1910. We show the increase and decrease in each state since the census.

State.	Cattle.	Increase.	Decrease.
ALA.	668,000	128,000	
ARIZ.	1,037,000	241,000	
ARK.	638,000	36,000	
CALIF.	1,701,000	91,000	
COLO.	1,272,000	289,000	
CONN.	78,000	6,000	
DEL.	23,000	4,000	
FLA.	891,000	162,000	
GA.	755,000	81,000	
IDAHO.	488,000	120,000	
ILL.	1,314,000		77,000
IND.	757,000	28,000	
IOWA.	2,919,000		132,000
KAS.	2,354,000	11,000	
KY.	581,000		10,000
LA.	578,000	52,000	
MAINE.	127,000	27,000	
MD.	134,000	13,000	
MASS.	97,000	17,000	
MICH.	752,000	21,000	
MINN.	1,540,000	278,000	
MISS.	644,000	61,000	
MO.	1,782,000	77,000	
MONT.	980,000	114,000	
NEB.	2,803,000	515,000	
NEV.	517,000	84,000	
N. H.	71,000	4,000	
N. J.	74,000	5,000	
N. M.	1,179,000	148,000	
N. Y.	1,005,000	92,000	
N. C.	375,000	17,000	
N. D.	650,000	165,000	
OHIO.	954,000	21,000	
OKLA.	1,404,000		19,000
ORE.	683,000	131,000	
PENN.	717,000	64,000	
R. I.	12,000	1,000	
S. C.	232,000	14,000	
S. D.	1,438,000	273,000	
TENN.	554,000		46,000
TEX.	4,660,000		1,261,000
UTAH.	457,000	121,000	
VT.	189,000	24,000	
VA.	510,000	7,000	
WASH.	294,000	78,000	
W. VA.	373,000		7,000
WIS.	1,394,000	187,000	
WYO.	891,000	157,000	
U. S.,	43,546,000		
1910.	41,178,000	Increase,	2,368,000

Salads, carrots and other edible roots were first produced in England about the year 1530.

Increased production will win the war, and nothing else will do it.

Be sure to buy a Liberty Bond.

Hogs in the United States, 1918.

The hog increase since the census year 1910 stands out like a miracle, because the gain is over and above an immense marketing of hogs. Forty-six states increased in hog raising, with Iowa in the lead, the increase in that one state since the census year being 2,761,000 hogs. Kansas decreased 440,000 hogs, and Oklahoma decreased 620,000 hogs since the census year of 1910.

State.	1918. Swine.	Since 1910. In- crease.	Since 1910. De- crease.
ALA..	2,128,000	861,000	
ARIZ.	64,000	47,000	
ARK.	1,643,000	124,000	
CALIF.	974,000	207,000	
COLO.	356,000	177,000	
CONN.	64,000	12,000	
DEL.	64,000	15,000	
FLA..	1,375,000	565,000	
GA....	2,766,000	982,000	
IDAHO.	219,000	32,000	
ILL..	5,111,000	425,000	
IND..	4,168,000	553,000	
IOWA	10,307,000	2,761,000	
KAS..	2,566,000		440,000
KY...	1,716,000	324,000	
LA...	1,568,000	240,000	
MAINE.	100,000	13,000	
MD...	388,000	86,000	
MASS.	113,000	10,000	
MICH.	1,372,000	136,000	
MINN.	2,241,000	721,000	
MISS.	1,902,000	610,000	
MO...	4,708,000	270,000	
MONT.	215,000	116,000	
NEB..	4,200,000	764,000	
NEV..	37,000	14,000	
N.)H.	56,000	11,000	
N. J..	174,000	27,000	
N. M..	86,000	40,000	
N. Y..	842,000	17,600	
N. C..	1,464,000	236,000	
N. D..	507,000	175,000	
OHIO.	3,774,000	668,000	
OKLA.	1,219,000		620,000
OREGON.	309,000	91,000	
PENN.	1,291,000	313,000	
R. I..	16,000	2,000	
S. C..	966,000	301,000	
S. D..	1,504,000	494,000	
TENN.	1,634,000	246,000	
TEXAS.	3,068,000	832,000	
UTAH.	102,000	42,000	
VT...	120,000	25,000	
VA...	1,105,000	307,000	
WASH.	283,000	77,000	
W. VA.	422,000	94,000	
WIS..	2,019,000	210,000	
WYO.	54,000	20,000	
1910..	58,186,000		
U. S...	71,374,000	13,188,000	

Increased production will win the war, and nothing else will do it.

Sheep in the United States, 1918.

This particular statement is the estimate of the United States Department of Agriculture of the number of sheep in the United States, January, 1918. We have added to it by making a statement showing the increase or decrease by states since the enumeration by the census of the year 1910.

State.	1918.	Since 1910.	Since 1910.
	Sheep.	Increase.	Decrease.
ALA...	131,000		12,000
ARIZ..	1,550,000	323,000	
ARK..	149,000	5,000	
CALIF.	2,776,000	359,000	
COLO..	2,086,000	660,000	
CONN..	20,000		2,000
DEL...	10,000	2,000	
FLA...	120,000	6,000	
GA...	144,000		44,000
IDAHO	3,302,000	191,000	
ILL...	988,000		72,000
IND...	998,000		339,000
IOWA..	1,224,000	78,000	
KAS...	418,000	146,000	
KY....	1,270,000		93,000
LA...	209,000	31,000	
MAINE.	163,000		43,000
MD....	234,000		3,000
MASS..	28,000		5,000
MICH..	1,926,000		380,000
MINN..	568,000		70,000
MISS..	174,000		21,000
MO....	1,466,000		345,000
MONT.	3,045,000		2,336,000
NEB...	408,000	114,000	
NEV...	1,630,000	475,000	
N. H...	37,000		7,000
N. J...	26,000		5,000
N. M...	3,135,000		212,000
N. Y...	840,000		90,000
N. C...	137,000		77,000
N. D...	252,000		41,000
OHIO..	3,091,000		818,000
OKLA..	208,000	146,000	
ORE...	2,448,000		151,000
PENN.	913,000	30,000	
R. I...	6,000		1,000
S. C...	31,000		7,000
S. D...	750,000	139,000	
TENN..	606,000		89,000
TEXAS	2,188,000		379,000
UTAH.	2,340,000	513,000	
VT...	106,000		13,000
VA...	686,000		119,000
WASH.	661,000	185,000	
W. VA.	751,000		159,000
WIS...	651,000		279,000
WYO...	4,100,000		1,297,000
1918 U. S.,	48,900,000;	U. S. 1910,	
52,444,000;	decrease,	3,544,000.	

In 1535, when the French navigator Cartier visited the country which is now called Montreal, he found the town was situated in the midst of extensive corn fields.

Be sure to buy a Liberty Bond.

Horses in the U. S., 1918.

The following tabulated statement represents the estimate of the United States Department of Agriculture of the number of horses in the United States on January 1st, 1918. To these government figures we have made a calculation, showing the increase or decrease in each state from the figures of the 1910 census.

State.	1918. Horses.	Since 1910. In- crease.	Since 1910. De- crease.
ALA.....	153,000	17,000	.....
ARIZ.....	135,000	35,000	.....
ARK.....	275,000	20,000	.....
CALIF..	468,000	.....	1,000
COLO....	399,000	105,000	.....
CONN....	45,000	.....	1,000
DEL.....	36,000	3,000	.....
FLA.....	62,000	16,000	.....
GA.....	130,000	10,000	.....
IDAHO..	258,000	60,000	.....
ILL.....	1,467,000	14,000	.....
IND.....	837,000	23,000	.....
IOWA...	1,583,000	91,000	.....
KAS.....	1,142,000	.....	5,000
KY.....	443,000	.....	.....
LA.....	207,000	26,000	.....
MAINE..	109,000	1,000	.....
MD.....	171,000	15,000	.....
MASS....	57,000	.....	7,000
MICH....	680,000	70,000	.....
MINN....	944,000	191,000	.....
MISS....	253,000	37,000	.....
MO.....	1,040,000	.....	33,000
MONT....	506,000	190,000	.....
NEB.....	1,049,000	41,000	.....
NEV.....	75,000	7,000	.....
N. H....	45,000	.....	1,000
N. J....	90,000	1,000	.....
N. M....	272,000	93,000	.....
N. Y....	597,000	6,000	.....
N. C....	187,000	21,000	.....
N. D....	842,000	191,100	.....
OHIO....	883,000	.....	27,000
OKLA....	737,000	.....	6,000
OREGON.	309,000	37,000	.....
PENN....	590,000	40,000	.....
R. I....	8,000	.....	1,000
S. C....	85,000	5,000	.....
S. D....	811,000	142,000	.....
TENN....	350,000	.....	.....
TEXAS..	1,212,000	42,000	.....
UTAH....	145,000	29,000	.....
VT.....	89,000	8,000	.....
VA.....	365,000	35,000	.....
WASH...	309,000	28,000	.....
W. VA...	196,000	16,000	.....
WIS.....	708,000	93,000	.....
WYO....	209,000	53,000	.....

1918 U.S. 21,563,000 1,730,000
1910 U.S. 19,833,000

Be sure to buy a Liberty Bond.

A Liberty Bond at 4 1/4 per cent. is a slashing good investment.

Mules on Farms, 1918.

The following tabulation shows the estimate of the number of mules in the United States on January 1st, 1918, together with comparisons since the census of 1910. The comparisons show a decided increase in the number of mules, notwithstanding the exports have been very large.

State.	1918. Mules.	Since 1910. In- crease.	Since 1910. De- crease.
ALA.....	289,000	42,000	.....
ARIZ.....	9,000	5,000	.....
ARK.....	263,000	41,000	.....
CALIF....	66,000	.....	4,000
COLO....	26,000	11,000	.....
DEL.....	6,000	.....	.....
FLA.....	33,000	10,000	.....
GA.....	334,000	39,000	.....
IDAHO....	4,000	.....	.....
ILL.....	150,000	2,000	.....
IND.....	95,000	13,000	.....
IOWA....	60,000	13,000	.....
KAS.....	280,000	72,000	.....
KY.....	224,000	.....	1,000
LA.....	156,000	24,000	.....
MD.....	25,000	2,000	.....
MICH....	4,000	.....	.....
MINN....	6,000	.....	.....
MISS....	307,000	51,000	.....
MO.....	367,000	24,000	.....
MONT....	5,000	1,000	.....
NEB.....	118,000	35,000	.....
NEV.....	3,000	.....	.....
N. J....	4,000	.....	.....
N. M....	19,000	4,000	.....
N. Y....	5,000	.....	.....
N. C....	207,000	32,000	.....
N. D....	9,000	1,000	.....
OHIO....	26,000	3,000	.....
OKLA....	276,000	19,000	.....
OREGON..	10,000	.....	.....
PENN....	48,000	4,000	.....
S. C....	179,000	23,000	.....
S. D....	16,000	4,000	.....
TENN....	273,000	.....	3,000
TEXAS..	508,000	122,000	.....
UTAH....	2,000	.....	.....
VA.....	65,000	5,000	.....
WASH....	19,000	7,000	.....
W. VA...	12,000	.....	.....
WIS.....	3,000	.....	.....
WYO.....	4,000	2,000	.....

U. S. 1918. 4,824,000 614,000
Census 1910. 4,210,000

In the year 1535 King Henry, VIII., of England, had laws passed for selection and mating for the improvement of horses, and to eliminate scrubs.

Konrad von Gessner, an eminent Swiss naturalist, established a garden of fruits and flowers in 1551. He published a history of annuals and classification of plants.

Chickens and Turkeys.

In the year 1900, in the United States, there were 233,566,021 chickens counted by the census enumerators, and in 1910 the number of chickens was increased to 280,345,133. In the year 1910 chickens were raised on 5,578,525 farms, which is 87.7 per cent. of all farms. In the year 1900 there were 6,594,695 turkeys in the United States, but in 1910 the number was reduced to 3,668,708. In the year 1910 turkeys were on 871,123 farms, which is 13.7 per cent. of all farms.

State.	Farms Report- ing.	Chickens, Number.	Farms Report- ing.	Turkeys, Number.
ALA...	221,103	4,539,066	22,350	84,487
ARIZ...	5,020	252,657	836	5,498
ARK...	183,480	5,182,670	20,955	83,550
CALIF.	66,063	5,666,054	11,927	116,602
COLO.	34,433	1,644,578	5,692	26,430
CONN.	23,163	1,218,128	905	3,911
DEL...	10,000	785,591	2,119	8,181
D. C...	159	7,405	6	29
FLA...	40,637	1,230,680	4,077	22,871
GA...	244,453	4,890,069	23,128	79,634
IDAHO	23,412	1,012,431	2,975	14,274
ILL...	237,074	20,563,890	43,326	189,418
IND...	202,321	13,216,152	48,180	202,977
IA...	204,574	22,691,670	26,866	124,164
KAS...	162,094	15,266,250	23,796	104,421
KY...	231,031	8,000,457	46,920	188,292
LA...	98,304	3,259,087	12,473	53,251
ME...	46,185	1,704,900	915	2,948
MD...	46,008	2,650,750	14,728	60,260
MASS...	46,008	2,650,750	14,728	60,260
MICH.	28,021	1,710,989	692	2,645
MINN.	189,320	9,698,439	20,710	81,263
MISS.	142,582	10,293,849	31,750	147,335
MO...	221,153	4,563,464	27,226	92,448
MONT.	259,457	19,910,562	67,522	311,575
NEB...	17,595	922,540	3,481	16,475
NEV...	115,512	9,010,945	8,292	32,364
N. H...	1,977	726,599	478	2,833
N. J...	20,868	903,413	489	1,949
N. M...	30,078	2,012,842	2,379	31,773
N. Y...	19,496	509,893	1,597	7,308
N. Y...	192,848	7,312,386	25,064	104,957
N. C...	223,158	4,566,928	16,690	70,009
N. D...	61,452	3,095,026	14,400	62,261
OHIO...	253,611	9,011,144	43,019	162,664
OKLA.	168,464	8,014,945	27,929	120,324
ORE...	37,080	1,753,732	4,434	26,689
PENN.	205,032	11,896,124	40,126	136,942
R. I...	4,315	392,704	161	1,109
S. C...	146,487	2,694,970	19,454	64,396
S. D...	61,492	4,924,349	10,832	51,992
TENN.	222,148	7,341,473	32,016	118,514
TEX...	356,877	12,719,592	76,429	363,666
UTAH...	17,424	673,662	1,684	7,996
VT...	27,464	911,771	2,456	11,693
VA...	169,391	5,684,703	39,024	148,386
WASH.	44,867	2,204,171	3,557	16,049
W. VA.	89,099	3,106,907	18,762	71,072
WIS...	163,043	9,142,719	15,764	65,020
WYO...	7,047	324,984	1,333	5,883

Total. 5,578,525 280,345,133 871,123 3,668,708

Ducks and Geese.

In the year 1900 the enumerators of the census reported 4,785,850 ducks in the United States, but in 1910 the number was reduced to 2,906,525. In 1910 there were 503,704 farms raising ducks, which is 7.9 per cent. of all farms. In 1910 the total of geese was 5,676,788 and the total of 1910 was 4,431,980, there being 662,324 farms raising geese, which is 10.4 per cent. of all farms. Herewith we present the statement of ducks and geese according to the last census.

State.	Farms Report- ing.	1910. Number of Ducks.	Farms Report- ing.	Number of Geese.
ALA...	10,094	59,227	17,992	142,519
ARIZ...	295	1,824	87	701
ARK...	18,323	109,483	38,095	343,995
CALIF.	3,606	40,061	760	14,195
COLO.	2,486	12,250	1,053	4,455
CONN.	1,748	9,813	958	4,200
DEL...	1,884	9,790	1,019	5,111
D. C...				
FLA...	823	6,218	2,985	29,556
GA...	7,515	42,221	18,194	171,635
IDAHO	1,790	8,900	8,842	8,842
ILL...	37,433	201,505	42,763	226,546
IND...	19,427	121,306	21,734	139,081
IOVA.	40,771	225,284	44,495	215,221
KAS...	18,417	114,032	17,466	95,222
KY...	16,651	98,706	43,380	399,932
LA...	7,671	51,473	14,167	121,534
ME...	1,519	6,311	1,057	4,021
MD...	8,753	50,232	4,909	23,606
MASS...	1,888	23,153	896	12,313
MICH.	14,214	54,723	18,180	66,792
MINN.	23,692	94,269	27,866	105,161
MISS.	10,118	44,228	28,613	236,791
MO...	25,047	153,129	44,777	365,866
MONT.	1,630	8,243	7,013	7,013
NEB...	17,672	92,524	20,604	89,128
NEV...	221	1,139	510	1,510
N. H...	694	3,572	356	1,430
N. J...	3,972	39,441	1,900	9,466
N. M...	557	2,693	151	779
N. Y...	16,604	166,488	7,647	29,310
N. C...	13,396	75,786	29,189	238,205
N. D...	10,131	39,938	8,009	30,456
OHIO...	21,288	106,958	24,121	112,706
OKLA.	16,462	112,881	13,824	113,594
ORE...	1,976	10,757	7,402	14,109
PENN.	23,502	163,777	13,842	46,321
R. I...	458	4,519	266	2,725
S. C...	3,633	15,653	8,125	59,664
S. D...	16,281	87,544	13,623	59,991
TENN.	21,922	142,292	41,906	366,687
TEX...	14,007	74,910	26,809	244,997
UTAH...	891	3,782	609	2,938
VT...	1,232	4,561	677	2,505
VA...	16,561	94,451	12,460	79,093
WASH.	2,558	13,179	586	14,858
W. VA.	6,776	35,576	10,447	72,972
WIS...	16,434	61,180	25,287	93,732
WYO...	744	3,411	1,708	1,708

Total. 503,704 2,906,525 662,324 4,431,980

According to C. L. Bonaparte, in his Natural History of Birds, turkeys arrived in England in 1524 from Spain. Although turkeys were originally from the American islands and continent, the English supposed or were told the birds were originally from Turkey, which gave them a satisfactory name, although they were not entitled to it. At this time all commerce between America and Europe was with Spain.

The strawberry was introduced into the gardens of England from Flanders in the year 1530.

Hemp Production, 1915, 1916, 1917.

Hemp production for the present year is fine. The acreage is 86 per cent. greater than last year. Only two states produce any quantity of hemp, but they are doing good business. This year we have double an average crop:

State.	1915. Pounds.	1916. Pounds.	1917. Pounds.
KY.....	9,637,000	12,250,000	18,000,000
WIS.....	630,000	1,381,000	7,224,000

Total Above 10,267,000 13,631,000 25,224,000

In England, owing to large numbers of sheep having come into few persons' hands, a penalty was imposed on all who kept above 2,000 sheep. This was in the year 1534.

Cattle Sold and Slaughtered.

Once in ten years we are able to make an examination of the number of live stock sold from the farms of the United States. This tabulation is for cattle only, not including calves, but including dry dairy cows and worn-out oxen when sold. There is also an enumeration, state by state, showing the number of cattle slaughtered on the farms. The statement is for the last census year, when there were 20,625,000 dairy cows and 41,178,000 other cattle in the United States.

State.	Farms Report-ing.	Cattle Sold.	Farms Report-ing.	Cattle Slaugh-tered.
ALA....	48,398	198,226	15,800	42,964
ARIZ....	1,988	146,852	942	10,773
ARK....	62,031	379,676	11,189	38,088
CALIF..	19,775	548,976	4,054	36,319
COLO..	11,073	437,215	5,467	26,818
CONN..	7,979	56,564	1,743	8,756
DEL....	1,805	7,070	150	551
D. COL.	37	344	2	8
FLA....	6,015	60,773	3,359	22,012
GA....	32,467	112,127	10,560	37,605
IDAHO	7,320	145,948	3,395	12,216
ILL....	106,050	1,029,835	19,120	38,466
IND....	82,019	463,825	14,877	27,122
IOWA..	128,657	2,130,255	48,883	73,454
KAS....	75,564	1,560,620	18,999	30,660
KY....	74,343	535,429	6,497	19,011
LA....	20,903	139,319	10,215	26,209
ME....	19,842	83,932	4,513	18,755
MD....	11,866	56,863	3,080	5,870
MASS..	9,927	81,661	2,021	13,521
MICH..	82,230	319,063	19,922	43,619
MINN..	79,284	442,034	47,403	79,226
MISS..	46,709	252,773	14,056	34,406
MO....	119,955	1,300,754	18,269	32,059
MONT..	6,275	272,996	4,133	19,755
NEB....	64,123	1,221,743	27,211	42,083
NEV....	981	101,190	810	11,217
N. H....	8,750	54,904	2,104	9,116
N. J....	6,270	30,954	1,377	3,175
N. M....	5,541	306,347	3,937	16,316
N. Y....	82,443	541,265	26,858	68,793
N. C....	49,090	163,015	13,201	36,132
N. D....	24,736	159,392	19,714	31,570
OHIO..	104,220	558,420	30,912	54,400
OKLA..	64,937	939,546	8,808	23,043
ORE....	13,973	249,733	5,946	24,292
PENN..	80,961	368,687	44,877	88,505
R. I....	1,573	11,177	203	6,699
S. C....	19,668	57,301	5,782	17,637
S. D....	32,328	519,607	16,959	28,475
TENN..	85,836	540,891	10,838	33,483
TEX....	117,934	2,535,219	17,248	64,031
UTAH..	5,950	110,780	2,214	8,208
VT....	17,499	145,955	6,450	18,832
VA....	41,915	314,925	8,487	20,058
WASH.	13,335	94,368	7,370	25,087
W. VA.	39,132	257,733	8,226	18,753
WIS....	90,924	417,796	33,169	51,040
WYO....	3,249	198,970	2,059	9,810
Total.	2,035,910	20,572,997	593,285	1,408,619

Potato Harvest Periods.

According to Agricultural Department reports there will be 30,000,000 more bushels of potatoes harvested in July and August, 1917, than last year in same period, and during the balance of the year the increase will be 133,000,000 bushels.

	Harvest Period.		1917 (Forecast.)	
	Per Ct.	1916. Bushels.	Per Ct.	Bushels.
Jan. 1 to June 30.	5.0	14,255,000	4.0	18,279,000
July 1 to Aug. 31.	20.8	59,270,000	19.8	89,424,000
Sept. 1 to Dec. 31.	74.2	211,942,000	76.2	344,014,000
	100.0	285,437,000	100.0	451,717,000

Previous to the year 1850 practically

Calves Sold and Slaughtered.

The enumeration of calves sold from farms and calves slaughtered on farms is the official statement of the last census year. At the time the census was taken the total of all kinds and classes of cattle remaining on farms in the United States was 61,803,000 head, and the total is not far different in the year 1916. It must be remembered that many calves sold by farmers have been matured and fattened for market by other farmers.

State.	Farms Report-ing.	Calves Sold.	Farms Report-ing.	Calves Slaugh-tered.
ALA....	15,349	30,694	4,354	7,872
ARIZ....	659	7,525	171	1,144
ARK....	29,918	86,235	3,028	8,379
CALIF..	16,882	147,467	4,767	50,538
COLO..	4,802	33,934	2,591	11,557
CONN..	9,014	66,477	622	6,915
DEL....	1,481	19,292	54	414
D. COL.	65	416	5	28
FLA....	581	2,537	216	1,569
GA....	19,558	39,507	9,154	22,323
IDAHO	4,113	19,098	1,801	4,789
ILL....	89,410	410,590	11,125	81,079
IND....	83,363	251,470	5,474	21,731
IOWA..	47,028	256,071	7,286	18,235
KAS....	47,826	281,398	7,416	11,536
KY....	53,351	140,896	2,021	4,516
LA....	4,166	15,490	1,040	2,667
ME....	21,607	98,577	2,874	27,396
MD....	22,369	92,359	431	2,110
MASS..	12,412	95,486	995	14,187
MICH..	84,626	293,525	16,091	61,896
MINN..	40,529	176,970	28,204	80,493
MISS..	14,299	32,218	3,227	5,757
MO....	76,353	254,702	4,863	8,779
MONT..	1,687	18,389	1,454	8,748
NEB....	18,056	96,821	3,195	5,458
NEV....	229	3,655	217	1,416
N. H....	9,592	64,347	1,137	10,650
N. J....	16,478	112,885	622	14,025
N. M....	2,619	16,169	1,222	3,658
N. Y....	105,766	814,704	26,604	212,962
N. C....	28,550	52,137	5,964	14,602
N. D....	7,694	22,363	7,992	14,419
OHIO..	100,676	362,046	7,791	31,180
OKLA..	32,735	132,870	3,128	5,715
ORE....	6,181	30,473	9,539	40,756
PENN..	105,371	469,663	14,398	68,936
R. I....	1,395	9,653	56	1,175
S. C....	7,888	14,541	2,461	6,669
S. D....	8,970	48,862	4,326	7,034
TENN..	64,097	114,620	2,916	9,548
TEX....	59,030	512,442	8,500	22,445
UTAH..	5,173	20,754	1,233	5,312
VT....	11,216	102,781	5,147	41,375
VA....	49,124	119,002	2,022	5,086
WASH.	7,035	30,291	10,345	44,238
W. VA.	25,143	58,815	1,282	5,108
WIS....	100,723	517,515	28,716	93,167
WYO....	1,010	13,716	431	1,948
Total.	1,461,173	6,742,748	268,508	1,131,600

all the cheese made in this country was a farm and not a factory product.

EARLY CABBAGE ACREAGE.

The area planted to early cabbage in six Southern States is estimated to be 33,500 acres, as compared with 17,600 acres in 1916, an increase of about 90 per cent. This estimate is based upon reports to the Truck Crop Specialist of the Bureau of Crop Estimates from Virginia, South Carolina, Florida, Alabama, Mississippi and Texas, the principal early cabbage sections of the South. Detailed estimates by states follow:

State.	1915. Acres.	1916. Acres.	1917. Acres.
VIRGINIA.....	4,100	4,200	5,200
SOUTH CAROLINA...	2,300	2,300	4,100
FLORIDA.....	3,400	4,500	9,300
ALABAMA.....	1,100	1,000	1,400
MISSISSIPPI.....	1,200	1,200	1,800
TEXAS.....	4,100	4,900	11,700
Total.....	16,200	17,600	33,500

Swine Sold by Farmers.

During the last census year from 1,841,229 farms in the United States 37,500,158 hogs were sold by farmers and the valuation reported was \$12.35 per head. The number of hogs on farms at that time by the census count was 58,188,000 head, or practically 65 per cent. of the supply.

State.	No. of Farms Reporting.	Per Cent. of Farms	Animals Sold.	Value Per Head.
ALA.	22,552	8.6	123,078	\$ 3.97
ARIZ.	489	5.3	9,780	8.42
ARK.	31,239	14.6	376,466	5.90
CALIF.	13,605	15.4	478,678	10.16
COLO.	5,398	11.7	124,667	11.15
CONN.	2,273	8.5	29,278	5.83
DEL.	1,978	18.3	20,979	5.35
DIST. COL.	5	2.3	17	11.35
FLA.	4,075	8.1	60,528	3.60
GA.	20,368	7.0	136,651	3.80
IDAHO.	5,584	18.1	150,230	11.37
ILL.	139,516	55.4	3,745,309	14.21
IND.	119,815	55.6	3,030,547	12.60
IOWA.	152,542	70.3	5,524,519	15.51
KAS.	97,836	55.0	2,897,924	14.05
KY.	69,704	26.9	1,160,301	9.17
LA.	6,015	5.0	61,794	5.73
ME.	10,628	17.7	88,167	7.58
MD.	11,425	23.4	143,415	5.74
MASS.	3,885	10.5	63,930	8.31
MICH.	85,168	41.2	981,880	11.02
MINN.	74,047	47.4	1,038,711	13.48
MISS.	17,470	6.4	88,599	4.16
MO.	153,372	55.3	4,425,428	11.58
MONT.	2,205	8.4	37,471	9.73
NEB.	78,646	60.7	2,495,969	15.41
NEV.	413	15.4	9,660	8.87
N. H.	4,067	15.0	43,008	7.70
N. J.	4,875	14.6	88,639	6.75
N. M.	2,047	5.7	20,280	6.51
N. Y.	44,582	20.7	407,915	6.40
N. C.	35,461	14.0	246,796	3.49
N. D.	14,743	19.8	115,414	11.71
OHIO.	122,902	45.2	2,517,507	12.38
OKLA.	71,176	37.4	1,591,469	11.05
OREGON.	8,148	17.9	129,641	10.91
PENN.	58,438	26.6	579,136	6.65
R. I.	1,409	7.7	7,725	6.64
S. C.	12,389	7.0	80,633	4.31
S. D.	32,575	42.0	721,838	15.01
TENN.	74,122	30.1	1,082,134	7.84
TEXAS.	66,661	16.0	742,769	7.75
UTAH.	2,859	13.2	30,072	7.73
VT.	9,781	29.9	93,720	8.53
VA.	20,957	16.8	293,493	5.38
WASH.	7,762	13.8	121,886	10.60
W. VA.	18,164	18.8	121,650	5.51
WIS.	88,056	49.7	1,389,717	12.99
WYO.	837	7.6	10,740	10.40
Total. . .	1,841,229	28.9	37,500,158	\$12.35

Swine Slaughtered on Farms.

During the last census year on 3,643,546 farms in the United States 15,378,517 hogs were slaughtered, and the farmers reported the value to be \$19.37 per head. The number of hogs on farms at that time by the census count was 58,186,000 head, practically one hog in four.

State.	No. of Farms Reporting.	Per Cent. of All Farms.	Animals Slaughtered.	Value Per Head.
ALA.	137,036	52.1	581,615	\$12.16
ARIZ.	816	8.8	3,299	13.37
ARK.	113,636	52.9	616,350	11.10
CALIF.	15,337	17.4	82,270	12.80
COLO.	12,330	26.7	52,081	15.53
CONN.	7,975	29.7	25,058	19.86
DEL.	6,636	61.2	27,588	19.84
DIST. COL.	39	18.0	383	19.37
FLA.	25,915	51.8	294,753	8.05
GA.	154,935	53.2	860,409	11.31
IDAHO.	10,470	34.0	47,437	13.90
ILL.	172,486	68.5	762,545	16.95
IND.	152,287	70.7	646,581	16.26
IOWA.	147,246	67.8	507,167	16.03
KAS.	112,110	63.0	377,566	16.50
KY.	108,483	65.0	335,642	18.11
LA.	48,727	40.4	287,447	8.51
ME.	24,404	40.7	47,310	22.68
MD.	32,931	67.3	180,406	15.79
MASS.	7,183	19.5	27,754	19.35
MICH.	114,104	55.1	381,247	15.61
MINN.	100,583	64.4	314,597	15.40
MISS.	128,043	46.7	498,659	12.66
MO.	200,247	72.2	949,318	15.18
MONT.	5,104	19.5	33,143	14.88
NEB.	81,292	62.7	261,515	16.00
NEV.	673	25.0	5,943	13.96
N. H.	9,658	35.7	22,563	22.16
N. J.	13,906	41.5	73,709	17.90
N. M.	6,677	18.7	21,929	12.19
N. Y.	107,276	49.8	386,264	17.57
N. C.	166,636	65.7	783,247	13.59
N. D.	37,893	51.0	136,227	15.82
OHIO.	182,236	67.0	768,195	17.03
OKLA.	104,564	55.0	424,436	14.26
OREGON.	18,153	39.9	102,755	14.80
PENN.	146,868	67.0	675,939	16.63
R. I.	1,034	19.5	3,674	19.49
S. C.	86,224	48.9	309,922	13.09
S. D.	36,975	47.6	117,781	15.16
TENN.	163,764	66.6	742,123	15.49
TEXAS.	221,345	53.0	885,260	15.60
UTAH.	10,040	46.3	31,210	13.94
VT.	16,559	50.6	50,786	19.05
VA.	127,841	69.5	537,797	15.40
WASH.	18,129	32.3	92,600	15.60
W. VA.	65,798	68.1	206,701	17.82
WIS.	118,436	66.9	386,243	14.92
WYO.	2,506	22.8	13,064	15.44
Total. . .	3,643,546	57.3	15,378,517	\$19.37

ARGENTINE CROPS.

Consul Robertson, at Buenos Aires, South America, reports the areas sown to wheat, linseed and oats in Argentina for the agricultural year 1917-18 as follows:

Province.	Wheat, Acres.	Linseed, Acres.	Oats, Acres.
Buenos Aires.	6,114,598	533,251	2,369,731
Santa Fe.	2,303,013	1,309,653	74,131
Cordoba.	4,929,733	768,434	143,263
Entre Rios.	1,181,159	543,630	247,104
Pampa.	2,718,148	29,157	274,286
Others.	617,761	49,421	86,487
Total, 1917-18.	17,864,412	3,233,606	3,200,002
Total, 1916-17.	16,088,967	3,207,415	2,525,406

Captain Jacques Cartier, French navigator and explorer, in his visit to the St. Lawrence river, saw and admired the wild plum tree of North America. This was in 1535.

1552.—The grapevine first introduced into England from Flanders. First planting in the county of Suffolk.

Philippine Live Stock.

The Philippine Archipelago, with millions of acres of available open areas, is one of the countries in which stock raising on a large scale may be conducted, according to a report of the Department of Agriculture of the islands. It is estimated that out of a total of 120,000 square miles, 48,000 are in grass lands.

Number of Live Stock in the Philippine Islands.

Kind.	1902.	1914.	Increase.
CARABAOS.	610,871	1,147,433	506,562
CATTLE.	128,000	477,736	349,736
HOGS.	1,179,371	2,285,880	1,106,509
SHEEP.	30,428	118,010	87,582
GOATS.	124,334	592,042	467,708
HORSES.	144,171	215,826	71,655

The peach, which is a native of Persia, was considerably cultivated in Britain about the year 1550.

Goats and Mohair.

This is a statement of the last census (the latest available) when a reliable count was made showing where the goats are, the number of farms reporting goats, the actual number of goats, the number of farms that produce mohair and the complete state by state mohair production. The number of farms reporting goats and kids increased from 77,515 in 1900 to 82,755 in 1910. The number of goats increased from 1,870,599 in 1900 to 2,915,125 in 1910. The mohair production increased from 961,328 pounds in 1899 to 3,778,706 pounds in 1909.

State.	1910.			
	Farms Reporting.	Number of Goats.	Farms Fleece.	Mohair, Pounds.
ALA.....	5,667	79,347	36	803
ARIZ.....	911	246,617	114	246,032
ARK.....	4,790	58,294	194	7,265
CALIF.....	1,714	138,413	367	282,596
COLO.....	959	31,611	40	7,894
CONN.....	98	500	12	1,009
DEL.....	35	88	1	210
D. OF C.....				
FLA.....	1,947	47,371	7	165
GA.....	6,301	89,616	25	520
IDAHO.....	98	5,719	35	16,412
ILL.....	2,040	12,435	184	14,922
IND.....	1,723	7,290	119	4,472
IOWA.....	2,400	20,664	266	29,206
KAS.....	917	8,847	95	8,805
KY.....	2,713	29,869	198	7,702
LA.....	3,554	57,102	12	1,044
MAINE.....	147	582	39	639
MD.....	198	1,182	27	1,570
MASS.....	201	1,251	35	1,695
MICH.....	686	5,080	117	5,677
MINN.....	784	4,588	131	6,929
MISS.....	4,039	45,871	36	1,303
MO.....	3,947	72,415	858	66,684
MONT.....	176	5,045	38	8,328
NEB.....	892	3,290	53	2,425
NEV.....	64	4,849	8	5,719
N. H.....	96	495	22	629
N. J.....	157	574	7	187
N. M.....	3,440	412,050	237	394,895
N. Y.....	719	3,475	74	5,412
N. C.....	4,247	35,019	56	1,020
N. D.....	294	1,074	36	470
OHIO.....	918	5,379	133	5,840
OKLA.....	1,436	25,591	129	10,503
OREGON.....	4,144	185,411	3,075	523,435
PENN.....	945	3,539	126	3,198
R. I.....	49	106	1	2
S. C.....	3,175	24,756	1	486
S. D.....	660	2,337	54	1,538
TEXAS.....	4,859	43,560	115	3,428
TEXAS.....	7,937	1,135,244	1,544	1,997,924
UTAH.....	134	29,014	21	44,708
VT.....	69	261	14	471
VA.....	738	7,327	79	8,047
WASH.....	417	8,621	164	19,120
W. VA.....	385	5,748	117	8,991
WIS.....	863	4,875	111	4,133
WYO.....	72	2,739	13	14,238
Total...	82,755	2,915,125	9,186	3,778,706

If you are unable to find what you desire in AGRICULTURAL STATISTICS, turn to the index. You may find it there.

In the planting of fall wheat, the state of Washington harvested 754,000 acres in 1916 and reduced to 422,000 acres in 1917.

Florida was the first part of the main land of the United States to receive horses from the Spaniards in the year 1527.

The Loss in Sheep.

In the ten year period from 1900 to 1910 sheep raising was abandoned on 155,155 farms in the United States. In Wisconsin alone sheep raising was abandoned on 17,031 farms. Pennsylvania discontinued sheep raising on 18,631 farms; North Carolina, 14,244; New York, 15,795; and the state of Alabama lost the sheep on 11,271 farms. The following statement by the Census Bureau shows how many farms raising sheep were in the United States in the years 1900 and 1910:

State.	1900.	1910.	Gain.	Loss.
ALA.....	17,902	6,631	.....	11,271
ARIZ.....	602	621	.....	19
ARK.....	18,302	8,432	.....	9,870
CALIF.....	3,616	3,893	.....	277
COLO.....	1,255	1,794	.....	539
CONN.....	1,258	741	.....	517
DEL.....	466	266	.....	200
FLA.....	864	660	.....	204
GA.....	10,891	5,180	.....	5,711
IDAHO.....	1,936	2,996	.....	1,060
ILL.....	25,422	26,262	.....	840
IND.....	48,046	38,191	.....	9,855
IOWA.....	18,788	21,810	.....	3,022
KAS.....	2,095	3,143	.....	1,048
KY.....	50,835	45,707	.....	5,128
LA.....	5,470	3,677	.....	2,063
MAINE.....	18,361	11,060	.....	7,301
MD.....	6,359	6,228	.....	111
MASS.....	1,447	1,027	.....	420
MICH.....	63,339	54,867	.....	8,474
MINN.....	28,056	24,564	.....	3,492
MISS.....	14,430	5,723	.....	8,707
MO.....	38,013	44,010	.....	5,997
MONT.....	1,481	2,269	.....	788
NEB.....	2,764	3,043	.....	279
NEV.....	255	316	.....	61
N. H.....	4,202	2,236	.....	1,966
N. J.....	1,561	875	.....	686
N. M.....	2,504	1,848	.....	656
N. Y.....	40,625	24,830	.....	15,795
N. C.....	28,911	14,697	.....	14,214
N. D.....	4,937	3,723	.....	1,214
OHIO.....	73,636	71,523	.....	2,113
OKLA.....	804	877	.....	73
OREGON.....	6,696	6,394	.....	302
PENN.....	44,057	25,426	.....	18,631
R. I.....	333	242	.....	91
S. C.....	3,921	1,732	.....	2,189
S. D.....	6,392	5,155	.....	1,237
TENN.....	37,905	29,978	.....	7,927
TEXAS.....	6,416	6,929	.....	513
UTAH.....	3,514	2,419	.....	1,125
VT.....	8,533	5,033	.....	3,500
VA.....	24,732	21,497	.....	3,235
WASH.....	2,792	2,116	.....	677
W. VA.....	30,266	26,014	.....	4,252
WIS.....	47,061	30,040	.....	17,021
WYO.....	1,076	1,670	.....	594
1900—Farms Reporting Sheep.....				763,518
1910—Farms Reporting Sheep.....				608,363
Decrease in Number of Farms Reporting Sheep.....				155,155

Start your advertising campaign with the NATIONAL FARMER and STOCK GROWER of St. Louis, and you will start it well. It will not use up your appropriation; therefore you will be able to use a few other mediums.

We have gone back to the last census to obtain basic tables of fruit and nut productions. Whenever you think of these matters, be sure to refer to the productions of the census year. An actual count is only taken once in ten years.

Four and a quarter per cent. on a government bond is good interest.

FARM PRODUCTIONS BY STATES

Taken From Original Government Records, State by State — Grain Crops and Live Stock Estimates.

The following arrangement is for the purpose of showing at a glance the number of farms in each state, the average size of the farm, the farm population at the last census (to which 10 per cent. can be added), the live stock on hand according to latest (1918) complete reports, also approximately the crops of 1915, 1916 and 1917, as estimated by the United States Department of Agriculture:

ALABAMA

Has 262,901 Farms.
Average 78.9 Acres.

1,767,662 Farm Population.

1916.	LIVE STOCK.	1917.
396,000	Dairy Cows.	405,000
534,000	Other Cattle.	534,000
1,715,000	Swine.	1,850,000
119,000	Sheep.	121,000
76,361	Goats.	79,340
150,000	Horses.	150,000
281,000	Mules.	278,000
1,200	Jack Stock.	1,300

LIVE STOCK, 1918.

433,000	Dairy Cows
668,600	Other Cattle.
2,128,000	Swine.
131,000	Sheep.
153,000	Horses.
289,000	Mules.

1915	1916	CROPS.
1,200,000	1,045,000	Bu. Wheat.
66,300,000	46,688,000	Bu. Corn.
11,490,000	10,500,000	Bu. Oats.
40,000	52,000	Bu. Rye.
8,000	8,000	Bu. Rice.
1,600,000	1,800,000	Bu. White Potatoes.
7,200,000	6,290,000	Bu. Sweet Potatoes.
362,000	358,000	Tons Tame Hay.
34,000	42,000	Tons Wild Hay.
1,020,000	525,000	Bales Cotton.
100,000	60,000	Pounds Tobacco.
532,000	380,000	Barrels Apples.
2,640,000	1,110,000	Bu. Peaches.
168,000	90,000	Bu. Pears.
380,000	350,000	Pounds Wool.

1917 CROP.

930,000	Bu. Wheat.
77,200,000	Bu. Corn.
9,720,000	Bu. Oats.
000	Bu. Barley.
38,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
12,000	Bu. Rice.
2,952,000	Bu. White Potatoes.
16,020,000	Bu. Sweet Potatoes.
1,158,000	Tons Tame Hay.
37,000	Tons Wild Hay.
146,000	Lbs. Tobacco.
505,000	Bales Cotton.
16,013,000	Bu. Peanuts.
1,453,000	Bu. Apples.
1,830,000	Bu. Peaches.
80,000	Bu. Pears.

ARIZONA

Has 9,227 Farms.
Average 135.1 Acres.

141,004 Farm Population.

1916.	LIVE STOCK.	1917.
53,000	Dairy Cows.	81,000
838,000	Other Cattle.	861,000
40,000	Swine.	80,000
1,849,000	Sheep.	1,632,000
246,327	Goats.	280,000
121,000	Horses.	129,000
7,000	Mules.	8,000
7,100	Jack Stock.	7,200

LIVE STOCK, 1918.

87,000	Dairy Cows.
1,037,000	Other Cattle.
64,000	Swine.
1,550,000	Sheep.
135,000	Horses.
9,000	Mules.

1915.	1916.	CROPS.
1,092,000	1,160,000	Bu. Wheat.
600,000	770,000	Bu. Corn.
333,000	338,000	Bu. Oats.
1,295,000	1,120,000	Bu. Barley.
95,000	115,000	Bu. White Potatoes.
470,000	627,000	Tons Tame Hay.
10,000	14,000	Tons Wild Hay.
40,000	46,000	Barrels Apples.
60,000	56,000	Bu. Peaches.
22,000	18,000	Bu. Pears.
5,985,000	5,950,000	Pounds Wool.

1917 CROP.

825,000	Bu. Wheat.
864,000	Bu. Corn.
400,000	Bu. Oats.
1,155,000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
420,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
550,000	Tons Tame Hay.
18,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
152,000	Bu. Beans.
1,980,000	Bu. Kafirs.
135,000	Bu. Apples.
60,000	Bu. Peaches.
21,000	Bu. Pears.

ARKANSAS

Has 214,678 Farms.
Average 81.3 Acres.

1,371,768 Farm Population.

1916.	LIVE STOCK.	1917.
102,000	Dairy Cows.	402,000
523,000	Other Cattle.	550,000
1,589,000	Swine.	1,575,000
124,000	Sheep.	124,000
50,938	Goats.	58,000
270,000	Horses.	275,000
240,000	Mules.	250,000
3,000	Jack Stock.	3,100

LIVE STOCK, 1918.

425,000	Dairy Cows.
638,000	Other Cattle.
1,643,000	Swine.
149,000	Sheep.
275,000	Horses.
263,000	Mules.

1915	1916	CROPS.
2,750,000	2,040,000	Bu. Wheat.
62,100,000	45,135,000	Bu. Corn.
10,125,000	7,350,000	Bu. Oats.
10,000	10,000	Bu. Rye.
4,840,000	6,312,000	Bu. Rice.
2,520,000	1,625,000	Bu. White Potatoes.
3,900,000	3,185,000	Bu. Sweet Potatoes.
560,000	469,000	Tons Tame Hay.
127,000	92,000	Tons Wild Hay.
816,002	1,145,000	Bales Cotton.
300,000	250,000	Pounds Tobacco.
1,183,000	1,018,000	Barrels Apples.
5,940,000	2,520,000	Bu. Peaches.
135,000	68,000	Bu. Pears.
335,000	350,000	Pounds Wool.

1917 CROP.

3,360,000	Bu. Wheat.
67,200,000	Bu. Corn.
9,520,000	Bu. Oats.
000	Bu. Barley.
27,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
5,994,000	Bu. Rice.
2,400,000	Bu. White Potatoes.
4,100,000	Bu. Sweet Potatoes.
573,000	Tons Tame Hay.
99,000	Tons Wild Hay.
210,000	Lbs. Tobacco.
895,000	Bales Cotton.
1,110,000	Bu. Peanuts.
2,683,000	Bu. Apples.
840,000	Bu. Peaches.
102,000	Bu. Pears.

CALIFORNIA

Has 88,197 Farms.
Average 316.7 Acres.

907,810 Farm Population.

1916.	LIVE STOCK.	1917.
568,000	Dairy Cows.	591,000
1,551,000	Other Cattle.	1,636,000
947,000	Swine.	994,000
2,450,000	Sheep.	2,524,000
120,829	Goats.	138,000
493,600	Horses.	468,000
70,000	Mules.	70,000
2,500	Jack Stock.	2,600

LIVE STOCK, 1918.

597,000	Dairy Cows.
1,701,000	Other Cattle.
974,000	Swine.
2,776,000	Sheep.
468,000	Horses.
66,000	Mules.
1915	1916 CROPS.
7,040,000	5,600,000 Bu. Wheat.
2,624,000	2,048,000 Bu. Corn.
6,963,000	6,500,000 Bu. Oats.
39,410,000	32,320,000 Bu. Barley.
112,000	101,000 Bu. Rye.
2,268,000	4,543,000 Bu. Rice.
10,140,000	10,575,000 Bu. White Potatoes.
810,000	960,000 Bu. Sweet Potatoes.
4,520,000	4,375,000 Tons Tame Hay.
280,000	240,000 Tons Wild Hay.
28,551	60,000 Bales Cotton.
1,238,000	1,439,000 Tons Sugar Beets.
3,825,000	4,175,000 Bu. Beans.
1,563,000	1,918,000 Barrels Apples.
9,768,000	8,739,000 Bu. Peaches.
1,650,000	1,784,000 Bu. Pears.
.....	600,000 Pounds Hemp.
11,590,000	11,600,000 Pounds Wool.

1917 CROP.

7,425,000	Bu. Wheat.
2,400,000	Bu. Corn.
6,860,000	Bu. Oats.
39,150,000	Bu. Barley.
.....	Bu. Rye.
.....	Bu. Buckwheat.
.....	Bu. Flaxseed.
5,600,000	Bu. Rice.
15,525,000	Bu. White Potatoes.
1,002,000	Bu. Sweet Potatoes.
4,560,000	Tons Tame Hay.
259,000	Tons Wild Hay.
.....	Lbs. Tobacco.
67,000	Bales Cotton.
1,318,000	Tons Sugar Beets.
8,035,000	Bu. Beans.
15,708,000	Lbs. Hops.
5,592,000	Bu. Apples.
14,151,000	Bu. Peaches.
3,523,000	Bu. Pears.
8,632,000	Boxes Oranges.

COLORADO

Has 46,170 Farms.
Average 293.1 Acres.

394,184 Farm Population.

1916.	LIVE STOCK.	1917.
219,000	Dairy Cows.	237,000
1,096,000	Other Cattle.	1,150,000
320,000	Swine.	352,000
1,839,000	Sheep.	1,950,000
30,644	Goats.	33,000
361,000	Horses.	365,000
19,000	Mules.	20,000
3,200	Jack Stock.	3,300

LIVE STOCK, 1918.

257,000	Dairy Cows.
1,274,000	Other Cattle.
356,000	Swine.
2,086,000	Sheep.
399,000	Horses.
26,000	Mules.
1915	1916 CROPS.
13,310,000	11,885,000 Bu. Wheat.
11,280,000	7,362,000 Bu. Corn.
11,700,000	9,570,000 Bu. Oats.
4,680,000	5,120,000 Bu. Barley.
525,000	392,000 Bu. Rye.
9,000	6,000 Bu. Flaxseed.
7,155,000	6,900,000 Bu. White Potatoes.
2,134,000	1,988,000 Tons Tame Hay.
515,000	423,000 Tons Wild Hay.
1,820,000	2,015,000 Tons Sugar Beets.
693,000	735,000 Barrels Apples.
650,000	405,000 Bu. Peaches.

99,000	99,000 Bu. Pears.
340,000	424,000 Bu. Beans.
151,708	100,710 Bu. Onions.
39,700	32,900 Tons Cabbage.
.....	16,300 Pounds Hemp.
400	400 Acres Celery.
7,800,000	8,400,000 Pounds Wool.

1917 CROP.

13,536,000	Bu. Wheat.
10,640,000	Bu. Corn.
11,130,000	Bu. Oats.
5,544,000	Bu. Barley.
432,000	Bu. Rye.
.....	Bu. Buckwheat.
14,000	Bu. Flaxseed.
.....	Bu. Rice.
9,310,000	Bu. White Potatoes.
.....	Bu. Sweet Potatoes.
2,376,000	Tons Tame Hay.
460,000	Tons Wild Hay.
.....	Lbs. Tobacco.
.....	Bales Cotton.
1,853,200	Tons Sugar Beets.
1,461,000	Bu. Beans.
1,320,000	Bu. Kafirs.
4,650	Tons Broom Corn.
59,400	Tons Cabbage.
2,640,000	Bu. Apples.
1,200,000	Bu. Peaches.
320,000	Bu. Pears.

CONNECTICUT

Has 26,815 Farms.
Average 81.5 Acres.

114,917 Farm Population.

1916.	LIVE STOCK.	1917.
119,000	Dairy Cows.	121,000
72,000	Other Cattle.	73,000
59,000	Swine.	58,000
18,000	Sheep.	18,000
485	Goats.	500
46,000	Horses.	46,000

LIVE STOCK, 1918.

116,000	Dairy Cows.
78,000	Other Cattle.
64,000	Swine.
20,000	Sheep.
45,000	Horses.
1915	1916 CROPS.
3,250,000	2,700,000 Bu. Corn.
422,000	450,000 Bu. Oats.
150,000	137,000 Bu. Rye.
60,000	57,000 Bu. Buckwheat.
2,280,000	2,090,000 Bu. White Potatoes.
493,000	574,000 Tons Tame Hay.
12,000	15,000 Tons Wild Hay.
20,970,000	36,186,000 Pounds Tobacco.
511,000	610,000 Barrels Apples.
335,000	136,000 Bu. Peaches.
36,000	46,000 Bu. Pears.
80,000	75,000 Pounds Wool.

1917 CROP.

.....	Bu. Wheat.
4,485,000	Bu. Corn.
660,000	Bu. Oats.
.....	Bu. Barley.
144,000	Bu. Rye.
52,000	Bu. Buckwheat.
.....	Bu. Flaxseed.
.....	Bu. Rice.
3,190,000	Bu. White Potatoes.
.....	Bu. Sweet Potatoes.
525,000	Tons Tame Hay.
15,000	Tons Wild Hay.
29,540,000	Lbs. Tobacco.
.....	Bales Cotton.
1,316,000	Bu. Apples.
268,000	Bu. Peaches.
29,000	Bu. Pears.

DELAWARE

Has 10,836 Farms.
Average 95.9 Acres.

105,237 Farm Population.

1916.	LIVE STOCK.	1917.
42,000	Dairy Cows.	43,000
21,000	Other Cattle.	21,000
61,000	Swine.	60,000
8,000	Sheep.	8,000
36,000	Horses.	36,000
6,000	Mules.	6,000

LIVE STOCK, 1918.

43,000	Dairy Cows.
23,000	Other Cattle.

61,000	Swine.	
10,000	Sheep.	
36,000	Horses.	
6,000	Mules.	
1915	1916	CROPS.
1,875,000	1,860,000	Bu. Wheat.
6,615,000	6,970,000	Bu. Corn.
131,000	120,000	Bu. Oats.
15,000	15,000	Bu. Rye.
56,000	57,000	Bu. Buckwheat.
1,015,000	99,000	Bu. White Potatoes.
675,000	625,000	Bu. Sweet Potatoes.
81,000	116,000	Tons Tame Hay.
12,000	13,000	Tons Wild Hay.
122,000	83,000	Barrels Apples.
812,000	35,000	Bu. Peaches.
228,000	164,000	Bu. Pears.
30,000	30,000	Pounds Wool.
	1917	CROP.
2,162,000	Bu. Wheat.	
7,820,000	Bu. Corn.	
128,000	Bu. Oats.	
000	Bu. Barley.	
16,000	Bu. Rye.	
60,000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
000	Bu. Rice.	
1,235,000	Bu. White Potatoes.	
560,000	Bu. Sweet Potatoes.	
98,000	Tons Tame Hay.	
11,000	Tons Wild Hay.	
000	Lbs. Tobacco.	
000	Bales Cotton.	
450,000	Bu. Apples.	
647,000	Bu. Peaches.	
294,000	Bu. Pears.	

FLORIDA

Has 50,016 Farms.
Average 105.6 Acres.

533,539 Farm Population.

1916.	LIVE STOCK.	1917.
136,000	Dairy Cows.	141,000
772,000	Other Cattle.	865,000
996,000	Swine.	1,100,000
119,000	Sheep.	119,000
30,521	Goats.	47,000
59,000	Horses.	60,000
29,000	Mules.	31,000

LIVE STOCK, 1918.

145,000	Dairy Cows.	
891,000	Other Cattle.	
1,375,000	Swine.	
120,000	Sheep.	
62,000	Horses.	
33,000	Mules.	
1915	1916	CROPS.
12,000,000	12,600,000	Bu. Corn.
1,220,000	900,000	Bu. Oats.
12,000	18,000	Bu. Rice.
960,000	1,110,000	Bu. White Potatoes.
2,576,000	2,500,000	Bu. Sweet Potatoes.
61,000	70,000	Tons Tame Hay.
12,000	10,000	Tons Wild Hay.
47,831	43,000	Bales Cotton.
3,549,000	3,025,000	Pounds Tobacco.
177,000	106,000	Bu. Peaches.
104,000	51,000	Bu. Pears.
330,000	345,000	Pounds Wool.
	1917	CROP.
000	Bu. Wheat.	
13,875,000	Bu. Corn.	
770,000	Bu. Oats.	
000	Bu. Barley.	
000	Bu. Rye.	
000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
21,000	Bu. Rice.	
2,275,000	Bu. White Potatoes.	
3,500,000	Bu. Sweet Potatoes.	
119,000	Tons Tame Hay.	
8,000	Tons Wild Hay.	
3,410,000	Lbs. Tobacco.	
40,000	Bales Cotton.	
1,400,000	Bu. Peanuts.	
000	Bu. Apples.	
122,000	Bu. Peaches.	
46,000	Bu. Pears.	
4,200,000	Boxes Oranges.	

GEORGIA

Has 291,027 Farms.
Average 92.6 Acres.

2,070,471	Farm Population.	
411,000	Dairy Cows.	418,000

686,000	Other Cattle.	686,000
2,348,090	Swine.	2,585,000
161,000	Sheep.	150,000
79,939	Goats.	85,000
125,000	Horses.	127,000
315,000	Mules.	324,000

LIVE STOCK, 1918.

435,000	Dairy Cows.	
755,000	Other Cattle.	
2,766,000	Swine.	
144,000	Sheep.	
130,000	Horses.	
334,000	Mules.	
1915	1916	CROPS.
3,573,000	3,803,000	Bu. Wheat.
61,950,000	62,000,000	Bu. Corn.
17,648,000	16,770,000	Bu. Oats.
120,000	124,000	Bu. Rye.
26,000	16,000	Bu. Rice.
1,040,000	900,000	Bu. White Potatoes.
8,075,000	7,520,000	Bu. Sweet Potatoes.
345,000	375,000	Tons Tame Hay.
17,000	18,000	Tons Wild Hay.
1,496,000	1,534,000	Pounds Tobacco.
1,900,000	1,845,000	Bales Cotton.
625,000	541,000	Barrels Apples.
5,330,000	3,510,000	Bu. Peaches.
203,000	135,000	Bu. Pears.
460,000	495,000	Pounds Wool.
	1917	CROP.
2,074,000	Bu. Wheat.	
72,000,000	Bu. Corn.	
10,400,000	Bu. Oats.	
000	Bu. Barley.	
128,000	Bu. Rye.	
000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
27,000	Bu. Rice.	
1,596,000	Bu. White Potatoes.	
11,625,000	Bu. Sweet Potatoes.	
562,000	Tons Tame Hay.	
14,000	Tons Wild Hay.	
1,600,000	Lbs. Tobacco.	
1,820,000	Bales Cotton.	
9,435,000	Bu. Peanuts.	
1,751,000	Bu. Apples.	
4,716,000	Bu. Peaches.	
140,000	Bu. Pears.	

IDAHO

Has 30,807 Farms.
Average 171.5 Acres.

1916.	LIVE STOCK.	1917.
126,000	Dairy Cows.	130,000
406,000	Other Cattle.	418,000
344,000	Swine.	292,000
3,102,000	Sheep.	3,195,000
5,797	Goats.	6,000
241,000	Horses.	239,000
4,000	Mules.	4,000

LIVE STOCK, 1918.

139,000	Dairy Cows.	
488,000	Other Cattle.	
219,000	Swine.	
3,202,000	Sheep.	
258,000	Horses.	
4,000	Mules.	
1915	1916	CROPS.
18,730,000	15,071,000	Bu. Wheat.
770,000	735,000	Bu. Corn.
15,745,000	13,330,000	Bu. Oats.
7,736,000	7,410,000	Bu. Barley.
60,000	34,000	Bu. Rye.
3,590,000	4,050,000	Bu. White Potatoes.
1,828,000	1,812,000	Tons Tame Hay.
157,000	134,000	Tons Wild Hay.
375,000	427,000	Tons Sugar Beets.
573,000	147,000	Barrels Apples.
162,000	23,000	Bu. Peaches.
75,000	50,000	Bu. Pears.
15,285,000	15,000,000	Pounds Wool.
	1917	CROP.
13,830,000	Bu. Wheat.	
682,000	Bu. Corn.	
10,450,000	Bu. Oats.	
5,510,000	Bu. Barley.	
31,000	Bu. Rye.	
000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
000	Bu. Rice.	
6,084,000	Bu. White Potatoes.	
2,175,000	Bu. Sweet Potatoes.	
162,000	Tons Tame Hay.	
000	Tons Wild Hay.	
000	Lbs. Tobacco.	
000	Bales Cotton.	

329,800 Tons Sugar Beets.
90,000 Bu. Clover Seed.
1,995,000 Bu. Apples.
165,000 Bu. Peaches.
70,000 Bu. Pears.

ILLINOIS

Has 251,872 Farms.
Average 129.1 Acres.

2,161,662 Farm Population.

1916.	LIVE STOCK.	1917.
1,047,000	Dairy Cows.	1,057,000
1,239,600	Other Cattle.	1,251,000
4,489,000	Swine.	4,444,000
997,000	Sheep.	898,000
12,000	Goats.	13,000
1,452,000	Horses.	1,452,000
152,000	Mules.	150,000
2,800	Jack Stock.	3,000

LIVE STOCK, 1918.

1,057,000 Dairy Cows.
1,314,000 Other Cattle.
5,111,000 Swine.
988,000 Sheep.
1,467,000 Horses.
150,000 Mules.

1915. 1916 CROPS.

53,200,000	16,225,000	Bu. Wheat.
376,161,400	396,809,000	Bu. Corn.
195,435,000	172,095,000	Bu. Oats.
1,836,000	1,920,000	Bu. Barley.
906,000	660,000	Bu. Rye.
68,000	68,000	Bu. Buckwheat.
593,000	525,000	Pounds Tobacco.
13,860,000	7,250,000	Bu. White Potatoes.
880,000	720,000	Bu. Sweet Potatoes.
3,696,000	4,495,000	Tons Tame Hay.
124,000	158,000	Tons Wild Hay.
4,716,000	1,616,000	Barrels Apples.
874,000	810,000	Bu. Peaches.
496,000	351,000	Bu. Pears.
3,975,000	3,855,000	Pounds Wool.

1917 CROP.

30,400,000 Bu. Wheat.
418,000,000 Bu. Corn.
244,400,000 Bu. Oats.
2,475,000 Bu. Barley.
752,000 Bu. Rye.
76,000 Bu. Buckwheat.
000 Bu. Flaxseed.
000 Bu. Rice.
13,500,000 Bu. White Potatoes.
776,000 Bu. Sweet Potatoes.
3,438,000 Tons Tame Hay.
104,000 Tons Wild Hay.
560,000 Lbs. Tobacco.
8,250 Tons Broom Corn.
115,000 Bu. Clover Seed.
7,500,000 Bu. Apples.
364,000 Bu. Peaches.
456,000 Bu. Pears.

INDIANA

Has 215,485 Farms.
Average 98.8 Acres.

1,557,041 Farm Population.

1916.	LIVE STOCK.	1917.
672,000	Dairy Cows.	706,000
728,000	Other Cattle.	735,000
4,167,000	Swine.	3,970,000
1,058,000	Sheep.	1,005,000
7,000	Goats.	7,000
854,000	Horses.	845,000
95,000	Mules.	95,000
1,616	Jack Stock.	1,700

LIVE STOCK, 1918.

713,000 Dairy Cows.
757,000 Other Cattle.
4,168,000 Swine.
998,000 Sheep.
837,000 Horses.
95,000 Mules.

1915. 1916. CROPS.

47,306,000	19,440,000	Bu. Wheat.
190,950,000	174,950,000	Bu. Corn.
65,520,000	52,500,000	Bu. Oats.
224,000	405,000	Bu. Barley.
2,400,000	2,590,000	Bu. Rye.
70,000	144,000	Bu. Buckwheat.
7,125,000	3,256,000	Bu. White Potatoes.
208,000	300,000	Bu. Sweet Potatoes.
3,030,000	3,312,000	Tons Tame Hay.
78,000	91,000	Tons Wild Hay.
11,340,000	13,764,000	Pounds Tobacco.
3,883,000	1,307,000	Barrels Apples.

648,000 833,000 Bu. Peaches.
410,000 351,000 Bu. Pears.
561,880 744,896 Bu. Onions.
6,500 3,900 Tons Cabbage.
4,690,000 4,420,000 Pounds Wool.

1917 CROP.

33,392,000 Bu. Wheat.
203,436,000 Bu. Corn.
76,440,000 Bu. Oats.
671,000 Bu. Barley.
3,000,000 Bu. Rye.
150,000 Bu. Buckwheat.
000 Bu. Flaxseed.
000 Bu. Rice.
8,464,000 Bu. White Potatoes.
318,000 Bu. Sweet Potatoes.
3,004,000 Tons Tame Hay.
88,000 Tons Wild Hay.
14,060,000 Lbs. Tobacco.
60,000 Bu. Beans.
17,280 Tons Cabbage.
202,000 Bu. Clover Seed.
5,915,000 Bu. Apples.
592,000 Bu. Peaches.
410,000 Bu. Pears.

IOWA

Has 217,044 Farms.
Average 156.3 Acres.

1,544,717 Farm Population.

1916.	LIVE STOCK.	1917.
1,391,000	Dairy Cows.	1,405,000
2,737,000	Other Cattle.	2,754,000
9,069,000	Swine.	9,370,000
1,274,000	Sheep.	1,240,000
20,500	Goats.	21,000
1,584,000	Horses.	1,552,000
61,000	Mules.	62,000
1,700	Jack Stock.	1,700

LIVE STOCK, 1918.

1,405,000 Dairy Cows.
2,919,000 Other Cattle.
10,307,000 Swine.
1,224,000 Sheep.
1,583,000 Horses.
69,000 Mules.

1915 1916 CROPS.

15,557,000	10,450,000	Bu. Wheat.
303,000,000	366,825,000	Bu. Corn.
198,000,000	186,850,000	Bu. Oats.
10,943,000	8,702,000	Bu. Barley.
1,110,000	935,000	Bu. Rye.
91,000	150,000	Bu. Buckwheat.
162,000	180,000	Bu. Flaxseed.
15,540,000	4,830,000	Bu. White Potatoes.
285,000	273,000	Bu. Sweet Potatoes.
5,576,000	5,796,000	Tons Tame Hay.
1,116,000	845,000	Tons Wild Hay.
3,220,000	1,575,000	Barrels Apples.
112,000	64,000	Bu. Peaches.
106,000	63,000	Bu. Pears.
210,800	162,155	Bu. Onions.
28,400	10,800	Tons Cabbage.
5,325,000	4,875,000	Pounds Wool.

1917 CROP.

8,350,000 Bu. Wheat.
410,700,000 Bu. Corn.
246,750,000 Bu. Oats.
10,500,000 Bu. Barley.
900,000 Bu. Rye.
132,000 Bu. Buckwheat.
132,000 Bu. Flaxseed.
000 Bu. Rice.
13,100,000 Bu. White Potatoes.
270,000 Bu. Sweet Potatoes.
3,887,000 Tons Tame Hay.
738,000 Tons Wild Hay.
000 Lbs. Tobacco.
000 Bales Cotton.
42,000 Bu. Beans.
13,260 Tons Cabbage.
30,000 Bu. Clover Seed.
5,775,000 Bu. Apples.
30,000 Bu. Peaches.
82,000 Bu. Pears.

KANSAS

Has 177,841 Farms.
Average 244.0 Acres.

1,107,159 Farm Population.

1916.	LIVE STOCK.	1917.
762,000	Dairy Cows.	900,000
1,945,000	Other Cattle.	2,115,000
3,815,000	Swine.	2,535,000
341,000	Sheep.	348,000

8,800	Goats.	9,000
1,109,000	Horses.	1,120,000
245,000	Mules.	265,000
5,400	Mules.	5,500

LIVE STOCK, 1918.

945,000	Dairy Cows.	
2,354,000	Other Cattle.	
2,566,000	Swine.	
418,000	Sheep.	
1,142,000	Horses.	
280,000	Mules.	
1915	1916	CROPS.
106,538,000	98,022,000	Bu. Wheat.
172,050,000	69,500,000	Bu. Corn.
43,725,000	36,425,000	Bu. Oats.
8,370,000	4,800,000	Bu. Barley.
800,000	667,000	Bu. Rye.
14,000	.....	Bu. Buckwheat.
205,000	174,000	Bu. Flaxseed.
5,893,000	4,970,000	Bu. White Potatoes.
440,000	368,000	Bu. Sweet Potatoes.
4,062,000	2,604,000	Tons Tame Hay.
2,240,000	1,650,000	Tons Wild Hay.
2,125,000	1,040,000	Barrels Apples.
2,516,000	172,000	Bu. Peaches.
133,000	77,000	Bu. Pears.
1,240,000	1,320,000	Pounds Wool.

1917 CROP.

45,934,000	Bu. Wheat.	
128,184,000	Bu. Corn.	
70,804,000	Bu. Oats.	
7,500,000	Bu. Barley.	
1,140,000	Bu. Rye.	
000	Bu. Buckwheat.	
238,000	Bu. Flaxseed.	
000	Bu. Rice.	
4,446,000	Bu. White Potatoes.	
368,000	Bu. Sweet Potatoes.	
2,217,000	Tons Tame Hay.	
1,014,000	Tons Wild Hay.	
000	Lbs. Tobacco.	
000	Bales Cotton.	
31,890,000	Bu. Kafirs.	
12,000	Tons Broom Corn.	
11,000	Bu. Clover Seed.	
3,375,000	Bu. Apples.	
121,000	Bu. Peaches.	
140,000	Bu. Pears.	

KENTUCKY

Has 259,185 Farms.
Average 85.6 Acres.

1,734,463 Farm Population.

1916.	LIVE STOCK.	1917.
406,000	Dairy Cows.	418,000
570,000	Other Cattle.	570,000
1,709,000	Swine.	1,589,000
1,555,000	Sheep.	1,155,000
29,000	Goats.	30,000
434,000	Horses.	434,000
229,000	Mules.	224,000
4,600	Jack Stock.	4,700

LIVE STOCK, 1918.

435,000	Dairy Cows.	
581,000	Other Cattle.	
1,716,000	Swine.	
1,270,000	Sheep.	
443,000	Horses.	
224,000	Mules.	
1915	1916	CROPS.
9,900,000	8,010,000	Bu. Wheat.
114,000,000	95,200,000	Bu. Corn.
5,460,000	6,300,000	Bu. Oats.
180,000	156,000	Bu. Barley.
288,000	246,000	Bu. Rye.
6,426,000	4,116,000	Bu. White Potatoes.
1,050,000	900,000	Bu. Sweet Potatoes.
1,225,000	1,415,000	Tons Tame Hay.
6,000	6,000	Tons Wild Hay.
356,400,000	435,600,000	Pounds Tobacco.
4,170,000	2,147,000	Barrels Apples.
1,320,000	880,000	Bu. Peaches.
264,000	160,000	Bu. Pears.
3,125,000	3,185,000	Pounds Wool.

1917 CROP.

9,000,000	Bu. Wheat.	
122,850,000	Bu. Corn.	
8,060,000	Bu. Oats.	
140,000	Bu. Barley.	
375,000	Bu. Rye.	
000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
000	Bu. Rice.	
6,720,000	Bu. White Potatoes.	
1,140,000	Bu. Sweet Potatoes.	
1,268,000	Tons Tame Hay.	

8,000	Tons Wild Hay.	
126,600,000	Lbs. Tobacco.	
000	Bales Cotton.	
46,000	Bu. Clover Seed.	
9,125,000	Bu. Apples.	
1,034,000	Bu. Peaches.	
204,000	Bu. Pears.	

LOUISIANA

Has 120,546 Farms.
Average 86.6 Acres.

1,159,872 Farm Population.

1916.	LIVE STOCK.	1917.
271,000	Dairy Cows.	274,000
475,000	Other Cattle.	475,000
1,553,000	Swine.	1,584,000
185,000	Sheep.	240,000
57,000	Goats.	58,000
193,000	Horses.	195,000
132,000	Mules.	139,000

LIVE STOCK, 1918.

324,000	Dairy Cows.	
578,000	Other Cattle.	
1,568,000	Swine.	
209,000	Sheep.	
207,000	Horses.	
156,000	Mules.	
1915	1916	CROPS.
45,100,000	44,814,000	Bu. Corn.
3,000,000	2,000,000	Bu. Oats.
13,714,000	20,392,000	Bu. Rice.
1,428,000	1,625,000	Bu. White Potatoes.
5,980,000	5,760,000	Bu. Sweet Potatoes.
438,000	429,000	Tons Tame Hay.
35,000	42,000	Tons Wild Hay.
341,063	440,000	Bales Cotton.
126,000	90,000	Pounds Tobacco.
456,000	560,900	Bu. Peaches.
55,000	49,000	Bu. Pears.
2,000,000	4,172,000	Tons Sugar Cane.
536,000	590,000	Pounds Wool.

1917 CROP.

000	Bu. Wheat.	
42,246,000	Bu. Corn.	
1,873,000	Bu. Oats.	
000	Bu. Barley.	
000	Bu. Rye.	
000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
18,250,000	Bu. Rice.	
1,600,000	Bu. White Potatoes.	
4,898,000	Bu. Sweet Potatoes.	
416,000	Tons Tame Hay.	
39,000	Tons Wild Hay.	
210,000	Lbs. Tobacco.	
615,000	Bales Cotton.	
1,015,000	Bu. Peanuts.	
000	Bu. Apples.	
478,000	Bu. Peaches.	
52,000	Bu. Pears.	

MAINE

Has 60,016 Farms.
Average 104.9 Acres.

360,928 Farm Population.

1916.	LIVE STOCK.	1917.
159,000	Dairy Cows.	162,000
104,000	Other Cattle.	110,000
102,000	Swine.	100,000
162,600	Sheep.	157,000
112,000	Horses.	109,000

LIVE STOCK, 1918.

170,000	Dairy Cows.	
127,000	Other Cattle.	
100,000	Swine.	
163,000	Sheep.	
109,000	Horses.	
1915	1916	CROPS.
112,000	135,000	Bu. Wheat.
656,000	645,000	Bu. Corn.
6,080,000	6,120,000	Bu. Oats.
132,000	156,000	Bu. Barley.
338,000	336,000	Bu. Buckwheat.
22,010,000	25,500,000	Bu. White Potatoes.
1,397,000	1,740,000	Tons Tame Hay.
23,000	27,000	Tons Wild Hay.
720,000	1,680,000	Barrels Apples.
30,000	38,000	Bu. Pears.
850,000	850,000	Pounds Wool.

1917 CROP.

154,000	Bu. Wheat.	
780,000	Bu. Corn.	
4,930,000	Bu. Oats.	
147,000	Bu. Barley.	

000	Bu. Rye.
322,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
20,250,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,566,000	Tons Tame Hay.
21,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
330,000	Bu. Beans.
4,617,000	Bu. Apples.
000	Bu. Peaches.
24,000	Bu. Pears.

MARYLAND

Has 48,923 Farms.
Average 103.4 Acres.

637,154 Farm Population.

1916.	LIVE STOCK.	1917.
181,000	Dairy Cows.	183,000
125,000	Other Cattle.	125,000
359,000	Swine.	359,000
223,000	Sheep.	223,000
2,000	Goats.	2,000
169,000	Horses.	169,000
25,000	Mules.	25,000

LIVE STOCK, 1918.

181,000	Dairy Cows.
134,000	Other Cattle.
388,000	Swine.
234,000	Sheep.
171,000	Horses.
25,000	Mules.
1915	1916 CROPS.
10,272,000	10,240,000 Bu. Wheat.
21,850,000	27,300,000 Bu. Corn.
1,530,000	1,357,000 Bu. Oats.
170,000	192,000 Bu. Barley.
396,000	356,000 Bu. Rye.
220,000	189,000 Bu. Buckwheat.
4,268,000	4,085,000 Bu. White Potatoes.
1,010,000	1,134,000 Bu. Sweet Potatoes.
468,000	688,000 Tons Tame Hay.
4,000	6,000 Tons Wild Hay.
16,280,000	19,635,000 Pounds Tobacco.
800,000	843,000 Barrels Apples.
1,243,000	610,000 Bu. Peaches.
483,000	373,000 Bu. Pears.
750,000	750,000 Pounds Wool.

1917 CROP.

11,475,000	Bu. Wheat.
23,080,000	Bu. Corn.
1,457,000	Bu. Oats.
156,000	Bu. Barley.
384,000	Bu. Rye.
220,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
6,000,000	Bu. White Potatoes.
1,180,000	Bu. Sweet Potatoes.
552,000	Tons Tame Hay.
6,000	Tons Wild Hay.
22,594,000	Lbs. Tobacco.
000	Bales Cotton.
2,525,000	Bu. Apples.
975,000	Bu. Peaches.
525,000	Bu. Pears.

MASSACHUSETTS

Has 36,917 Farms.
Average 79.9 Acres.

241,049 Farm Population.

1916.	LIVE STOCK.	1917.
155,000	Dairy Cows.	160,000
35,000	Other Cattle.	38,000
112,000	Swine.	112,000
28,000	Sheep.	25,000
1,200	Goats.	1,200
63,000	Horses.	59,000

LIVE STOCK, 1918.

151,000	Dairy Cows.
97,000	Other Cattle.
113,000	Swine.
28,000	Sheep.
57,000	Horses.
1915	1916 CROPS.
2,304,000	1,764,000 Bu. Corn.
324,000	480,000 Bu. Oats.
60,000	56,000 Bu. Rye.
32,000	32,000 Bu. Buckwheat.
3,120,000	2,275,000 Bu. White Potatoes.
1,357,358	1,292,000 Bu. Onions.
705,000	749,000 Tons Tame Hay.

25,000	24,000 Tons Wild Hay.
9,680,000	12,118,000 Pounds Tobacco.
885,000	221,000 Barrels Cranberries.
152,000	1,150,000 Barrels Apples.
75,000	66,000 Bu. Peaches.
115,000	114,000 Bu. Pears.
	123,000 Pounds Wool.
	1917 CROP.

000	Bu. Wheat.
2,806,000	Bu. Corn.
444,000	Bu. Oats.
000	Bu. Barley.
57,000	Bu. Rye.
30,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
4,370,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
690,000	Tons Tame Hay.
24,000	Tons Wild Hay.
11,833,000	Lbs. Tobacco.
000	Bales Cotton.
40,000	Bu. Beans.
2,186,000	Bu. Apples.
145,000	Bu. Peaches.
71,000	Bu. Pears.

MICHIGAN

Has 206,960 Farms.
Average 91.5 Acres.

1,483,129 Farm Population.

1916.	LIVE STOCK.	1917.
817,000	Dairy Cows.	856,000
735,000	Other Cattle.	720,000
1,462,000	Swine.	1,345,000
1,931,000	Sheep.	1,834,000
5,860	Goats.	6,000
680,000	Horses.	680,000
4,000	Mules.	4,000

LIVE STOCK, 1918.

874,000	Dairy Cows.
752,000	Other Cattle.
1,372,000	Swine.
1,926,000	Sheep.
680,000	Horses.
4,000	Mules.
1915	1916 CROPS.
20,448,000	13,600,000 Bu. Wheat.
56,000,000	45,375,000 Bu. Corn.
64,260,000	42,600,000 Bu. Oats.
2,508,000	2,450,000 Bu. Barley.
6,045,000	4,618,000 Bu. Rye.
870,000	825,000 Bu. Buckwheat.
20,945,000	15,360,000 Bu. White Potatoes.
41,400	17,400 Tons Cabbage.
223,020	204,820 Bu. Onions.
3,458,000	4,372,000 Tons Tame Hay.
39,000	51,000 Tons Wild Hay.
1,071,000	604,000 Tons Sugar Beets.
4,250,000	3,102,000 Bu. Beans.
3,150,000	4,160,000 Barrels Apples.
2,360,000	2,010,000 Bu. Peaches.
550,000	836,000 Bu. Pears.
3,118	3,134 Acres Celery.
8,075,000	8,275,000 Pounds Wool.

1917 CROP.

15,210,000	Bu. Wheat.
37,625,000	Bu. Corn.
56,575,000	Bu. Oats.
3,445,000	Bu. Barley.
8,115,000	Bu. Rye.
675,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
35,910,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
3,837,000	Tons Tame Hay.
45,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
596,500	Tons Sugar Beets.
3,515,000	Bu. Beans.
53,500	Tons Cabbage.
176,000	Bu. Clover Seed.
5,160,000	Bu. Apples.
744,000	Bu. Peaches.
1,080,000	Bu. Pears.

MINNESOTA

Has 156,137 Farms.
Average 177.3 Acres.

1,225,414 Farm Population.

1916.	LIVE STOCK.	1917.
1,210,000	Dairy Cows.	1,302,000
1,232,000	Other Cattle.	1,340,000

1,716,000	Swine.	1,733,000
536,000	Sheep.	541,000
4,000	Goats.	4,000
872,000	Horses.	900,000
6,000	Mules.	6,000

LIVE STOCK, 1918.

1,328,000	Dairy Cows.
1,540,000	Other Cattle.
2,241,000	Swine.
568,000	Sheep.
944,000	Horses.
6,000	Mules.

1915 1916 CROPS.

73,120,000	27,555,000	Bu. Wheat.
62,100,000	84,120,000	Bu. Corn.
134,375,000	88,112,000	Bu. Oats.
41,170,000	26,125,000	Bu. Barley.
5,850,000	5,025,000	Bu. Rye.
122,000	150,000	Bu. Buckwheat.
3,150,000	2,338,000	Bu. Flaxseed.
30,210,000	16,800,000	Bu. White Potatoes.
21,000	9,700	Tons Cabbage.
385,125	211,768	Bu. Onions.
3,209,000	3,496,000	Tons Tame Hay.
2,565,000	2,888,000	Tons Wild Hay.
412,000	422,000	Barrels Apples.
2,660,000	2,695,000	Pounds Wool.

1917 CROP.

57,965,000	Bu. Wheat.
90,000,000	Bu. Corn.
120,250,000	Bu. Oats.
37,800,000	Bu. Barley.
7,585,000	Bu. Rye.
154,000	Bu. Buckwheat.
1,980,000	Bu. Flaxseed.
000	Bu. Rice.
33,600,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
2,868,000	Tons Tame Hay.
2,356,000	Tons Wild Hay.
000	Lbs. Tobacco.
23,240	Tons Cabbage.
55,000	Bu. Clover Seed.
1,145,000	Bu. Apples.
000	Bu. Peaches.
000	Bu. Pears.

MISSISSIPPI

Has 274,382 Farms.
Average 67.6 Acres.

1,589,803 Farm Population.

1916.	LIVE STOCK.	1917.
447,000	Dairy Cows.	450,000
535,000	Other Cattle.	535,000
1,617,000	Swine.	1,698,000
208,000	Sheep.	193,000
48,000	Goats.	50,000
243,000	Horses.	243,000
292,000	Mules.	292,000
1,800	Jack Stock.	1,900

LIVE STOCK, 1918.

508,000	Dairy Cows
644,000	Other Cattle.
1,902,000	Swine.
174,000	Sheep.
253,000	Horses.
307,000	Mules.

1915 1916 CROPS.

100,000	90,000	Bu. Wheat.
69,350,000	47,600,000	Bu. Corn.
5,375,000	5,760,000	Bu. Oats.
15,000	53,000	Bu. Rice.
1,170,000	780,000	Bu. White Potatoes.
8,250,000	6,314,000	Bu. Sweet Potatoes.
350,000	371,000	Tons Tame Hay.
50,000	52,000	Tons Wild Hay.
951,000	800,000	Bales Cotton.
141,000	116,000	Barrels Apples.
1,540,000	1,000,000	Bu. Peaches.
160,000	90,000	Bu. Pears.
520,000	540,000	Pounds Wool.

1917 CROP.

210,000	Bu. Wheat.
81,050,000	Bu. Corn.
5,700,000	Bu. Oats.
000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
63,000	Bu. Rice.
1,092,000	Bu. White Potatoes.
5,525,000	Bu. Sweet Potatoes.
371,000	Tons Tame Hay.
49,000	Tons Wild Hay.
2,820,000	Lbs. Tobacco.

895,000	Bales Cotton.
136,000	Bu. Peanuts.
315,000	Bu. Apples.
375,000	Bu. Peaches.
30,000	Bu. Pears.

MISSOURI

Has 277,244 Farms.
Average 124.8 Acres.

1,894,518 Farm Population.

1916.	LIVE STOCK.	1917.
837,000	Dairy Cows.	845,000
1,555,000	Other Cattle.	1,600,000
4,505,000	Swine.	4,280,000
1,416,000	Sheep.	1,370,000
74,000	Goats.	75,000
1,084,000	Horses.	1,040,000
329,000	Mules.	350,000
12,800	Jack Stock.	14,000

LIVE STOCK, 1918.

910,000	Dairy Cows.
1,782,000	Other Cattle.
4,708,000	Swine.
1,466,000	Sheep.
1,040,000	Horses.
367,000	Mules.

1915 1916 CROPS.

34,108,000	16,575,000	Bu. Wheat.
209,450,000	132,112,000	Bu. Corn.
31,850,000	32,250,000	Bu. Oats.
125,000	100,000	Bu. Barley.
333,000	231,000	Bu. Rye.
45,000	50,000	Bu. Buckwheat.
48,000	35,000	Bu. Flaxseed.
10,000	10,000	Bu. Rice.
8,820,000	5,460,000	Bu. White Potatoes.
700,000	490,000	Bu. Sweet Potatoes.
4,636,000	4,355,000	Tons Tame Hay.
150,000	154,000	Tons Wild Hay.
47,999	62,000	Bales Cotton.
3,150,000	3,040,000	Pounds Tobacco.
6,287,000	2,700,000	Barrels Apples.
3,300,000	1,080,000	Bu. Peaches.
294,000	164,000	Bu. Pears.
4,890,000	4,625,000	Pounds Wool.

1917 CROP.

27,540,000	Bu. Wheat.
252,000,000	Bu. Corn.
59,200,000	Bu. Oats.
150,000	Bu. Barley.
441,000	Bu. Rye.
90,000	Bu. Buckwheat.
51,000	Bu. Flaxseed.
18,000	Bu. Rice.
9,183,000	Bu. White Potatoes.
896,000	Bu. Sweet Potatoes.
3,657,000	Tons Tame Hay.
139,000	Tons Wild Hay.
000	Lbs. Tobacco.
51,000	Bales Cotton.
92,000	Bu. Beans.
18,000	Bu. Peanuts.
85,000	Bu. Clover Seed.
12,375,000	Bu. Apples.
800,000	Bu. Peaches.
265,000	Bu. Pears.

MONTANA

Has 26,214 Farms.
Average 516.7 Acres.

242,633 Farm Population.

1916.	LIVE STOCK.	1917.
129,000	Dairy Cows.	148,000
891,000	Other Cattle.	983,000
298,000	Swine.	269,000
3,911,000	Sheep.	3,744,000
4,500	Goats.	5,000
430,000	Horses.	452,000
4,000	Mules.	4,000

LIVE STOCK, 1918.

179,000	Dairy Cows.
980,000	Other Cattle.
215,000	Swine.
3,045,000	Sheep.
506,000	Horses.
5,000	Mules.

1915 1916 CROPS.

33,285,000	28,655,000	Bu. Wheat.
1,960,000	1,850,000	Bu. Corn.
31,200,000	25,080,000	Bu. Oats.
2,720,000	2,660,000	Bu. Barley.
225,000	205,000	Bu. Rye.
1,890,000	3,088,000	Bu. Flaxseed.

6,045,000	4,875,000 Bu. White Potatoes.
1,550,000	1,402,000 Tons Tame Hay.
701,004	581,000 Tons Wild Hay.
347,000	256,000 Barrels Apples.
12,000	6,000 Bu. Pears.
26,950,000	24,570,000 Pounds Wool.

1917 CROP.

17,963,000	Bu. Wheat.
1,012,000	Bu. Corn.
13,600,000	Bu. Oats.
1,350,000	Bu. Barley.
114,000	Bu. Rye.
000	Bu. Buckwheat.
1,266,000	Bu. Flaxseed.
000	Bu. Rice.
5,415,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,063,000	Tons Tame Hay.
402,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
911,000	Bu. Apples.
000	Bu. Peaches.
11,000	Bu. Pears.

NEBRASKA

Has 129,678 Farms.

Average 297.8 Acres.

881,362 Farm Population.

1916.	LIVE STOCK.	1917.
650,000	Dairy Cows.	676,000
2,237,000	Other Cattle.	2,249,000
4,266,000	Swine.	4,309,000
374,000	Sheep.	581,000
3,000	Goats.	3,500
1,028,000	Horses.	1,018,000
98,000	Mules.	112,000
2,100	Jack Stock.	2,200

LIVE STOCK, 1918.

703,000	Dairy Cows.
2,803,000	Other Cattle.
4,200,000	Swine.
408,000	Sheep.
1,049,000	Horses.
118,000	Mules.

1915 1916 CROPS.

72,154,000	68,550,000 Bu. Wheat.
213,000,000	192,400,000 Bu. Corn.
70,400,000	79,875,000 Bu. Oats.
3,255,000	3,080,000 Bu. Barley.
3,500,000	3,072,000 Bu. Rye.
20,000	17,000 Bu. Buckwheat.
77,000	32,000 Bu. Flaxseed.
11,550,000	7,665,000 Bu. White Potatoes.
4,290,000	4,070,000 Tons Tame Hay.
3,480,000	3,130,000 Tons Wild Hay.
1,267,000	567,000 Barrels Apples.
120,000	29,000 Bu. Peaches.
18,000	10,000 Bu. Pears.
1,665,000	1,830,000 Pounds Wool.

1917 CROP.

13,764,000	Bu. Wheat.
249,480,000	Bu. Corn.
115,444,000	Bu. Oats.
5,644,000	Bu. Barley.
3,354,000	Bu. Rye.
32,000	Bu. Buckwheat.
28,000	Bu. Flaxseed.
000	Bu. Rice.
12,495,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
2,544,000	Tons Tame Hay.
2,611,000	Tons Wild Hay.
000	Lbs. Tobacco.
5,000	Bu. Clover Seed.
2,400,000	Bu. Apples.
000	Bu. Peaches.
14,000	Bu. Pears.

NEVADA

Has 2,689 Farms.

Average 1,009.6 Acres.

68,508 Farm Population.

1916.	LIVE STOCK.	1917.
25,000	Dairy Cows.	26,000
472,000	Other Cattle.	470,000
40,000	Swine.	37,000
1,532,000	Sheep.	1,455,000
4,800	Goats.	5,000
77,000	Horses.	73,000
3,000	Mules.	3,000

LIVE STOCK, 1918.

28,000	Dairy Cows.
517,000	Other Cattle.

37,000	Swine.
1,630,000	Sheep.
75,000	Horses.
3,000	Mules.
1915	1916 CROPS.
1,660,000	1,592,000 Bu. Wheat.
35,000	34,000 Bu. Corn.
585,000	602,000 Bu. Oats.
576,000	492,000 Bu. Barley.
2,236,000	2,660,000 Bu. White Potatoes.
675,000	540,000 Tons Tame Hay.
225,000	171,000 Tons Wild Hay.
40,000	16,000 Barrels Apples.
7,000	1,000 Bu. Peaches.
4,000	2,000 Bu. Pears.
9,500,000	10,000,000 Pounds Wool.

1917 CROP.

1,140,000	Bu. Wheat.
60,000	Bu. Corn.
560,000	Bu. Oats.
420,000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
3,105,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
679,000	Tons Tame Hay.
270,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
192,000	Bu. Apples.
6,000	Bu. Peaches.
6,000	Bu. Pears.

NEW HAMPSHIRE

Has 27,053 Farms.

Average 120.1 Acres.

175,473 Farm Population.

1916.	LIVE STOCK.	1917.
97,000	Dairy Cows.	97,000
65,000	Other Cattle.	63,000
55,900	Swine.	53,000
37,000	Sheep.	35,000
47,000	Horses.	44,000

LIVE STOCK, 1918.

102,000	Dairy Cows.
71,000	Other Cattle.
56,000	Swine.
37,000	Sheep.
45,000	Horses.

1915 1916 CROPS.

990,000	874,000 Bu. Corn.
456,000	444,000 Bu. Oats.
30,000	28,000 Bu. Barley.
30,000	20,000 Bu. Buckwheat.
1,520,000	1,800,000 Bu. White Potatoes.
504,000	767,000 Tons Tame Hay.
17,000	23,000 Tons Wild Hay.
140,000	165,000 Pounds Tobacco.
353,000	532,000 Barrels Apples.
58,000	24,000 Bu. Peaches.
18,000	25,000 Bu. Pears.
185,000	185,000 Pounds Wool.

1917 CROP.

000	Bu. Wheat.
1,092,000	Bu. Corn.
532,000	Bu. Oats.
31,000	Bu. Barley.
000	Bu. Rye.
38,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
2,247,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
683,000	Tons Tame Hay.
21,000	Tons Wild Hay.
167,000	Lbs. Tobacco.
000	Bales Cotton.
100,000	Bu. Beans.
1,035,000	Bu. Apples.
47,000	Bu. Peaches.
19,000	Bu. Pears.

NEW JERSEY

Has 33,487 Farms.

Average 76.9 Acres.

629,957 Farm Population.

1916.	LIVE STOCK.	1917.
152,000	Dairy Cows.	155,000
73,000	Other Cattle.	74,000
161,000	Swine.	163,000
29,000	Sheep.	29,000

92,000 Horses. 92,000
4,000 Mules. 4,000

LIVE STOCK, 1918.

152,000	Dairy Cows.	
74,000	Other Cattle.	
174,000	Swine.	
26,000	Sheep.	
90,000	Horses.	
4,000	Mules.	

1915 1916 CROPS.

1,560,000	1,800,000	Bu. Wheat.
10,830,000	10,800,000	Bu. Corn.
2,275,000	2,070,000	Bu. Oats.
1,420,000	1,330,000	Bu. Rye.
210,000	285,000	Bu. Buckwheat.
12,090,000	10,370,000	Bu. White Potatoes.
3,565,000	2,300,000	Bu. Sweet Potatoes.
523,000	585,000	Tons Tame Hay.
34,000	45,000	Tons Wild Hay.
184,000	163,000	Barrels Cranberries.
777,000	750,000	Barrels Apples.
1,275,000	662,000	Bu. Peaches.
596,000	687,000	Bu. Pears.
95,000	80,000	Pounds Wool.

1917 CROP.

1,691,000	Bu. Wheat.	
12,771,000	Bu. Corn.	
2,482,000	Bu. Oats.	
000	Bu. Barley.	
1,276,000	Bu. Rye.	
288,000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
000	Bu. Rice.	
11,172,000	Bu. White Potatoes.	
2,880,000	Bu. Sweet Potatoes.	
508,000	Tons Tame Hay.	
44,000	Tons Wild Hay.	
000	Lbs. Tobacco.	
000	Bales Cotton.	
80,000	Bu. Beans.	
2,041,000	Bu. Apples.	
871,000	Bu. Peaches.	
590,000	Bu. Pears.	

NEW MEXICO

Has 35,676 Farms.
Average 315.9 Acres.

280,730 Farm Population

1916.	LIVE STOCK.	1917.
76,000	Dairy Cows.	85,000
1,090,000	Other Cattle.	1,145,000
91,000	Swine.	101,000
3,440,000	Sheep.	3,300,000
412,000	Goats.	420,000
234,000	Horses.	250,000
17,000	Mules.	19,000
11,800	Jack Stock.	12,000

LIVE STOCK, 1918.

88,000	Dairy Cows.	
1,179,000	Other Cattle.	
86,000	Swine.	
3,135,000	Sheep.	
272,000	Horses.	
19,000	Mules.	

1915 1916 CROPS.

2,156,000	2,104,000	Bu. Wheat.
2,730,000	2,625,000	Bu. Corn.
2,160,000	1,856,000	Bu. Oats.
264,000	308,000	Bu. Barley.
800,000	816,000	Bu. White Potatoes.
442,000	370,000	Tons Tame Hay.
25,000	13,000	Tons Wild Hay.
368,000	425,000	Bu. Beans.
273,000	119,000	Barrels Apples.
154,000	40,000	Bu. Peaches.
64,000	36,000	Bu. Pears.
18,620,000	18,240,000	Pounds Wool.

1917 CROP.

2,582,000	Bu. Wheat.	
3,400,000	Bu. Corn.	
1,350,000	Bu. Oats.	
364,000	Bu. Barley.	
000	Bu. Rye.	
000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
000	Bu. Rice.	
1,276,000	Bu. White Potatoes.	
236,000	Bu. Sweet Potatoes.	
1,384,000	Tons Tame Hay.	
28,000	Tons Wild Hay.	
000	Lbs. Tobacco.	
000	Bales Cotton.	
958,000	Bu. Beans.	
3,510,000	Bu. Apples.	
657,000	Bu. Peaches.	
46,000	Bu. Pears.	

NEW YORK

Has 215,597 Farms.
Average 102.2 Acres.

1,928,120 Farm Population.

1916.	LIVE STOCK.	1917.
1,539,000	Dairy Cows.	1,539,000
939,000	Other Cattle.	939,000
799,000	Swine.	759,000
849,000	Sheep.	840,000
3,400	Goats.	4,000
609,000	Horses.	609,000
4,000	Mules.	4,000

LIVE STOCK, 1918.

1,524,000	Dairy Cows.	
1,005,000	Other Cattle.	
842,000	Swine.	
840,000	Sheep.	
597,000	Horses.	

1915 1916 CROPS.

9,750,000	9,030,000	Bu. Wheat.
24,200,000	16,200,000	Bu. Corn.
54,270,000	31,356,000	Bu. Oats.
2,720,000	1,887,000	Bu. Barley.
2,805,000	2,718,000	Bu. Rye.
5,320,000	3,480,000	Bu. Buckwheat.
22,010,000	22,400,000	Bu. White Potatoes.
5,300	4,404	Acres Celery.
359,000	96,000	Tons Cabbage.
3,602,137	1,292,265	Bu. Onions.
5,850,000	7,290,000	Tons Tame Hay.
55,000	104,000	Tons Wild Hay.
5,280,000	4,551,000	Pounds Tobacco.
1,250,000	120,000	Bu. Beans.
8,528,000	12,600,000	Barrels Apples.
2,106,000	1,215,000	Bu. Peaches.
1,375,000	1,675,000	Bu. Pears.
3,480,000	3,550,000	Pounds Wool.

1917 CROP.

8,385,000	Bu. Wheat.	
26,040,000	Bu. Corn.	
44,625,000	Bu. Oats.	
3,080,000	Bu. Barley.	
2,565,000	Bu. Rye.	
5,940,000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
000	Bu. Rice.	
38,000,000	Bu. White Potatoes.	
000	Bu. Sweet Potatoes.	
6,110,000	Tons Tame Hay.	
58,000	Tons Wild Hay.	
3,125,000	Lbs. Tobacco.	
000	Bales Cotton.	
1,575,000	Bu. Beans.	
349,680	Tons Cabbage.	
2,880,000	Lbs. Hops.	
12,000	Bu. Clover Seed.	
14,059,000	Bu. Apples.	
2,244,000	Bu. Peaches.	
1,708,000	Bu. Pears.	

NORTH CAROLINA

Has 253,725 Farms.
Average 88.4 Acres.

1,887,813 Farm Population.

1916.	LIVE STOCK.	1917.
321,000	Dairy Cows.	315,000
387,000	Other Cattle.	364,000
1,601,000	Swine.	1,550,000
170,000	Sheep.	140,000
35,000	Goats.	36,000
182,000	Horses.	185,000
196,000	Mules.	200,000
1,000	Jack Stock.	1,100

LIVE STOCK, 1918.

309,000	Dairy Cows.	
375,000	Other Cattle.	
1,464,000	Swine.	
137,000	Sheep.	
187,000	Horses.	
207,000	Mules.	

1915 1916 CROPS.

10,335,000	9,975,000	Bu. Wheat.
44,050,000	53,650,000	Bu. Corn.
8,050,000	6,562,000	Bu. Oats.
575,000	534,000	Bu. Rye.
175,000	175,000	Bu. Buckwheat.
4,000	4,000	Bu. Rice.
3,150,000	3,230,000	Bu. White Potatoes.
8,925,000	9,309,000	Bu. Sweet Potatoes.
648,000	507,000	Tons Tame Hay.
60,000	44,000	Tons Wild Hay.
708,000	646,000	Bales Cotton.
198,400,000	176,000,000	Pounds Tobacco.
1,972,000	2,358,000	Barrels Apples.
1,955,000	897,000	Bu. Peaches.

150,000	75,000 Bu. Pears.
345,000	570,000 Pounds Wool.
	1917 CROP.
9,765,000	Bu. Wheat.
60,000,000	Bu. Corn.
5,780,000	Bu. Oats.
000	Bu. Barley.
520,000	Bu. Rye.
240,000	Bu. Buckwheat.
000	Bu. Flaxseed.
5,000	Bu. Rice.
4,500,000	Bu. White Potatoes.
8,550,000	Bu. Sweet Potatoes.
528,000	Tons Tame Hay.
10,000	Tons Wild Hay.
204,750,000	Lbs. Tobacco.
570,000	Bales Cotton.
7,676,000	Bu. Peanuts.
6,156,000	Bu. Apples.
1,541,000	Bu. Peaches.
150,000	Bu. Pears.

NORTH DAKOTA

Has 74,360 Farms.
Average 382.3 Acres.

513,820 Farm Population.

1916.	LIVE STOCK.	1917.
373,000	Dairy Cows.	410,000
577,000	Other Cattle.	629,000
706,000	Swine.	650,000
250,000	Sheep.	250,000
1,000	Goats.	1,000
801,000	Horses.	825,000
9,000	Mules.	9,000

LIVE STOCK, 1918.

434,000	Dairy Cows.
650,000	Other Cattle.
507,000	Swine.
252,000	Sheep.
842,000	Horses.
9,000	Mules.

1915 1916 CROPS.

151,970,000	39,352,000 Bu. Wheat.
9,800,000	13,515,000 Bu. Corn.
98,000,000	53,750,000 Bu. Oats.
44,800,000	26,738,000 Bu. Barley.
2,700,000	1,655,000 Bu. Rye.
6,534,000	8,137,000 Bu. Flaxseed.
7,200,000	6,975,000 Bu. White Potatoes.
650,000	884,000 Tons Tame Hay.
2,500,000	2,670,000 Tons Wild Hay.
1,260,000	1,350,000 Pounds Wool.

1917 CROP.

56,000,000	Bu. Wheat.
5,310,000	Bu. Corn.
38,625,000	Bu. Oats.
22,812,000	Bu. Barley.
9,880,000	Bu. Rye.
000	Bu. Buckwheat.
3,764,000	Bu. Flaxseed.
000	Bu. Rice.
3,870,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
484,000	Tons Tame Hay.
1,417,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
000	Bu. Peaches.
000	Bu. Pears.
000	Bu. Apples.

OHIO

Has 272,045 Farms.
Average 88.6 Acres.

2,101,978 Farm Population.

1916.	LIVE STOCK.	1917.
922,000	Dairy Cows.	950,000
872,000	Other Cattle.	863,000
3,713,000	Swine.	3,527,000
3,067,000	Sheep.	2,944,000
5,600	Goats.	6,000
901,000	Horses.	892,000
26,000	Mules.	26,000

LIVE STOCK, 1918.

940,000	Dairy Cows.
954,000	Other Cattle.
3,774,000	Swine.
3,091,000	Sheep.
883,000	Horses.
26,000	Mules.

1915 1916 CROPS.

40,194,000	20,250,000 Bu. Wheat.
156,040,000	115,762,000 Bu. Corn.

69,003,000	48,076,000 Bu. Oats.
930,000	917,000 Bu. Barley.
1,750,000	1,088,000 Bu. Rye.
414,000	336,000 Bu. Buckwheat.
12,546,000	6,300,000 Bu. White Potatoes.
95,000	99,000 Bu. Sweet Potatoes.
1,058	1,097 Acres Celery.
27,100	11,900 Tons Cabbage.
272,034	1,445,109 Bu. Onions.
4,049,000	4,867,000 Tons Tame Hay.
3,000	3,000 Tons Wild Hay.
84,320,000	95,000,000 Pounds Tobacco.
289,000	183,000 Tons Sugar Beets.
5,984,000	2,867,000 Barrels Apples.
2,399,000	1,305,000 Bu. Peaches.
60,000	376,000 Bu. Pears.
13,600,000	13,650,000 Pounds Wool.

1917 CROP.

41,140,000	Bu. Wheat.
150,100,000	Bu. Corn.
78,100,000	Bu. Oats.
1,320,000	Bu. Barley.
430,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
16,000,000	Bu. White Potatoes.
95,000	Bu. Sweet Potatoes.
4,154,000	Tons Tame Hay.
3,000	Tons Wild Hay.
99,072,000	Lbs. Tobacco.
000	Bales Cotton.
242,300	Tons Sugar Beets.
35,000	Bu. Beans.
38,610	Tons Cabbage.
171,000	Bu. Clover Seed.
6,336,000	Bu. Apples.
496,000	Bu. Peaches.
334,000	Bu. Pears.

OKLAHOMA

Has 190,192 Farms.
Average 151.7 Acres.

1,337,000 Farm Population.

1916.	LIVE STOCK.	1917.
519,000	Dairy Cows.	535,000
1,186,000	Other Cattle.	1,222,000
1,491,000	Swine.	1,372,000
95,000	Sheep.	104,000
23,000	Goats.	26,000
743,000	Horses.	743,000
232,000	Mules.	276,000
5,900	Jack Stock.	6,000

LIVE STOCK, 1918.

562,000	Dairy Cows.
1,404,000	Other Cattle.
1,219,000	Swine.
208,000	Sheep.
737,000	Horses.
276,000	Mules.

1915 1916 CROPS.

36,540,000	29,585,000 Bu. Wheat.
123,900,000	53,325,000 Bu. Corn.
37,800,000	15,070,000 Bu. Oats.
212,000	100,000 Bu. Barley.
81,000	90,000 Bu. Rye.
2,975,000	1,802,000 Bu. White Potatoes.
1,380,000	962,000 Bu. Sweet Potatoes.
1,053,000	825,000 Tons Tame Hay.
791,000	645,000 Tons Wild Hay.
630,000	835,000 Bales Cotton.
780,000	275,000 Bu. Apples.
2,408,000	500,000 Bu. Peaches.
68,000	11,000 Bu. Pears.
490,000	500,000 Pounds Wool.

1917 CROP.

36,650,000	Bu. Wheat.
33,150,000	Bu. Corn.
26,450,000	Bu. Oats.
162,000	Bu. Barley.
90,000	Bu. Rye.
2,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
2,484,000	Bu. White Potatoes.
1,350,000	Bu. Sweet Potatoes.
920,000	Tons Tame Hay.
450,000	Tons Wild Hay.
000	Lbs. Tobacco.
890,000	Bales Cotton.
000	Tons Sugar Beets.
000	Bu. Beans.
22,400,000	Bu. Kafir.
26,250	Tons Broom Corn.
544,000	Bu. Peanuts.
1,300,000	Bu. Apples.
1,150,000	Bu. Peaches.
45,000	Bu. Pears.

OREGON

Has 45,705 Farms.
Average 256.8 Acres.

365,705 Farm Population.

1916.	LIVE STOCK.	1917.
21,600	Dairy Cows.	222,000
553,000	Other Cattle.	577,000
396,000	Swine.	315,000
2,563,000	Sheep.	2,484,000
185,000	Goats.	188,000
295,000	Horses.	286,000
10,000	Mules.	10,000

LIVE STOCK, 1918.

227,000	Dairy Cows.
683,000	Other Cattle.
309,000	Swine.
2,448,000	Sheep.
309,000	Horses.
10,000	Mules.
1915	1916 CROPS.
20,025,000	19,550,000 Bu. Wheat.
1,155,000	1,310,000 Bu. Corn.
16,060,000	17,280,000 Bu. Oats.
4,680,000	5,390,000 Bu. Barley.
414,000	510,000 Bu. Rye.
5,520,000	8,250,000 Bu. White Potatoes.
276,400	363,500 Bu. Onions.
1,870,000	1,955,000 Tons Tame Hay.
268,000	220,000 Tons Wild Hay.
1,043,000	1,285,000 Barrels Apples.
432,000	276,000 Bu. Peaches.
525,000	555,000 Bu. Pears.
14,820,000	13,200,000 Pounds Wool.

1917 CROP.

12,811,000	Bu. Wheat.
1,260,000	Bu. Corn.
9,125,000	Bu. Oats.
5,278,000	Bu. Barley.
356,000	Bu. Rye.
600	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
8,100,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,638,000	Tons Tame Hay.
218,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
5,000,000	Lbs. Hops.
30,000	Bu. Clover Seed.
3,500,000	Bu. Apples.
250,000	Bu. Peaches.
600,000	Bu. Pears.

PENNSYLVANIA

Has 219,295 Farms.
Average 84.8 Acres.

3,034,441 Farm Population.

1916.	LIVE STOCK.	1917.
971,000	Dairy Cows.	980,000
657,000	Other Cattle.	664,000
1,210,000	Swine.	1,174,000
856,000	Sheep.	835,000
3,800	Goats.	4,000
602,000	Horses.	596,000
47,000	Mules.	48,000

LIVE STOCK, 1918.

960,000	Dairy Cows.
717,000	Other Cattle.
1,291,000	Swine.
913,000	Sheep.
590,000	Horses.
48,000	Mules.
1915	1916 CROPS.
24,605,000	26,125,000 Bu. Wheat.
58,520,520	56,550,000 Bu. Corn.
43,320,000	25,030,000 Bu. Oats.
236,000	300,000 Bu. Barley.
4,932,000	4,420,000 Bu. Rye.
5,751,000	3,780,000 Bu. Buckwheat.
20,160,000	19,040,000 Bu. White Potatoes.
105,000	100,000 Bu. Sweet Potatoes.
2,737	2,553 Acres Celery.
101,000	71,400 Bu. Onions.
4,340,000	5,208,000 Tons Tame Hay.
14,000	23,000 Tons Wild Hay.
42,390,000	49,096,000 Pounds Tobacco.
5,085,000	6,207,000 Barrels Apples.
2,044,000	1,058,000 Bu. Peaches.
494,000	509,000 Bu. Pears.
4,030,000	4,225,000 Pounds Wool.

1917 CROP.

24,482,000	Bu. Wheat.
62,212,000	Bu. Corn.

41,125,000	Bu. Oats.
364,000	Bu. Barley.
4,420,000	Bu. Rye.
6,300,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
29,532,000	Bu. White Potatoes.
110,000	Bu. Sweet Potatoes.
4,329,000	Tons Tame Hay.
15,000	Tons Wild Hay.
58,100,000	Lbs. Tobacco.
104,000	Bu. Beans.
7,000	Bu. Clover Seed.
12,150,000	Bu. Apples.
1,440,000	Bu. Peaches.
448,000	Bu. Pears.

RHODE ISLAND

Has 5,292 Farms.
Average 83.8 Acres.

17,956 Farm Population.

1916.	LIVE STOCK.	1917.
22,000	Dairy Cows.	22,000
10,000	Other Cattle.	11,000
15,000	Swine.	14,000
6,000	Sheep.	5,000
9,000	Horses.	8,000

LIVE STOCK, 1918.

21,000	Dairy Cows.
12,000	Other Cattle.
16,000	Swine.
6,000	Sheep.
8,000	Horses.
1915	1916 CROPS.
516,000	341,000 Bu. Corn.
66,000	54,000 Bu. Oats.
550,000	370,000 Bu. White Potatoes.
71,000	81,000 Tons Tame Hay.
1,000	1,000 Tons Wild Hay.
59,000	87,000 Barrels Apples.
29,000	14,000 Bu. Peaches.
10,000	14,000 Bu. Pears.
25,000	25,000 Pounds Wool.

1917 CROP.

000	Bu. Wheat.
546,000	Bu. Corn.
62,000	Bu. Oats.
000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
675,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
90,000	Tons Tame Hay.
1,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
198,000	Bu. Apples.
20,000	Bu. Peaches.
7,000	Bu. Pears.

SOUTH CAROLINA

Has 176,434 Farms.
Average 76.6 Acres.

1,290,568 Farm Population.

1916.	LIVE STOCK.	1917.
189,000	Dairy Cows.	189,000
215,000	Other Cattle.	215,000
917,000	Swine.	920,000
30,000	Sheep.	30,000
27,000	Goats.	26,000
84,000	Horses.	85,000
171,000	Mules.	174,000

LIVE STOCK, 1918.

193,000	Dairy Cows.
232,000	Other Cattle.
966,000	Swine.
31,000	Sheep.
85,000	Horses.
179,000	Mules.
1915	1916 CROPS.
2,430,000	2,226,000 Bu. Wheat.
35,558,000	32,008,000 Bu. Corn.
9,975,000	9,000,000 Bu. Oats.
30,000	49,000 Bu. Rye.
90,000	49,000 Bu. Rice.
880,000	750,000 Bu. White Potatoes.
6,235,000	5,676,000 Bu. Sweet Potatoes.
236,000	325,000 Tons Tame Hay.
14,000	15,000 Tons Wild Hay.
1,160,000	920,000 Bales Cotton.
37,700,000	20,280,000 Pounds Tobacco.
221,000	196,000 Barrels Apples.

864,000	541,000 Bu. Peaches.
91,000	56,000 Bu. Pears.
100,000	95,000 Pounds Wool.
1917 CROP.	
1,838,000	Bu. Wheat.
43,947,000	Bu. Corn.
6,000,000	Bu. Oats.
000	Bu. Rye.
170,000	Bu. Buckwheat.
000	Bu. Flaxseed.
75,000	Bu. Rice.
1,440,000	Bu. White Potatoes.
7,600,000	Bu. Sweet Potatoes.
280,000	Tons Tame Hay.
10,000	Tons Wild Hay.
51,120,000	Lbs. Tobacco.
1,235,000	Bales Cotton.
450,000	Bu. Peanuts.
818,000	Bu. Apples.
1,130,000	Bu. Peaches.
100,000	Bu. Pears.

SOUTH DAKOTA

Has 77,644 Farms.
Average 335.1 Acres.

507,215	Farm Population.	
1916.	LIVE STOCK.	1917.
485,000	Dairy Cows.	524,000
1,064,000	Other Cattle.	1,181,000
1,314,000	Swine.	1,432,000
604,000	Sheep.	658,000
2,100	Goats.	2,400
759,000	Horses.	774,000
15,000	Mules.	15,000

LIVE STOCK, 1918.

555,000	Dairy Cows.
1,438,000	Other Cattle.
1,504,000	Swine.
750,000	Sheep.
811,000	Horses.
16,000	Mules.

1915 1916 CROPS.

63,762,000	24,825,000 Bu. Wheat.
94,250,000	84,075,000 Bu. Corn.
72,450,000	56,425,000 Bu. Oats.
24,009,000	18,728,000 Bu. Barley.
3,900,000	4,500,000 Bu. Rye.
1,650,000	1,395,000 Bu. Flaxseed.
4,280,000	4,290,000 Bu. White Potatoes.
1,220,000	1,387,000 Tons Tame Hay.
4,340,000	3,909,000 Tons Wild Hay.
100,000	116,000 Barrels Apples.
3,150,000	3,560,000 Pounds Wool.

1917 CROP.

52,024,000	Bu. Wheat.
97,150,000	Bu. Corn.
65,450,000	Bu. Oats.
26,520,000	Bu. Barley.
5,600,000	Bu. Rye.
000	Bu. Buckwheat.
950,000	Bu. Flaxseed.
000	Bu. Rice.
7,200,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,102,000	Tons Tame Hay.
2,925,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
349,000	Bu. Apples.
000	Bu. Peaches.
000	Bu. Pears.

TENNESSEE

Has 246,012 Farms.
Average 81.5 Acres.

1,743,744	Farm Population.	
1916.	LIVE STOCK.	1917.
366,000	Dairy Cows.	366,000
513,000	Other Cattle.	528,000
1,531,000	Swine.	1,485,000
661,000	Sheep.	650,000
43,000	Goats.	44,000
349,000	Horses.	350,000
272,000	Mules.	270,000
7,900	Jack Stock.	8,000

LIVE STOCK, 1918.

373,000	Dairy Cows.
554,000	Other Cattle.
1,634,000	Swine.
606,000	Sheep.
350,000	Horses.
273,000	Mules.

1915	1916	CROPS.
9,030,000	7,958,000	Bu. Wheat.
94,500,000	84,500,000	Bu. Corn.
8,746,000	7,560,000	Bu. Oats.
144,000	237,000	Bu. Barley.
189,000	150,000	Bu. Rye.
54,000	54,000	Bu. Buckwheat.
3,168,000	2,952,000	Bu. White Potatoes.
2,835,000	2,790,000	Bu. Sweet Potatoes.
1,396,000	1,449,000	Tons Tame Hay.
32,000	38,000	Tons Wild Hay.
295,000	378,000	Bales Cotton.
69,675,000	81,760,000	Pounds Tobacco.
2,025,000	1,772,000	Barrels Apples.
2,460,000	1,080,000	Bu. Peaches.
195,000	59,000	Bu. Pears.
1,870,000	1,870,000	Pounds Wool.

1917 CROP.

4,830,000	Bu. Wheat.
111,150,000	Bu. Corn.
7,350,000	Bu. Oats.
120,000	Bu. Barley.
120,000	Bu. Rye.
68,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
4,888,000	Bu. White Potatoes.
2,850,000	Bu. Sweet Potatoes.
1,142,000	Tons Tame Hay.
31,000	Tons Wild Hay.
81,810,000	Lbs. Tobacco.
206,000	Bales Cotton.
60,000	Bu. Beans.
450,000	Bu. Peanuts.
12,000	Bu. Clover Seed.
5,000,000	Bu. Apples.
900,000	Bu. Peaches.
75,000	Bu. Pears.

TEXAS

Has 417,770 Farms.
Average 269.1 Acres.

2,958,438	Farm Population.	
1916.	LIVE STOCK.	1917.
1,119,000	Dairy Cows.	1,175,000
5,428,000	Other Cattle.	5,482,000
3,197,000	Swine.	3,329,000
2,156,000	Sheep.	2,328,000
1,135,000	Goats.	1,150,000
1,180,000	Horses.	1,156,000
768,000	Mules.	760,000
20,000	Jack Stock.	21,000

LIVE STOCK, 1918.

1,128,000	Dairy Cows.	
4,660,000	Other Cattle.	
3,068,000	Swine.	
2,188,000	Sheep.	
1,212,000	Horses.	
808,000	Mules.	
1915	1916	CROPS.
22,862,000	13,200,000	Bu. Wheat.
175,070,000	131,100,000	Bu. Corn.
44,375,000	42,750,000	Bu. Oats.
252,000	153,000	Bu. Barley.
34,000	20,000	Bu. Rye.
7,920,000	10,575,000	Bu. Rice.
2,730,000	2,000,000	Bu. White Potatoes.
5,880,000	7,120,000	Bu. Sweet Potatoes.
765,000	576,000	Tons Tame Hay.
343,000	262,000	Tons Wild Hay.
3,175,000	3,775,000	Bales Cotton.
100,000	140,000	Pounds Tobacco.
187,000	156,000	Barrels Apples.
4,235,000	3,025,000	Bu. Peaches.
301,000	322,000	Bu. Pears.
9,750,000	10,250,000	Pounds Wool.

1917 CROP.

16,200,000	Bu. Wheat.
77,285,000	Bu. Corn.
37,050,000	Bu. Oats.
180,000	Bu. Barley.
20,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
6,210,000	Bu. Rice.
2,760,000	Bu. White Potatoes.
6,552,000	Bu. Sweet Potatoes.
450,000	Tons Tame Hay.
164,000	Tons Wild Hay.
134,000	Lbs. Tobacco.
3,115,000	Bales Cotton.
14,766,000	Bu. Kaffrs.
688	Tons Broom Corn.
16,200,000	Bu. Peanuts.
345,000	Bu. Apples.
2,352,000	Bu. Peaches.
280,000	Bu. Pears.

UTAH

Has 21,676 Farms.
Average 156.7 Acres.

200,417 Farm Population.

1916.	LIVE STOCK.	1917.
96,000	Dairy Cows.	91,000
408,000	Other Cattle.	408,000
112,000	Swine.	101,000
2,089,000	Sheep.	2,089,000
28,000	Goats.	29,000
146,000	Horses.	138,000
2,000	Mules.	2,000
1,100	Jack Stock.	1,200

LIVE STOCK, 1918.

96,000	Dairy Cows.
457,000	Other Cattle.
102,000	Swine.
2,340,000	Sheep.
145,000	Horses.
2,000	Mules.
1915	1916 CROPS.
8,825,000	6,900,000 Bu. Wheat.
412,000	429,000 Bu. Corn.
4,700,000	4,480,000 Bu. Oats.
1,445,000	1,224,000 Bu. Barley.
202,000	144,000 Bu. Rye.
2,500,000	3,600,000 Bu. White Potatoes.
985,000	845,000 Tons Tame Hay.
110,000	102,000 Tons Wild Hay.
691,000	941,000 Tons Sugar Beets.
142,000	33,000 Barrels Apples.
212,000	90,000 Bu. Peaches.
31,000	12,000 Bu. Pears.
15,000,000	15,000,000 Pounds Wool.

1917 CROP.

5,650,000	Bu. Wheat.
500,000	Bu. Corn.
4,400,000	Bu. Oats.
1,221,000	Bu. Barley.
104,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
4,347,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,137,000	Tons Tame Hay.
119,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
776,400	Tons Sugar Beets.
650,000	Bu. Apples.
900,000	Bu. Peaches.
48,000	Bu. Pears.

VERMONT

Has 32,709 Farms.
Average 142.6 Acres.

187,013 Farm Population.

1916.	LIVE STOCK.	1917.
273,000	Dairy Cows.	281,000
170,000	Other Cattle.	172,000
113,000	Swine.	113,000
100,000	Sheep.	100,000
89,000	Horses.	89,000

LIVE STOCK, 1918.

295,000	Dairy Cows.
189,000	Other Cattle.
120,000	Swine.
106,000	Sheep.
89,000	Horses.
1915	1916 CROPS.
30,000	25,000 Bu. Wheat.
2,256,000	1,935,000 Bu. Corn.
3,483,000	2,560,000 Bu. Oats.
420,000	412,000 Bu. Barley.
17,000	20,000 Bu. Rye.
216,000	210,000 Bu. Buckwheat.
2,592,000	2,576,000 Bu. White Potatoes.
1,310,000	1,666,000 Tons Tame Hay.
14,000	18,000 Tons Wild Hay.
130,000	160,000 Pounds Tobacco.
321,000	1,104,000 Barrels Apples.
17,000	24,000 Bu. Pears.
590,000	580,000 Pounds Wool.

1917 CROP.

60,000	Bu. Wheat.
2,538,000	Bu. Corn.
3,168,000	Bu. Oats.
493,000	Bu. Barley.
20,000	Bu. Rye.
286,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.

3,000,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,531,000	Tons Tame Hay.
13,000	Tons Wild Hay.
165,000	Lbs. Tobacco.
100,000	Bu. Beans.
1,286,000	Bu. Apples.
000	Bu. Peaches.
14,000	Bu. Pears.

VIRGINIA

Has 184,018 Farms.
Average 105.9 Acres.

1,585,083 Farm Population.

1916.	LIVE STOCK.	1917.
359,000	Dairy Cows.	373,000
472,000	Other Cattle.	486,000
1,023,000	Swine.	1,023,000
734,000	Sheep.	686,000
7,000	Goats.	7,000
361,000	Horses.	361,000
64,000	Mules.	61,000

LIVE STOCK, 1918.

377,000	Dairy Cows.
510,000	Other Cattle.
1,105,000	Swine.
686,000	Sheep.
365,000	Horses.
65,000	Mules.

1915 1916 CROPS.

16,974,000	16,250,000 Bu. Wheat.
60,562,000	60,990,000 Bu. Corn.
5,625,000	5,750,000 Bu. Oats.
348,000	358,000 Bu. Barley.
1,015,000	938,000 Bu. Rye.
520,000	480,000 Bu. Buckwheat.
17,500,000	16,250,000 Bu. White Potatoes.
3,740,000	5,070,000 Bu. Sweet Potatoes.
945,000	1,066,000 Tons Tame Hay.
12,900	6,100 Tons Cabbage.
9,000	9,000 Tons Wild Hay.
16,800	29,000 Bales Cotton.
144,375,000	129,200,000 Pounds Tobacco.
4,393,000	4,433,000 Barrels Apples.
1,300,000	598,000 Bu. Peaches.
261,000	122,000 Bu. Pears.
1,835,000	1,900,000 Pounds Wool.

1917 CROP.

17,920,000	Bu. Wheat.
72,275,000	Bu. Corn.
5,512,000	Bu. Oats.
360,000	Bu. Barley.
1,155,000	Bu. Rye.
696,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
19,800,000	Bu. White Potatoes.
4,160,000	Bu. Sweet Potatoes.
986,000	Tons Tame Hay.
10,000	Tons Wild Hay.
129,500,000	Lbs. Tobacco.
16,000	Bales Cotton.
15,050	Tons Cabbage.
5,775,000	Bu. Peanuts.
9,974,000	Bu. Apples.
800,000	Bu. Peaches.
194,000	Bu. Pears.

WASHINGTON

Has 56,192 Farms.
Average 208.4 Acres.

536,460 Farm Population.

1916.	LIVE STOCK.	1917.
263,000	Dairy Cows.	263,000
221,000	Other Cattle.	275,000
314,000	Swine.	283,000
568,000	Sheep.	585,000
8,500	Goats.	9,000
308,000	Horses.	305,000
15,000	Mules.	18,000

LIVE STOCK, 1918.

266,000	Dairy Cows.
294,000	Other Cattle.
283,000	Swine.
661,000	Sheep.
309,000	Horses.
19,000	Mules.
1915	1916 CROPS.
50,394,000	37,635,000 Bu. Wheat.
1,053,000	1,406,000 Bu. Corn.
13,750,000	14,300,000 Bu. Oats.
7,263,000	6,814,000 Bu. Barley.
146,000	102,000 Bu. Rye.
8,235,000	9,900,000 Bu. White Potatoes.

LIVE STOCK, 1918.

1,785,000	Dairy Cows.
1,394,000	Other Cattle.
2,019,000	Swine.
651,000	Sheep.
708,000	Horses.
3,000	Mules.

1915

4,632,000	3,315,000	Bu. Wheat.
40,825,000	60,840,000	Bu. Corn.
99,175,000	81,400,000	Bu. Oats.
23,288,000	18,300,000	Bu. Barley.
7,770,000	6,055,000	Bu. Rye.
234,000	280,000	Bu. Buckwheat.
94,000	60,000	Bu. Flaxseed.
25,926,000	13,630,000	Bu. White Potatoes.
134,300	58,000	Tons Cabbage.
36,000	31,000	Barrels Cranberries.
285,950	220,932	Bu. Onions.
4,508,000	4,420,000	Tons Tame Hay.
420,000	481,000	Tons Wild Hay.
36,900,000	55,753,000	Pounds Tobacco.
2,250,000	2,510,000	Pounds Wool.
23,000	26,000	Bu. Pears.
1,473,000	873,000	Barrels Apples.

1917 CROP.

5,327,000	Bu. Wheat.
42,196,000	Bu. Corn.
99,000,000	Bu. Oats.
19,200,000	Bu. Barley.
7,585,000	Bu. Rye.
281,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
34,998,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
4,595,000	Tons Tame Hay.
427,000	Tons Wild Hay.
45,885,000	Lbs. Tobacco.
000	Bales Cotton.
262,000	Bu. Beans.
121,900	Tons Cabbage.
300,000	Bu. Clover Seed.
3,029,000	Bu. Apples.
000	Bu. Peaches.
000	Bu. Pears.

WYOMING

Has 10,987 Farms.
Average 717 Acres.
102,744 Farm Population.

1916.	LIVE STOCK.	1917.
50,000	Dairy Cows.	55,000
703,000	Other Cattle.	825,000
70,000	Swine.	69,000
4,328,000	Sheep.	4,381,000
3,000	Goats.	3,000
180,000	Horses.	191,000
2,000	Mules.	3,000

LIVE STOCK, 1918.

64,000	Dairy Cows.
891,000	Other Cattle.
54,000	Swine.
4,100,000	Sheep.
209,000	Horses.
4,000	Mules.

1915

3,315,000	3,560,000	Bu. Wheat.
625,000	550,000	Bu. Corn.
9,534,000	8,575,000	Bu. Oats.
612,000	825,000	Bu. Barley.
180,000	155,000	Bu. Rye.
26,000	14,000	Bu. Flaxseed.
2,400,000	2,340,000	Bu. White Potatoes.
1,210,000	1,044,000	Tons Tame Hay.
259,000	255,000	Tons Wild Hay.
29,200,000	31,000,000	Pounds Wool.

1917 CROP.

4,206,000	Bu. Wheat.
660,000	Bu. Corn.
9,468,000	Bu. Oats.
783,000	Bu. Barley.
252,000	Bu. Rye.
000	Bu. Buckwheat.
20,000	Bu. Flaxseed.
000	Bu. Rice.
4,650,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
952,000	Tons Tame Hay.
300,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
000	Bu. Apples.
000	Bu. Peaches.
000	Bu. Pears.

WEST VIRGINIA

Has 96,685 Farms.
Average 103.7 Acres.

992,877 Farm Population.

1916.	LIVE STOCK.	1917.
341,000	Dairy Cows.	245,000
362,000	Other Cattle.	369,000
378,000	Swine.	380,000
796,000	Sheep.	715,000
5,700	Goats.	6,000
194,000	Horses.	196,000
12,000	Mules.	12,000

LIVE STOCK, 1918.

245,000	Dairy Cows.
373,000	Other Cattle.
422,000	Swine.
751,000	Sheep.
196,000	Horses.
12,000	Mules.

1915 1916 CROPS.

4,500,000	4,640,000	Bu. Wheat.
25,200,000	22,112,000	Bu. Corn.
3,480,000	3,220,000	Bu. Oats.
224,000	320,000	Bu. Rye.
836,000	659,000	Bu. Buckwheat.
5,850,000	4,224,000	Bu. White Potatoes.
220,000	280,000	Bu. Sweet Potatoes.
1,065,000	1,270,000	Tons Tame Hay.
7,000	7,000	Tons Wild Hay.
9,831,000	12,690,000	Pounds Tobacco.
2,512,000	3,334,000	Barrels Apples.
1,164,000	520,000	Bu. Peaches.
63,000	42,000	Bu. Pears.
2,750,000	2,750,000	Pounds Wool.

1917 CROP.

4,410,000	Bu. Wheat.
25,020,000	Bu. Corn.
3,861,000	Bu. Oats.
000	Bu. Barley.
270,000	Bu. Rye.
900,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
7,475,000	Bu. White Potatoes.
280,000	Bu. Sweet Potatoes.
1,003,000	Tons Tame Hay.
7,000	Tons Wild Hay.
9,040,000	Lbs. Tobacco.
144,000	Bu. Beans.
5,994,000	Bu. Apples.
608,000	Bu. Peaches.
33,000	Bu. Pears.

WISCONSIN

Has 177,127 Farms.
Average 119.0 Acres.

1,329,540 Farm Population.

1916.	LIVE STOCK.	1917.
1,675,000	Dairy Cows.	1,750,000
1,313,000	Other Cattle.	1,340,000
2,142,000	Swine.	2,060,000
664,000	Sheep.	645,000
5,000	Goats.	5,000
712,000	Horses.	715,000
3,000	Mules.	3,000

LIVE STOCK BY COUNTRIES.

The following is a statement issued by the Department of Agriculture, showing the cattle, hogs, sheep and horses in different countries before the war and according to latest available reports. The before-the-war figures were obtained in 1913 and 1914 and the later reports in 1916 and 1917:

Country.	Before the War Number.	Latest Reports Number.
CATTLE.		
BRAZIL.....	30,705,000	28,962,000
CANADA.....	6,533,000	5,968,000
DENMARK.....	2,463,000	2,458,000
FRANCE.....	14,788,000	12,443,000
JAPAN.....	1,389,000	1,388,000
NETHERLANDS.....	2,097,000	2,304,000
NEW ZEALAND.....	2,020,000	2,503,000
NORWAY.....	1,146,000	1,119,000
PARAGUAY.....	2,461,000	5,249,000
ROMANIA.....	2,667,000	2,938,000
RUSSIA, European, ex- cluding Poland.....	28,926,000	37,563,000
SPAIN.....	2,870,000	3,071,000
SWEDEN.....	2,721,000	2,913,000
SWITZERLAND.....	1,443,000	1,616,000
UNITED KINGDOM.....	12,145,000	12,342,000
UNITED STATES.....	56,592,000	66,830,000
URUGUAY.....	8,193,000	7,803,000

SHEEP.

BRAZIL.....	10,653,000	7,205,000
CANADA.....	2,175,000	2,009,000
DENMARK.....	515,000	480,000
FRANCE.....	16,213,000	10,587,000
NETHERLANDS.....	842,000	521,000
NEW ZEALAND.....	23,996,000	24,753,000
NORWAY.....	1,327,000	1,281,000
PARAGUAY.....	222,000	600,000
ROMANIA.....	5,269,000	7,811,000
RUSSIA, European, ex- cluding Poland.....	37,691,000	59,951,000
SPAIN.....	16,441,000	16,012,000
SWEDEN.....	988,000	1,198,000
SWITZERLAND.....	161,000	172,000
UNITED KINGDOM.....	27,552,000	27,770,000
UNITED STATES.....	49,719,000	48,900,000

SWINE.

BRAZIL.....	18,399,000	17,329,000
CANADA.....	2,497,000	2,514,000
DENMARK.....	3,610,000	1,651,000
FRANCE.....	7,048,000	4,300,000
NETHERLANDS.....	1,350,000	1,185,000
NEW ZEALAND.....	349,000	278,000
NORWAY.....	228,000	221,000
PARAGUAY.....	37,000	61,000
ROMANIA.....	1,021,000	1,382,000
RUSSIA, European, ex- cluding Poland.....	12,133,000	16,300,000
SPAIN.....	2,710,000	2,814,000
SWEDEN.....	968,000	1,065,000
SWITZERLAND.....	570,000	544,000
UNITED KINGDOM.....	3,940,000	2,999,000
UNITED STATES.....	58,933,000	71,374,000

HORSES.

CANADA.....	2,596,000	3,035,000
DENMARK.....	568,000	572,000
FRANCE.....	3,231,000	2,283,000
NEW ZEALAND.....	404,000	367,000
NORWAY.....	182,000	189,000
ROMANIA.....	825,000	1,219,000
RUSSIA, European, ex- cluding Poland.....	20,601,000	23,008,000
SPAIN.....	542,000	489,000
SWEDEN.....	596,000	701,000
UNITED KINGDOM.....	1,915,000	2,181,000
UNITED STATES.....	20,962,000	21,563,000

It was The National Farmer and Stock Grower of St. Louis, Mo., that originated the movement whereby so many farmers are now raising their own pure-bred seed corn.

The Delaware—the fourth great American grape—found in a New Jersey garden in the year 1850.

FRENCH HARVESTS.

Vice Consul Beeler, at Bordeaux, reports that the office of Commercial Information has just published the results of its inquiry

on the extent of the different harvests in France in 1917. The following are the figures of 1916 and 1917:

Crop.	1916.	1917.
Maize, Bushels.....	15,493,280	15,102,120
Millet, Bushels.....	564,357	1,072,607
Buckwheat, Bushels.....	10,044,503	15,667,006
Potatoes, Bushels....	321,974,033	400,498,267
Rutabagas and Turn- ips, Bushels.....	92,304,300	92,832,813
Artichokes, Bushels.....	54,541,173	57,863,281
Cabbage, Forage, Tons.....	6,067,667	6,274,503
Sugar Beets, Tons....	2,187,482	2,319,350
Beets.....		
Forage, Tons.....	17,040,152	17,698,615
For Distilling, Tons.....	870,650	772,717
Hay, Tons.....	42,611,825	35,638,278
Flaxseed, Bushels.....	146,322	150,088
Hempseed, Bushels.....	181,412	92,184
Hops, Pounds.....	4,348,960	3,928,760
Tobacco, Pounds.....	32,216,540	17,106,540
Peas, Bushels.....	547,925	385,025
Beans:		
Dry, Bushels.....	3,008,753	3,567,723
Lima, Bushels.....	1,600,264	1,081,835
Lentils, Bushels....	155,763	77,476

YEARLY MARKETING OF LIVE STOCK.

The following tabulated statement furnished by the United States Department of Agriculture gives the combined receipts and shipments of hogs, cattle and sheep at Chicago, Kansas City, Omaha, St. Louis, Sioux City, St. Joseph and St. Paul yearly since 1900. The receipts less shipments represent the home slaughter at the combined seven markets. The shipments include the stock sold for shipment and slaughter elsewhere.

CATTLE AT SEVEN MARKETS.

Year.	Receipts.	Shipments, Slaughtered.
1900....	7,179,314	3,793,308
1901....	7,708,839	3,880,460
1902....	8,375,408	4,292,705
1903....	8,878,789	4,490,748
1904....	8,690,699	4,552,554
1905....	9,202,082	4,964,753
1906....	9,373,825	5,026,689
1907....	9,590,710	5,360,790
1908....	8,827,360	4,936,731
1909....	9,189,312	5,181,446
1910....	9,116,687	5,122,984
1911....	8,629,109	4,805,766
1912....	8,061,494	4,318,648
1913....	7,904,552	4,596,085
1914....	7,182,239	3,933,663
1915....	7,903,591	3,934,152
1916....	9,319,851	4,713,700
1917....	11,241,038	5,676,015

HOGS AT SEVEN MARKETS.

Year.	Receipts.	Shipments, Slaughtered.
1900....	18,573,177	5,336,826
1901....	20,339,861	5,772,717
1902....	17,289,427	4,130,675
1903....	16,780,250	4,233,572
1904....	17,778,827	5,254,545
1905....	18,988,933	5,614,309
1906....	19,223,792	5,440,335
1907....	19,544,617	5,993,068
1908....	22,863,701	7,288,403
1909....	18,854,641	6,381,667
1910....	14,853,472	4,618,760
1911....	19,256,547	6,118,246
1912....	19,721,825	6,096,906
1913....	19,924,331	6,414,815
1914....	18,272,091	5,816,069
1915....	21,031,405	6,823,983
1916....	25,345,802	8,264,752
1917....	20,945,301	7,151,995

SHEEP AT SEVEN MARKETS.

Year.	Receipts.	Shipments, Slaughtered.
1900....	7,061,466	2,500,686
1901....	7,798,359	2,712,866
1902....	9,177,050	3,561,060
1903....	9,680,692	3,983,810
1904....	9,004,812	4,203,834
1905....	10,572,259	4,725,872
1906....	10,364,437	5,046,366
1907....	9,857,877	4,519,000
1908....	9,833,640	4,489,295
1909....	10,284,905	4,172,388
1910....	12,366,375	6,013,215
1911....	13,521,492	5,891,034
1912....	13,733,980	5,369,402
1913....	14,037,833	6,046,260
1914....	13,272,491	5,331,449
1915....	11,160,246	4,370,504
1916....	11,639,022	4,640,615
1917....	10,017,353	4,534,489

Farmers and Laborers.

The United States Census is responsible for the figures presented herewith, and it shows that the working farm population was 12,389,840 in 1910, and by adding 10 per cent. the total now is 13,628,824. The laborers and farm foremen enumerated were included originally in 1910 in the list of farm laborers, but now it will be nearer the correct total if the farm foremen and garden laborers are allowed to represent the increase.

State.	Total Farmers.	Total Farm Laborers.	Farm Fore- men, Etc., Laborers.	Garden, Etc., Laborers.
MAINE.	47,509	25,822	381	754
N. H.	20,175	14,380	284	536
VT.	27,673	21,028	297	382
MASS.	28,897	38,755	1,502	8,910
R. I.	4,368	6,908	201	1,483
CONN.	21,514	24,501	631	3,011
N. Y.	197,458	175,427	2,857	17,275
N. J.	30,639	45,429	905	6,965
PENN.	190,509	162,084	2,381	8,917
DEL.	10,325	12,417	87	331
MD.	44,143	65,808	843	3,737
VA.	165,417	183,509	1,543	3,358
W. VA.	87,286	72,789	568	844
N. C.	242,456	359,881	1,067	1,482
S. C.	172,387	338,461	1,206	919
GA.	286,662	433,777	1,843	2,168
FLA.	47,690	70,063	1,099	3,425
OHIO.	253,263	164,198	2,127	5,161
IND.	206,475	136,496	1,536	1,862
ILL.	248,636	198,877	2,079	5,823
MICH.	190,771	122,106	1,324	2,693
WIS.	170,605	125,940	1,040	1,527
MINN.	155,867	122,828	932	1,922
IOWA.	215,290	138,434	1,371	1,835
MO.	274,412	178,801	1,552	2,668
N. D.	76,274	54,548	566	100
S. D.	77,235	47,452	305	136
NEB.	129,593	72,898	658	650
KAN.	179,014	95,061	963	1,198
KY.	252,463	169,935	1,038	1,433
TENN.	293,752	230,658	896	1,934
ALA.	256,046	406,205	985	1,479
MISS.	271,120	400,835	1,261	1,047
LA.	118,806	216,544	1,998	1,968
TEXAS.	417,529	510,239	1,824	3,303
OKLA.	194,684	153,532	641	474
ARK.	211,042	255,151	944	967
MONT.	28,206	25,205	336	587
WYO.	11,879	12,797	109	62
COLO.	48,646	36,117	474	1,557
N. M.	32,488	33,631	159	397
ARIZ.	9,524	12,211	134	187
UTAH.	20,479	16,762	97	421
NEV.	3,033	5,542	109	85
IDAHO.	32,064	23,393	260	421
WASH.	57,565	40,433	787	3,065
OREGON	46,070	33,312	536	1,969
CALIF.	90,696	121,202	2,855	422,199
U. S.	6,147,635	6,242,205	47,591	133,927

SCOTTISH AGRICULTURE.

The Board of Scottish Agriculture has issued a preliminary statement showing the estimated yield of wheat, barley, oats and hay in Scotland in the year 1917, with comparative figures for 1916:

Area.	Total Produce.	Area.	Total Produce.
1916.	1917.	1916.	1917.
Acres.	Acres.	Bushels.	Bushels.
WHEAT.			
63,083	60,932	2,264,000	2,432,000
BARLEY.			
169,735	159,134	5,176,000	5,640,000
OATS.			
990,589	1,041,343	36,224,000	43,576,000
ROTATION GRASS.			
Acres.	Acres.	Long Tons.	Long Tons.
420,099	421,502	760,000	657,000
PERMANENT GRASS.			
114,787	112,758	178,000	141,000
TIMOTHY.			
44,436	47,591	97,000	103,000

ASPARAGUS, GREEN BEANS AND BEETS.

For general information, the number of farms reporting the production of asparagus, green beans and table beets are here given. The information was gained in a normal census year. The total amount of products is not included, for the reason that some of these vegetables have no standard units of packages. This is not an up-to-date report; it is, however, the latest obtainable.

Produc- tions.	Asparagus. Farms.	Green Beans. Farms.	Table Beets, Farms.
State.	Acres.	Acres.	Acres.
ALA.	16	58	427
ARIZ.	9	17	27
ARK.	3	9	150
CALIF.	229	9,399	591
COLO.	73	103	74
CONN.	70	165	93
DEL.	183	410	11
D. C.	10	32	27
FLA.	3	6	1,517
GA.	17	75	596
IDAHO			16
ILL.	609	2,241	476
IND.	37	81	245
IOWA.	98	237	44
KAN.	63	120	75
KY.	44	62	3,589
LA.	2	11	400
MAINE			44
MD.	183	554	838
MASS.	327	776	370
MICH.	154	275	303
MINN.	83	149	54
MISS.	12	32	570
MO.	75	103	284
MONT.			5
NEB.	21	32	9
NEV.	9	27	2
N. H.	10	23	19
N. J.	1,343	5,148	1,286
N. M.	5	24	113
N. Y.	434	1,003	1,225
N. C.	41	138	1,263
N. D.	2	3	7
OHIO.	176	303	433
OKLA.	5	7	30
ORE.	19	74	58
PENN.	449	1,191	392
R. I.	24	93	66
S. C.	122	1,773	539
S. D.	4	6	11
TENN.	49	139	1,411
TEXAS.	18	50	597
UTAH.	48	99	14
VT.	3	4	9
VA.	79	301	1,131
WASH.	80	194	58
W. VA.	5	5	1,768
WIS.	54	87	160
WYO.			4
Total.	5,300	25,639	21,561

TEA PRODUCTION OF THE WORLD.

The world's production of tea in 1915-16 broke all records. India, Ceylon and Java produced 100,000,000 pounds more than in 1914-15; the Indian harvest alone surpassed by more than 55,500,000 pounds that of the preceding year. The quality of the harvest was not remarkable. Shipments from Java amounted to 96,000,000 pounds, an increase of 12,000,000 pounds over the shipments of 1914-15. The world's consumption of tea has tripled in the last thirty years, although the production in China has remained about stationary.

ITALIAN RICE CROP OF 1917.

Consul Dumont at Florence, Italy, reports that according to the Statistica Agraria for September, 1917, the yield of rice in all Italy for 1917 is estimated at 564,444 tons of 2,000 pounds each, as compared with 573,371 tons in 1916, and 551,220 tons as the average crop of the eight years, 1909 to 1916.

One of the comforting statements in regard to increased production relates to navy beans. Dry edible beans is the way they appear in government reports.

CABBAGE, CAULIFLOWER, KALE.

During the year the last census was taken the United States had 43,843 farms reporting cabbages on 125,998 acres; 1,060 farms raising cauliflower, occupying 3,466 acres, and 337 farms producing kale on 1,495 acres. Although changes have been made since the census was taken, this is a good line of basic information for purpose of comparison.

State.	Cabbage. Farms. Acres.	Cauliflower. Farms. Acres.	Kale. Farms. Acres.
ALA....	351 1,366	1 1	....
ALA....	254 1,366	1 1	....
ARIZ....	66 147	....	....
ARK....	139 206	....	2 3
CALIF....	591 3,647	87 790	14 22
COLO....	733 2,568	11 30	....
CONN....	111 733	8 18	1 2
DEL....	118 200	....	....
D. C....	38 102	....	20 33
FLA....	755 3,028	52 105	....
GA....	497 806	....	1 2
IDAHO....	159 289	1 2	....
ILL....	1,740 5,207	112 227	....
IND....	1,016 2,107	1 1	6 9
IOWA....	501 2,789	5 6	....
KAS....	366 1,007	2 2	1 2
KY....	395 738	6 7	65 105
LA....	531 1,962	8 21	....
MAINE....	185 353	4 4	....
MD....	1,276 3,481	2 19	48 153
MASS....	1,227 2,442	75 126	5 11
MICH....	1,832 4,314	22 39	....
MINN....	858 2,315	11 16	....
MISS....	582 1,396	....	....
MO....	635 959	17 45	25 43
MONT....	178 359	3 7	....
NEB....	164 348	1 1	....
NEV....	30 43	2 3	....
N. H....	90 163	1 1	....
N. J....	1,991 4,864	35 85	4 12
N. M....	62 106	....	....
N. Y....	11,321 35,669	505 1,720	14 34
N. C....	655 1,371	....	....
N. D....	80 109	....	....
OHIO....	2,436 6,279	19 30	11 12
OKLA....	68 127	1 1	....
OREGON....	255 591	14 34	12 31
PENN....	3,106 5,679	4 4	1 1
R. I....	93 192	2 3	2 3
S. C....	241 1,828	....	....
S. D....	79 175	....	....
TENN....	769 1,189	....	....
TEXAS....	1,066 4,462	9 18	....
UTAH....	114 210	6 10	....
VT....	75 98	....	....
VA....	2,516 8,680	....	101 1,013
WASH....	405 934	13 22	....
W. VA....	139 212	....	4 4
WIS....	2,947 10,506	14 68	....
WYO....	24 32	....	....
U. S....	43,843 125,998	1,060 3,466	337 1,495

VEGETABLES FROM BERMUDA.

Vegetables constitute a large percentage of the exports from Bermuda to the United States, and of these potatoes is the most important article, followed by onions, parsley and carrots. The following table shows the exports of vegetables invoiced at the American consulate at Hamilton, Bermuda, for the United States during the past two years:

Articles.	1915. Value. \$	1916. Value. \$
Beans, green.....	623	820
Beets (not sugar), crates..	12,077	23,721
Carrots, crates.....	22,093	25,706
Celery, crates.....	12,112	21,201
Kale, barrels.....	2,136	2,132
Lettuce, crates.....	12,715	10,910
Onions, bushels.....	71,206	119,703
Parsley, crates.....	34,097	49,654
Potatoes (not sweet), bushels	209,784	286,447
All other vegetables (green)	812	1,175

Hops were first cultivated in England about the year 1520.

About the year 1521, Cortez, the Spanish commander, entering Anahuac, the Aztec capital of Mexico, discovered buffalo in the menagerie of the King Montezuma.

ONIONS, TOMATOES AND TURNIPS.

The number of farms on which onions, tomatoes and turnips are specially produced and the amount of acreage devoted to these crops is only ascertained once in ten years. These are the figures of the last census: 14,989 farms devoted 47,625 acres to onions, 64,751 farms devoted 207,379 acres to tomatoes and 11,732 farms devoted 22,324 acres to turnips.

State.	Onions. Farms. Acres.	Tomatoes. Farms. Acres.	Turnips. Farms. Acres.
ALA....	65 92	289 566	206 733
ARIZ....	42 87	29 46	15 32
ARK....	67 108	513 1,704	217 332
CALIF....	572 4,391	935 5,932	190 418
COLO....	193 577	486 1,646	101 164
CONN....	117 282	313 621	467 749
DEL....	19 24	4,234 13,108	35 55
D. C....	3 5	52 33	33 68
FLA....	51 80	2,580 12,338	44 85
GA....	122 189	402 756	224 445
IDAHO....	59 83	29 42	23 35
ILL....	1,136 3,315	2,339 5,316	336 677
IND....	1,111 4,048	4,890 18,472	344 579
IOWA....	371 849	621 2,055	105 169
KAS....	131 243	558 1,237	136 336
KY....	1,100 1,959	1,133 3,574	205 307
LA....	690 2,909	258 448	216 423
MAINE....	13 25	46 60	332 472
MD....	67 111	9,741 42,721	501 965
MASS....	718 2,493	680 1,228	620 1,068
MICH....	578 1,130	1,434 2,850	898 1,497
MINN....	585 1,099	313 499	260 443
MISS....	41 52	1,265 3,651	174 234
MO....	227 348	3,845 11,083	499 753
MONT....	56 119	13 16	39 69
NEB....	97 163	145 282	60 92
NEV....	39 124	9 10	9 17
N. H....	15 29	21 51	49 68
N. J....	697 1,417	6,273 26,352	526 1,410
N. M....	53 97	34 47	75 75
N. Y....	1,518 5,558	1,670 8,356	1,255 2,727
N. C....	58 81	369 232	383 383
N. D....	26 37	3 3	47 88
OHIO....	1,351 6,132	3,733 8,263	454 684
OKLA....	172 386	155 315	44 101
ORE....	218 721	129 203	80 141
PENN....	339 551	2,919 4,204	747 1,752
R. I....	24 152	92 187	109 196
S. C....	35 44	86 146	92 289
S. D....	58 104	33 62	48 93
TENN....	143 235	2,750 5,803	395 807
TEXAS....	964 5,170	2,460 6,035	375 655
UTAH....	57 72	590 1,571	10 12
VT....	23 29	14 18	35 64
VA....	522 787	3,957 11,965	340 592
WASH....	192 415	190 364	57 87
W. VA....	27 25	585 1,846	117 163
WIS....	304 650	293 363	363 683
WYO....	13 16	4 5	24 33
U. S....	14,989 47,625	64,751 207,379	11,732 22,324

GRAIN IMPORTS AND EXPORTS.

The following is the official statement of the grain imports and exports during the past three years, as compiled by the United States Department of Commerce:

	1914. Bushels.	1915. Bushels.	1916. Bushels.
Corn....	15,821,177	6,499,424	2,155,029
Oats....	9,429,010	363,891	2,585,217
Wheat..	1,714,130	4,052,001	8,571,509
Rice....	255,064,251	290,144,034	248,824,133
EXPORTS.			
	1914. Bushels.	1915. Bushels.	1916. Bushels.
Barley..	18,208,186	26,529,403	22,485,920
Buckwheat.	196,460	497,150	378,486
Corn....	15,626,149	48,263,642	53,543,227
Oats....	35,066,867	104,572,313	101,411,239
Wheat..	173,861,944	205,925,577	154,049,686

In a letter written in 1523 to friends in Europe, Alajandro Geraldine, then Bishop of Santo Domingo, mentions turkeys. He is regarded as the first author who refers to this fowl.

Be sure to buy a Liberty Bond.

NURSERY PRODUCT ESTABLISHMENTS.

In the United States, according to the last census, we have 5,582 farms devoted to the production of nursery products. The total acreage is 80,618. These establishments are valued at \$3,771 each, with an average value of \$261.12 per acre. This industry had a total value of \$10,123,873 in 1899, which was increased to \$21,050,822 in the year 1909.

State	No. of Farms.	State Acreage.	Farm Value.	Acre.
ALAB.	62	3,079	\$4,178	\$ 84.14
ARIZ.	11	18	412	251.94
ARK.	133	528	1,493	376.10
CALIF.	566	4,805	3,910	460.71
COLO.	61	241	1,182	299.13
CONN.	60	770	4,358	339.62
DEL.	19	182	2,056	214.60
FLA.	133	2,231	3,595	214.33
GA.	54	1,502	6,786	243.93
IDAHO.	26	530	5,509	270.25
ILL.	258	3,454	3,187	238.07
IND.	164	1,850	2,508	222.37
IOWA.	212	3,430	3,496	246.62
KAS.	120	4,003	7,904	236.95
KY.	77	542	1,506	213.95
LA.	60	502	1,461	174.59
MAINE.	17	57	1,367	407.79
MD.	71	4,240	6,435	107.76
MASS.	119	1,547	5,091	391.65
MICH.	313	3,034	2,054	211.86
MINN.	191	3,851	4,518	223.93
MISS.	34	533	2,204	140.61
MO.	186	2,459	2,846	215.29
MONT.	28	341	6,230	511.52
NEB.	90	1,997	6,145	276.94
NEV.	5	.....	99	.....
N. H.	9	24	1,322	495.71
N. J.	105	2,147	6,493	314.64
N. M.	17	24	540	382.58
N. Y.	608	8,680	4,523	316.93
N. C.	125	754	2,136	354.07
N. D.	49	472	633	65.67
OHIO.	272	4,718	3,163	182.36
OKLA.	90	857	1,911	200.64
OREGON.	112	2,168	6,991	361.17
PENN.	175	2,828	5,272	326.23
R. I.	27	212	2,798	356.34
S. C.	22	21	200	209.95
S. D.	30	399	2,361	177.51
TENN.	145	3,976	4,812	175.48
TEXAS.	223	3,847	5,378	325.74
UTAH.	38	577	4,959	326.61
VT.	9	37	1,224	297.68
VA.	69	569	2,319	281.18
WASH.	115	1,342	4,580	392.46
W. VA.	71	464	1,116	170.84
WIS.	152	755	1,980	398.71
WYO.	8	.....	210	.....
U. S.	5,582	80,618	\$3,771	\$261.12

FLORISTS' ESTABLISHMENTS.

In the United States, according to the last census, we have a total of 7,444 distinct and complete flower-growing establishments, with an output value of \$250 or over, the average output value being \$4,630 and the total value \$34,467,440. In these establishments are 9,489,546 square feet of ground, covered by sashes and frames, and 105,165,730 square feet covered by greenhouses.

State.	Estab-lish-ments, Number.	Sashes, Square Feet.	Green-houses, Square Feet.
ALABAMA.	31	28,175	435,400
ARIZONA.	5	3,080	26,730
ARKANSAS.	17	10,984	224,150
CALIFORNIA.	347	614,709	4,422,423
COLORADO.	73	36,399	1,244,425
CONNECTICUT.	206	215,418	2,636,063
DELAWARE.	27	11,740	233,087
DIST. OF COL.	40	17,080	9,038,513
FLORIDA.	29	143,597	568,190
GEORGIA.	37	125,550	741,672
IDAHO.	10	750	58,727
ILLINOIS.	581	1,569,926	14,380,927
INDIANA.	223	90,826	3,650,443
IOWA.	129	132,337	1,870,845
KANSAS.	90	53,077	728,421
KENTUCKY.	100	86,179	1,276,823
LOUISIANA.	54	86,762	260,711
MAINE.	89	82,445	624,472
MARYLAND.	156	124,516	2,051,068
MASSACHUSETTS.	643	564,424	6,817,585
MICHIGAN.	258	199,327	3,922,772
MINNESOTA.	87	86,438	1,332,758
MISSISSIPPI.	23	15,315	201,622
MISSOURI.	185	267,083	2,545,138
MONTANA.	17	19,915	289,021
NEBRASKA.	46	53,705	790,305
NEVADA.	1	.....	4,600
N. HAMPSHIRE.	57	32,444	718,848
NEW JERSEY.	530	855,759	7,984,752
NEW MEXICO.	8	27,302	59,752
NEW YORK.	1,110	1,189,730	13,876,857
N. CAROLINA.	32	16,286	176,853
N. DAKOTA.	9	22,520	48,150
OHIO.	572	490,586	7,091,977
OKLAHOMA.	31	9,778	148,737
OREGON.	72	44,336	672,207
PENNSYLVANIA.	814	959,000	12,887,682
RHODE ISLAND.	120	145,329	1,882,314
S. CAROLINA.	12	8,076	66,242
S. DAKOTA.	10	9,220	92,240
TENNESSEE.	42	157,500	1,079,374
TEXAS.	92	78,455	907,615
UTAH.	25	12,012	249,280
VERMONT.	28	15,860	162,339
VIRGINIA.	72	97,782	1,315,388
WASHINGTON.	119	282,356	1,257,616
W. VIRGINIA.	22	24,535	272,182
WISCONSIN.	160	131,452	1,875,853
WYOMING.	3	1,450	31,584
Total.	7,444	9,489,546	105,165,730

BARLEY ON FARMS.

The amount of barley on farms, March 1st, 1917, was about 32,841,000 bushels, or 38.2 per cent. of the 1916 crop, against 58,301,000 bushels, or 25.3 per cent., of the 1915 crop on farms, March 1st, 1916, and 42,889,000 bushels, or 22.0 per cent., of the 1914 crop on farms, March 1st, 1915. About 43.4 per cent. of the crop will be shipped out of the counties where grown, against 43.2 per cent. of the 1915 crop and 45.1 per cent. of the 1914 crop so shipped.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
N. Y.	546,000	762,000	415,000
ILL.	438,000	496,000	307,000
MICH.	608,000	627,000	416,000
WIS.	4,422,000	5,268,000	2,928,000
MINN.	8,424,000	10,675,000	5,748,000
IOWA.	2,053,000	2,216,000	1,566,000
N. D.	7,069,000	13,920,000	6,150,000
S. D.	5,083,000	6,960,000	3,746,000
NEB.	797,000	1,107,000	924,000
KAS.	1,940,000	3,264,000	1,440,000
MONT.	470,000	952,000	665,000
COLO.	1,031,000	1,166,000	1,126,000
UTAH.	374,000	303,000	184,000
IDAHO.	1,236,000	1,702,000	1,260,000
WASH.	1,349,000	1,452,000	1,022,000
OREGON.	549,000	936,000	1,078,000
CALIF.	5,468,000	5,127,000	2,999,000
U. S.	42,889,000	58,301,000	32,841,000

OATS ON FARMS.

The amount of oats on farms, March 1st, 1917, was about 393,985,000 bushels, or 31.5 per cent. of the 1916 crop, against 598,148,000 bushels, or 38.6 per cent., of the 1915 crop on farms, March 1st, 1916, and 379,369,000 bushels, or 33.2 per cent., of the 1914 crop on farms, March 1st, 1915. About 28.3 per cent. of the crop will be shipped out of the counties where grown, against 30.1 per cent. of the 1915 crop and 29.4 per cent. of the 1914 crop so shipped.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
N. Y.	15,262,000	23,336,000	10,034,000
PENN.	12,554,000	18,628,000	12,260,000
OHIO.	16,601,000	26,911,000	14,423,000
IND.	10,775,000	21,622,000	14,700,000
ILL.	36,537,000	72,311,000	56,791,000
MICH.	20,301,000	27,632,000	14,515,000
WIS.	22,356,000	41,990,000	28,490,000
MINN.	31,494,000	56,357,000	28,196,000
IOWA.	61,050,000	79,200,000	67,266,000
MO.	6,708,000	10,510,000	10,320,000
N. D.	27,909,000	52,920,000	21,500,000
S. D.	18,549,000	34,052,000	19,184,000
NEB.	29,232,000	31,680,000	35,145,000
KAS.	19,157,000	15,105,000	10,199,000
TEXAS.	4,725,000	11,715,000	6,412,000
OKLA.	6,958,000	12,028,000	2,111,000
MONT.	5,380,000	14,661,000	10,032,000
U. S.	379,369,000	598,148,000	393,985,000

CANTALOUPE, WATERMELONS, PUMPKINS.

According to the last census enumeration, 16,278 farms occupy 52,419 acres with the production of cantaloupes (and muskmelons), 35,345 farms occupy 137,005 acres with the production of watermelons and 361 farms cultivate 1,163 acres for the special production of pumpkins. These tables being arranged side by side and state by state, form an interesting basis of information. It is the latest available.

State.	Cantaloupes.		Watermelons.		Pumpkins.	
	Farms.	Acres.	Farms.	Acres.	Farms.	Acres.
ALA...	122	285	1,786	4,708	1	2
ARIZ...	110	432	328	735	21	54
ARK...	448	994	1,768	3,410		
CALIF.	656	5,784	988	6,065	137	511
COLO.	738	3,970	210	467	8	15
CONN.	70	159	30	54	4	7
DEL...	551	1,163	320	859	3	6
D. C.	32	69	5	9	1	2
FLA...	408	3,408	1,627	17,711	1	2
GA...	368	3,022	3,255	16,298		
IDAHO.	61	213	75	165	1	1
ILL...	927	2,332	1,192	6,215	12	89
IND...	994	3,855	1,677	7,915		
IOWA.	234	764	477	3,464	4	24
KAS...	203	417	1,029	3,317	4	24
KY...	357	594	779	1,690		
LA...	209	371	800	1,278	1	1
MAINE.	3	4			4	5
MD...	1,193	3,516	658	2,432	2	4
MASS.	32	51	21	31	10	42
MICH.	841	1,829	238	439	5	19
MINN.	195	453	59	103	7	13
MISS.	66	122	1,054	1,794		
MO...	758	1,701	1,709	10,727	7	11
MONT.	4	5	16	30		
NEB...	61	112	295	725	5	16
NEV...	57	399	24	34	1	4
N. H...	7	9			1	1
N. J...	1,494	3,861	896	2,226	24	67
N. M...	131	491	154	287	16	24
N. Y...	529	978	71	89	14	35
N. C...	626	2,256	1,895	5,825		
N. D...			77	96		
OHIO.	815	1,695	377	777	6	7
OKLA.	258	655	1,623	5,922	4	8
OREGON.	61	113	104	563	7	8
PENN.	216	333	128	241	6	9
R. I...	21	48	3	5	1	20
S. C...	214	977	1,082	5,051		
S. D...	18	31	119	212	10	12
TENN.	506	1,456	1,372	2,398	2	4
TEXAS.	795	1,685	5,271	18,466	12	71
UTAH.	109	192	87	137	2	2
VT...	13	31	4	10	2	6
VA...	491	969	1,304	3,159	5	12
WASH.	111	310	98	214	3	3
W. VA.	54	128	149	473	2	16
WIS...	111	187	105	168	4	5
WYO...			6	9	1	1

U. S. 16,278 52,419 35,345 137,005 361 1,163

MEAT PRODUCTS EXPORTED.

In the year 1914 meat products were exported to the value of \$137,737,493, which increased to \$259,064,321 in the year 1915, and increased again to the value of \$279,198,960 in the year 1916. The statement herewith is from the reports of the United States Department of Commerce.

	1914.	1915.	1916.
	Pounds.	Pounds.	Pounds.
Beef, canned	50,731,748	69,999,828	54,026,922
Bee, fresh...	31,422,462	268,813,397	181,979,031
Beef, pickled	23,779,449	42,746,813	36,681,148
Oleo Oil...	85,144,527	109,185,783	83,891,672
Oleomarg.	2,292,690	6,775,163	6,309,380
Tallow...	9,980,066	26,563,075	15,338,057
Bacon...	184,267,850	524,138,245	592,617,529
Hams and S...	142,398,301	266,442,819	287,161,195
Lard...	458,015,898	451,286,439	426,659,599
Neat Land...	21,797,521	35,389,913	27,314,774
Pork, canned	2,786,415	7,928,914	7,263,042
Pork, fresh.	1,250,977	24,230,183	55,172,863
Pork, pickled	37,006,108	59,047,397	55,148,024
Lard Comp.	63,355,911	63,869,995	49,821,709
Mutton....	3,847,093	4,230,928	5,157,883
Sausage....	5,092,436	13,345,189	11,998,350

In the year 1550 Evlya Effendi, a Turk, wrote an elaborate description of the Angora goat.

POP CORN, SWEET CORN AND GREEN PEAS.

The extent of acreage devoted to pop corn, sweet corn and to green peas, together with the number of farms engaged in each kind of industry, is presented herewith. The figures represent a normal year and were compiled by the United States Census.

State.	Pop Corn.		Sweet Corn.		Green Peas.	
	Farms.	Acres.	Farms.	Acres.	Farms.	Acres.
ALA...	12	16	57	175	191	426
ARIZ...	1	2	37	106	21	37
ARK...	16	24	74	145	79	180
CALIF.	59	361	809	2,854	787	3,427
COLO.	24	97	342	950	101	654
CONN.	13	19	902	2,142	124	232
DEL...	3	3	272	1,341	384	1,234
D. C.			23	47	20	40
FLA...			130	275	259	613
GA...	50	93	229	444	265	933
IDAHO	9	13	64	115	24	95
ILL...	189	998	2,431	19,376	340	2,821
IND...	109	357	2,058	7,977	771	4,084
IOWA.	428	5,345	2,013	12,568	58	397
KAS...	193	520	1,423	3,653	55	257
KY...	15	19	409	1,103	411	678
LA...	67	89	251	1,218	86	182
MAINE.	8	11	3,549	8,693	158	257
MD...	9	17	2,630	18,387	1,179	6,030
MASS.	31	93	1,976	4,942	288	547
MICH.	200	362	2,433	5,726	962	4,548
MINN.	73	266	803	2,829	141	316
MISS...	4	6	51	112	257	435
MO...	87	226	1,174	2,858	97	301
MONT.			79	164	7	10
NEB...	213	2,167	851	3,167	5	7
NEV...			18	23	3	7
N. H...	8	16	267	589	26	33
N. J...	17	34	2,705	10,442	876	4,912
N. M...	1	7	20	41	12	16
N. Y...	188	344	6,584	23,739	4,501	16,992
N. C...	7	16	211	369	339	835
N. D...	4	9	75	141	6	10
OHIO.	172	439	4,591	17,298	538	2,000
OKLA.	54	98	40	548	32	46
OREGON	14	54	211	457	60	116
PENN.	50	107	4,896	11,764	250	553
R. I...	4	4	317	790	76	205
S. C...	5	8	33	91	227	551
S. D...	31	31	194	579	6	82
TENN.	18	23	134	365	217	386
TEXAS.	52	92	167	418	311	742
UTAH.	8	16	75	120	138	323
VT...	8	48	285	1,110	26	39
VA...	10	18	751	2,101	1,053	2,292
WASH.	11	62	255	561	105	352
W. VA.	6	7	455	878	43	72
WIS...	54	184	936	3,789	1,340	11,182
WYO...			24	44		

Total. 2,523 12,773 18,514 178,224 17,219 70,487

RICE PRODUCTION OF 1917.

The final estimate of rice production of 1917 shows an increased acreage. A reduction of the production from 47 bushels per acre in 1916 to 37.6 bushels in 1917 brought about the decreased total crop.

State.	Planted Acres.	Yield Per Acre.	Production Bushels.
ALA.....	400	27.0	12,000
ARK.....	146,200	41.0	5,994,000
CALIF.....	80,000	70.0	5,600,000
FLA.....	800	26.0	21,000
GA.....	900	30.0	27,000
LA.....	500,000	36.5	18,250,000
MISS.....	2,100	30.0	63,000
MO.....	400	45.0	18,000
N. C.....	300	26.0	8,000
S. C.....	3,000	25.0	75,000
TEXAS.....	230,000	27.0	6,210,000

U. S. 964,100 37.6 36,278,000

In the record of the travels in 1541 of Francisco Vasquez de Coronado in the territory now comprised in the state of Kansas, he said: "All that way the plains are as full of crooked-back oxen (buffalo) as the Mountain of Serena in Spain is of sheep."

SMALL FRUITS.

The figures below are census figures, showing the total acreage in small fruits in all states, acreage 1899 and 1909, side by side, and production of small fruits in the last census year. No later figures are available:

State.	1899, Acres.	1909, Acres.	Production, 1909, Quarts.
ALABAMA...	761	1,232	1,907,193
ARIZONA...	79	76	112,190
ARKANSAS...	10,819	8,032	8,965,572
CALIFORNIA...	6,281	9,687	26,824,120
COLORADO...	2,347	2,829	4,294,938
CONNECTICUT...	1,987	1,597	3,323,522
DELAWARE...	10,599	8,687	14,425,209
DIST. OF COL...	82	12	24,109
FLORIDA...	1,348	1,356	2,396,573
GEORGIA...	1,634	988	1,262,155
IDAHO...	957	1,673	2,071,141
ILLINOIS...	16,794	11,723	13,602,676
INDIANA...	13,115	5,919	7,424,831
IOWA...	9,635	7,211	10,344,032
KANSAS...	5,824	5,400	5,477,274
KENTUCKY...	6,126	4,387	4,972,702
LOUISIANA...	1,408	3,587	6,420,207
MAINE...	1,585	1,260	2,285,415
MARYLAND...	17,522	16,595	26,277,054
MASSACHUSETTS...	8,346	9,552	29,260,143
MICHIGAN...	29,197	21,419	27,214,659
MINNESOTA...	3,092	3,738	4,476,575
MISSISSIPPI...	1,594	836	1,407,301
MISSOURI...	14,860	17,000	23,696,251
MONTANA...	554	562	766,791
NEBRASKA...	1,171	1,411	1,594,421
NEVADA...	53	37	50,287
N. HAMPSHIRE...	730	618	998,244
NEW JERSEY...	25,350	24,069	38,832,987
NEW MEXICO...	48	66	76,532
NEW YORK...	25,051	22,496	37,857,829
N. CAROLINA...	6,837	6,701	12,827,427
N. DAKOTA...	67	399	285,696
OHIO...	21,121	11,591	15,721,033
OKLAHOMA...	1,388	2,745	2,810,367
OREGON...	3,470	5,122	9,348,490
PENNSYLVANIA...	12,271	8,678	13,620,047
R. ISLAND...	581	281	437,560
S. CAROLINA...	591	856	1,408,099
S. DAKOTA...	161	419	401,295
TENNESSEE...	12,944	12,539	13,895,493
TEXAS...	3,904	5,053	6,182,742
UTAH...	1,052	1,416	3,118,395
VERMONT...	418	469	368,122
VIRGINIA...	8,796	7,295	11,342,980
WASHINGTON...	2,845	5,508	13,490,930
W. VIRGINIA...	1,994	2,913	2,336,562
WISCONSIN...	12,389	6,305	9,782,779
WYOMING...	37	106	96,883
	309,770	272,460	426,565,863

Cotton Acreage, 1916 and 1917.

The estimated cotton acreage for crop of 1917 is 1,452,000 acres less than in 1916 and 2,232 acres less than in 1914, when the largest acreage was planted and the largest crop was grown. The following figures were furnished by the United States Department of Agriculture in July:

State.	1916 Acres.	Per Cent. of 1916.	Area, 1917, Acres, Condi- tion.
VA.	42,000	112	47,000 82
N. C.	1,490,000	99	1,475,000 67
S. C.	2,950,000	100	2,950,000 71
GA.	5,450,000	95	5,178,000 69
FLA.	201,000	95	191,000 79
ALA.	3,469,000	72	2,498,000 65
MISS.	3,310,000	85	2,814,000 68
TEX.	2,160,000	105	1,323,000 74
ARK.	11,525,000	101	11,640,000 72
MO.	2,630,000	98	2,577,000 67
TEN.	895,000	99	886,000 70
NEB.	136,000	110	150,000 75
OKLA.	2,614,000	105	2,745,000 74
CALIF.	55,000	120	66,000 93
ARIZ.	12,000	...	45,000 87
ALL OTHER.	13,000	...	15,000 ...
U. S.	36,052,000	96	34,600,000 70.3

SMALL FRUITS.

The Number of Farms Reporting the Class of Berries Raised Upon Them.

In the United States, during the last census year, 1909, a total of 272,460 farms produced more or less small fruits and on some farms more than one berry was raised. The farms reported as raising strawberries were 216,544; blackberries and dewberries, 141,157; raspberries and Loganberries, 116,929; cranberries, 3,910; currants, 62,093; gooseberries, 58,567; and other berries, 609. The total production was 426,565 quarts, and valued at \$29,974,481. Ten years previous the number of farms reporting were 309,770, and the production was 463,218,612 quarts.

The tabulated statement presented herewith represents the number of farms in each state growing different kinds of berries.

State.	1909. Strawberries, Farms....	Blackberries, Farms....	Raspberries, Farms....	Cranberries, Farms....	Currants, Farms....	Gooseberries, Farms....
ALA.	1,958	632	169	1	15	40
ARIZ.	68	40	17	...	10	4
ARK.	3,869	1,430	449	4	58	391
CALIF.	2,282	3,190	2,524	12	364	343
COLO.	1,231	384	1,071	...	1,049	842
CONN.	2,260	555	943	105	570	130
DEL.	3,625	650	237	...	23	39
D. OF C.	16	2	2	...	3	1
FLA.	1,014	210	8	...	3	...
GA.	1,394	648	159	...	36	10
IDAHO.	1,605	500	2,086	...	1,374	1,390
ILL.	10,311	14,136	8,156	166	3,635	8,131
IND.	5,433	5,216	4,114	3	2,680	4,088
IA.	19,871	15,874	12,574	4	6,906	3,882
KAS.	3,967	6,912	1,678	...	829	1,928
KY.	3,983	8,911	1,650	...	295	1,336
LA.	874	187	7	...	...	...
ME.	3,464	1,464	1,051	536	1,076	824
MD.	7,468	979	1,333	...	366	365
MASS.	4,654	1,368	1,506	1,350	1,536	330
MICH.	16,798	4,707	11,075	91	3,458	1,637
MINN.	9,420	848	4,890	264	3,053	1,807
MISS.	785	672	100	...	11	3
MO.	13,429	22,971	5,631	103	1,672	9,091
MONT.	619	129	361	1	654	350
NEB.	3,425	1,982	1,128	...	1,669	2,016
NEV.	19	11	33	...	79	99
N. J.	6,086	2,153	1,450	414	377	348
N. H.	1,594	522	657	238	838	139
N. M.	54	54	1	...	74	425
N. Y.	14,086	4,882	13,187	88	7,528	1,696
N. C.	5,668	2,655	331	5	89	127
N. D.	883	75	923	29	2,378	1,857
OHIO.	8,799	4,207	6,175	25	2,861	2,208
OKLA.	1,182	6,220	387	...	212	151
ORE.	3,701	1,307	3,294	17	877	1,465
PENN.	13,515	4,892	8,990	55	5,375	1,999
R. I.	545	69	154	127	130	43
S. C.	1,383	675	79	...	30	5
S. D.	1,836	112	519	7	1,448	1,271
TENN.	6,046	3,884	830	...	52	141
TEX.	1,423	5,459	224	...	49	11
UTAH.	1,049	247	1,291	...	1,043	851
VT.	1,240	423	591	29	992	244
VA.	4,651	1,586	1,121	4	205	230
WASH.	4,323	1,818	3,157	4	1,287	1,190
W. VA.	2,408	3,229	3,905	...	658	784
WIS.	12,084	2,272	6,132	229	3,853	1,841
WYO.	146	6	80	...	303	234

The April farm price for corn is \$1.53.6 a bushel, against 62.1 cents, the five-year average before the war.

Corn on Farms, March 1st, 1918.

In the year 1918, according to the Department of Agriculture, 49.5 per cent. of the corn crop was on farms on March 1st, against 30.5 per cent. a year ago, and a ten-year average of 36.9. In 1917, on March 1st, corn on farms actually amounted to 782,303 bushels, and in 1918 the total is 1,292,905 bushels.

State.	Shipped Out, Bushels.	On Hand, on Farms.	Per Cent. of Crop.
ALA.....	10,036,000	41,688,000	54
ARIZ.....	35,000	173,000	20
ARK.....	7,392,000	28,896,000	43
CALIF.....	408,000	360,000	15
COLO.....	1,596,000	3,724,000	35
CONN.....	145,000	1,696,000	35
DEL.....	2,502,000	3,988,000	51
FLA.....	971,000	5,550,000	40
GA.....	5,760,000	39,600,000	55
IDAHO.....	14,000	41,000	6
ILL.....	167,200,000	192,280,000	46
IND.....	44,756,000	85,443,000	42
IOWA.....	102,675,000	151,959,000	37
KAS.....	26,919,000	35,892,000	28
KY.....	13,514,000	55,282,000	45
LA.....	2,112,000	16,053,000	38
MAINE.....	9,547,000	117,000	15
MD.....	376,000	14,040,000	50
MASS.....	28,000	1,122,000	40
MICH.....	376,000	6,020,000	16
MINN.....	11,700,000	19,800,000	22
MISS.....	13,448,000	41,184,000	49
MO.....	70,560,000	105,840,000	42
MONT.....	99,792,000	101,000	10
NEB.....	1,000	139,709,000	56
NEV.....	1,000	6,000	10
N. H.....	1,533,000	240,000	25
N. J.....	170,000	5,747,000	45
N. M.....	260,000	680,000	20
N. Y.....	3,000,000	5,208,000	20
N. C.....	21,014,000	30,600,000	51
N. D.....	1,658,000	159,000	3
OHIO.....	38,000	61,541,000	41
OKLA.....	7,465,000	6,298,000	19
OREGON.....	66,000	126,000	37
PENN.....	1,318,000	23,018,000	30
R. I.....	30,116,000	234,000	41
S. C.....	23,342,000	23,731,000	54
S. D.....	778,000	31,088,000	32
TENN.....	5,000	52,240,000	47
TEXAS.....	8,673,000	12,452,000	16
UTAH.....	91,000	70,000	14
VT.....	1,001,000	761,000	30
VA.....	8,673,000	36,138,000	50
WASH.....	91,000	182,000	12
W. VA.....	1,001,000	7,506,000	30
WIS.....	7,000	4,220,000	10
WYO.....	7,000	112,000	17
U. S.....	692,022,000	1,292,905,000	50

WEIGHTS OF HORSES AND MULES.

The following statement issued by the United States Department of Agriculture gives average weight of matured horses and mules in different states:

States.	Horses. Pounds.	Mules. Pounds.
MAINE.....	1,325	1,050
NEW HAMPSHIRE.....	1,270	1,050
VERMONT.....	1,200	1,000
MASSACHUSETTS.....	1,255	1,040
RHODE ISLAND.....	1,290	1,020
CONNECTICUT.....	1,220	1,040
NEW YORK.....	1,180	995
NEW JERSEY.....	1,220	1,010
PENNSYLVANIA.....	1,210	1,000
DELAWARE.....	1,080	920
MARYLAND.....	1,150	995
VIRGINIA.....	1,100	950
WEST VIRGINIA.....	1,165	950
NORTH CAROLINA.....	980	880
SOUTH CAROLINA.....	950	925
GEORGIA.....	940	970
FLORIDA.....	850	970
OHIO.....	1,310	1,040
ILLINOIS.....	1,270	1,050
INDIANA.....	1,255	1,040
MICHIGAN.....	1,235	1,040
WISCONSIN.....	1,300	1,025
MINNESOTA.....	1,305	1,035
IOWA.....	1,320	1,050

Oats on Farms, March 1st, 1918.

On March 1st, in the United States, 51.2 per cent. of the crop of oats had been shipped out of the county where grown, and 37.5 per cent. remained on the farms. The previous year the percentage on farms was 31.5 and the ten-year average 35.8.

State.	Shipped Out, Bushels.	On Hand, Bushels.	Per Cent. of Crop.
ALA.....	292,000	778,000	8
ARIZ.....	12,000	80,000	20
ARK.....	666,000	2,666,000	28
CALIF.....	1,852,000	686,000	10
COLO.....	1,781,000	3,563,000	32
CONN.....	17,000	290,000	44
DEL.....	15,000	32,000	25
FLA.....	312,000	92,000	12
GA.....	4,180,000	728,000	7
IDAHO.....	139,308,000	2,194,000	21
ILL.....	32,105,000	102,648,000	42
IND.....	113,505,000	26,754,000	35
IOWA.....	15,577,000	106,102,000	43
KAS.....	403,000	21,241,000	30
KY.....	131,000	2,337,000	29
LA.....	49,000	169,000	9
MAINE.....	204,000	1,479,000	30
MD.....	4,000	437,000	30
MASS.....	11,881,000	111,000	25
MICH.....	31,265,000	20,933,000	37
MINN.....	228,000	44,492,000	37
MISS.....	18,944,000	456,000	8
MO.....	1,632,000	23,088,000	39
MONT.....	46,178,000	3,400,000	25
NEB.....	28,000	63,494,000	55
NEV.....	248,000	112,000	20
N. H.....	248,000	160,000	30
N. J.....	270,000	993,000	40
N. M.....	1,339,000	297,000	22
N. Y.....	58,000	17,850,000	40
N. C.....	1,931,000	636,000	11
N. D.....	23,430,000	12,746,000	33
OHIO.....	2,645,000	28,897,000	37
OKLA.....	2,555,000	3,968,000	15
OREGON.....	3,290,000	2,281,000	..
PENN.....	60,000	17,272,000	25
R. I.....	22,908,000	25,000	40
S. C.....	1,029,000	360,000	6
S. D.....	5,558,000	26,834,000	41
TENN.....	616,000	1,838,000	25
TEXAS.....	32,000	3,705,000	11
UTAH.....	276,000	1,452,000	33
VT.....	4,047,000	1,109,000	35
VA.....	39,000	1,378,000	25
WASH.....	15,840,000	2,810,000	25
W. VA.....	1,610,000	1,004,000	26
WIS.....	1,610,000	37,620,000	38
WYO.....	1,610,000	3,598,000	38
U. S.....	508,350,000	595,195,000	37

WEIGHTS OF HORSES, ETC.—Continued.

MISSOURI.....	1,130	1,015
NORTH DAKOTA.....	1,290	1,040
SOUTH DAKOTA.....	1,245	1,010
NEBRASKA.....	1,255	1,040
KANSAS.....	1,220	1,040
KENTUCKY.....	1,010	950
TENNESSEE.....	990	890
ALABAMA.....	895	895
MISSISSIPPI.....	870	865
LOUISIANA.....	900	940
TEXAS.....	1,000	930
OKLAHOMA.....	1,080	960
ARKANSAS.....	960	890
MONTANA.....	1,290	1,010
WYOMING.....	1,290	1,030
COLORADO.....	1,230	1,050
NEW MEXICO.....	1,030	920
ARIZONA.....	1,150	970
UTAH.....	1,270	1,020
NEVADA.....	1,200	980
IDAHO.....	1,270	1,050
WASHINGTON.....	1,350	1,110
OREGON.....	1,310	1,100
CALIFORNIA.....	1,285	1,065
UNITED STATES.....	1,203	956

First "worsted" manufactured at Worsted, in Norfolk, England, in the year 1340. Worsted is spun wool manufactured into cloth.

Pecan Trees and Production.

In the year 1899 the pecan production of the United States was 3,206,850 pounds, and in the year 1909 the output increased to 9,390,769 pounds. In the year 1910 we had a total of 1,619,521 trees of bearing age and 1,685,066 trees not of bearing age. Farms reporting bearing trees were 37,549, and 43,944 had trees not of bearing age. In pecan production Texas is away in the lead, but there are other states increasing the number of trees.

State.	1910.		Pro- duction, Pounds.	Value, Dollars.
	Trees of Bearing Age.	Trees Not of Bearing Age.		
ALA.....	44,683	125,734	228,341	30,540
ARIZ.....	64	212	1,075	131
ARK.....	13,958	18,811	249,955	17,603
CALIF.....	4,226	2,793	44,955	4,632
COLO.....		50		
CONN.....	5	1,601	150	7
DEL.....	136	48	85	13
FLA.....	42,512	176,207	307,632	43,962
GA.....	75,519	325,779	354,046	47,845
IDAHO.....	20	27		
ILL.....	28,330	8,223	107,069	10,301
IND.....	4,883	946	19,287	1,940
IA.....	247	148	1,890	59
KY.....	27,716	2,797	20,583	1,462
LA.....	2,309	3,501	28,577	2,887
MA.....	36,527	119,547	723,578	70,635
ME.....	3		100	20
MD.....	172	460	1,717	85
MASS.....		1		
MICH.....	39	4	1,600	75
MINN.....	6	35	25	5
MISS.....	60,524	148,030	637,293	79,936
MO.....	48,822	7,214	147,420	10,467
NEB.....	181	191	695	31
NEV.....	16	13		
N. J.....	22	52	120	76
N. M.....	31	1,468	53	5
N. Y.....	5	26		
N. C.....	6,876	20,781	74,861	8,194
N. D.....				
ORE.....	81	308	1,010	70
OKLA.....	96,766	53,796	894,172	59,481
ORE.....	62	965	1,010	78
PENN.....	554	463	14,885	532
R. I.....	6	1		
S. C.....	33,366	4,639	159,823	20,442
S. D.....	43	34	6	1
TENN.....	2,037	3,309	25,581	2,566
TEX.....	1,087,619	621,550	5,832,367	556,203
UTAH.....	35	12		
VT.....	1	4		
VA.....	868	2,337	10,568	1,356
WASH.....	34	140		
W. VA.....	126	6	240	16
Total..	1,619,521	1,685,066	9,890,769	971,596

Production of Peanuts.

If all farm crops made as good showing as peanuts there would be plenty to eat in the country. The increase in acreage is from 516,654 in 1899 to 869,887 in the year 1906. The increase in production is from 11,964,109 bushels in 1889 to 19,415,816 bushels in 1909. In the year 1889 only 133,909 farms reported raising peanuts, but in 1909 there were 218,998 farms on which peanuts were produced. The table presented herewith shows acreage and production for two census years.

State.	1899.		1909.	
	Acreage.	Bushels.	Acreage.	Bushels.
ARIZ.....	4	234	9	345
ARK.....	5,223	78,237	10,192	168,608
CALIF.....	433	15,461	99	2,991
COLO.....	5	138	2	7
DEL.....	2	23	25	202
FLA.....	64,452	967,927	126,150	2,315,089
GA.....	100,589	1,435,775	160,317	2,569,787
IDAHO.....			1	20
ILL.....	49	879	109	1,792
IND.....	11	199	18	624
IA.....	7	127	13	359
KAS.....	225	4,516	48	2,047
KY.....	92	1,405	79	1,735
LA.....	3,107	45,713	25,020	412,037
ME.....	1	22		5
MA.....	7	143	1	30
MICH.....		3		12
MINN.....			64	1,111
MISS.....	5,853	95,738	13,977	284,791
MO.....	271	6,679	130	3,220
NEB.....	11	221	1	93
NEV.....		151		
N. H.....		2		
N. J.....		7	1	16
N. M.....	1	10	126	1,375
N. Y.....			6	132
N. C.....	95,850	3,460,439	195,134	5,980,919
N. D.....			10	101
OHIO.....	1	20		31
OKLA.....	2,205	50,428	1,564	31,880
ORE.....	1	25	3	206
PENN.....	2	77		4
S. C.....	7,162	131,710	7,596	154,822
S. D.....				10
TENN.....	19,534	747,668	18,952	547,240
TEX.....	10,734	184,860	64,327	1,074,993
UTAH.....	2			10
VA.....	116,914	3,713,347	145,213	4,284,340
WASH.....		15		64
W. V.....	11	199		945
WIS.....			70	
WYO.....	1	3		
Total.	516,654	11,964,109	869,887	19,415,816

The Peanut Crop—1917.

The importance of the peanut crop is shown, also the great difference one year with another. Alabama and Texas together produce more than half the crop. Thirteen states out of forty-eight raise peanuts in merchantable quantities.

State.	Percentage of Full Crop.		State.	Percentage of Full Crop.	
	1915.	1916.		1915.	1916.
ALA.....	100	45	MO.....	55	27
ARK.....	98	46	N. C.....	90	65
FLA.....	88	63	OKLA.....	104	10
GA.....	77	125	S. C.....	75	76
KY.....	70	30	TENN.....	73	34
LA.....	81	40	TEXAS.....	60	22
MISS.....	110	35	U. S.....	71	41

The farm price for hogs, March 15th, was \$15.58 per 100 pounds, against \$7.41, the five-year average before the war.

State.	1916.		1917.	
	Planted, Acres.	Planted, Acres.	Pro- duction, Bushels.	Pro- duction, Bushels.
VA.....	150,000	165,000	5,400,000	5,775,000
N. C.....	205,000	202,000	6,970,000	7,676,000
S. C.....	10,000	10,000	450,000	450,000
GA.....	40,000	255,000	1,240,000	9,485,000
FLA.....	10,000	40,000	300,000	1,400,000
MO.....	350	400	10,500	18,000
TENN.....	16,000	15,000	608,000	450,000
ALA.....	300,000	711,000	9,000,000	16,013,000
MISS.....	3,000	4,000	75,000	136,000
LA.....	33,000	35,000	891,000	1,015,000
TEX.....	275,000	600,000	9,075,000	16,200,000
OKLA.....	11,000	17,000	385,000	544,000
ARK.....	23,000	30,000	920,000	1,110,000
Total	1,076,350	2,084,400	35,324,500	60,222,000

Production of Grapes.

The production of grapes increased from 1,300,984,097 pounds in the year 1899 to 2,571,065,205 pounds in 1909. In the year 1910, when the census was taken, there were 223,701,522 vines of bearing age and 59,928,644 vines not of bearing age. The tabulated statement herewith shows the vines and production in all the states.

State.	1910.		Production, Pounds.
	Vines of Bearing Age.	Vines Not of Bearing Age.	
ALA...	287,431	77,105	1,723,490
ARIZ...	131,579	33,510	337,842
ARK...	805,921	177,624	2,593,727
CALIF.	144,097,670	39,526,319	1,979,686,525
COLO.	254,292	101,332	1,037,614
CONN...	107,054	61,670	1,317,682
DEL...	260,963	98,950	1,938,267
D. C...	5,196	200	28,530
FLA...	20,962	8,830	1,086,344
GA...	277,658	38,233	2,767,366
IDAHO	68,269	124,806	604,227
ILL...	2,170,340	287,734	16,582,785
IND...	1,049,232	149,441	12,817,353
IOWA...	1,983,465	446,126	11,708,336
KAS...	2,889,845	313,002	6,317,684
KY...	605,002	77,626	3,680,182
LA...	31,041	20,936	106,595
ME...	9,731	1,944	231,529
MD...	138,801	44,690	2,152,382
MASS.	58,277	14,261	1,132,838
MICH...	11,013,576	1,869,648	120,695,997
MINN...	61,916	35,950	293,805
MISS...	74,812	34,870	760,563
MO...	3,026,326	486,044	17,871,816
MONT.	1,986	1,121	370
NEB...	1,221,736	380,788	4,752,217
NEV...	26,607	7,941	376,205
N. H...	15,802	3,016	375,164
N. J...	1,603,280	558,945	6,501,221
N. M...	250,076	122,367	425,415
N. Y...	31,802,097	3,801,800	253,006,361
N. C...	411,278	120,208	15,116,920
N. D...	379	1,464	360
OHIO.	8,326,800	455,750	43,933,207
OKLA...	2,388,213	447,489	3,762,727
ORE...	381,302	468,598	3,206,874
PENN.	5,271,264	8,252,811	34,020,198
R. I...	7,662	4,634	152,937
S. C...	79,708	19,704	2,016,506
S. D...	38,647	46,891	144,634
TENN.	338,758	76,040	1,979,480
TEX...	712,201	297,869	1,802,618
UTAH	204,445	94,013	1,676,362
VT...	9,348	1,345	203,011
VA...	424,701	136,026	4,108,694
WASH.	322,007	371,733	1,704,005
W. VA.	284,074	76,465	3,224,751
WIS...	148,348	63,098	701,329
WYO...	74	1,147	159
Total.	223,701,522	59,928,644	2,571,065,205

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The Production of Strawberries.

The tabulation herewith is what we call foundation information, being a statement of the production of strawberries ten years apart. The census of 1900 showed that in the year 1899 151,363 acres were devoted to raising strawberries and the production was 257,427,103 quarts. Ten years later, in 1909, the area devoted to producing strawberries was reduced to 143,045 and the production was 255,702,035 quarts. Since the census year, all we have on strawberries are the estimates of the Agricultural Department in important strawberry-growing states.

State.	1899.		1909.	
	Acres.	Quarts.	Acres.	Quarts.
ALA...	607	804,480	1,167	1,848,537
ARIZ...	60	109,550	58	95,247
ARK...	9,611	12,667,740	7,361	8,259,240
CAL...	2,418	7,690,830	4,585	15,694,326
COLO.	1,067	2,224,240	1,326	1,674,923
CONN	971	2,569,120	993	3,016,295
DEL...	6,344	10,498,660	7,194	12,730,265
D. C...	50	84,480	11	18,709
FLA...	1,315	1,731,330	1,343	2,383,397
GA...	1,423	1,385,728	890	1,157,472
IDA...	239	376,630	698	953,723
ILL...	7,113	13,151,330	5,410	8,031,824
IND...	4,714	9,669,710	2,574	3,759,132
IA...	2,335	3,164,320	2,917	5,330,105
KAS...	2,304	3,321,650	1,719	2,119,048
KY...	4,128	6,767,300	1,553	2,114,929
LA...	1,395	1,841,800	3,570	6,405,236
ME...	512	1,066,860	698	1,626,250
MD...	13,980	24,035,640	14,292	23,611,095
MASS.	2,027	4,997,240	2,015	5,518,867
MICH.	10,837	18,381,340	8,051	14,218,768
MINN.	1,302	2,506,020	1,873	2,730,099
N. J...	1,383	1,546,570	772	1,345,013
N. M...	7,498	13,018,460	9,048	15,171,034
MONT	281	552,260	265	406,038
NEB...	369	408,350	562	654,061
NEV...	14	16,440	5	11,189
N. H...	307	568,640	310	638,057
N. J...	8,746	13,774,320	8,684	18,763,473
N. Y...	9	15,400	20	35,634
N. C...	7,311	13,849,860	6,382	15,945,863
N. D...	5,616	10,674,610	5,420	10,313,361
N. C...	3	4,040	88	66,028
OHIO.	9,373	17,916,080	4,706	8,501,065
OKLA	626	670,540	825	830,404
ORE...	1,792	3,837,820	2,941	5,322,040
PENN	5,667	10,179,430	4,136	9,033,904
R. I...	154	381,870	140	326,540
S. C...	499	845,695	815	1,337,208
S. D...	62	65,430	226	238,164
TENN.	11,548	13,683,840	10,761	12,339,584
TEX...	1,361	2,344,220	2,161	4,207,056
UTAH	345	663,190	719	1,832,796
VT...	232	598,020	276	615,820
VA...	7,821	12,270,300	6,606	10,761,381
WASH	1,268	2,577,580	3,283	7,683,774
W. VA.	799	1,068,390	709	812,049
WIS...	3,508	7,343,740	2,863	5,188,119
WYO.	19	19,920	24	20,895
Total	151,363	257,427,103	143,045	255,702,035

Some pages of AGRICULTURAL STATISTICS remain from one issue to another. Important matter should be left in sight, especially if something more valuable cannot be found.

1534.—Quotation from the Book of Husbandry, published in 1534: "A housebande cannot thrifye by his corne (wheat) without cattell, nor by his cattell without corne."

The peanut crop of 1917 was almost double that of 1916. A jump in valuation from \$42,000,000 to \$105,000,000.

Blackberries and Dewberries.

Herewith we present the United States census figures ten years apart, showing the production of blackberries and dewberries. There is the enumeration for the year 1899, when on 50,211 acres the production was 62,189,855 quarts, and in the year 1909, when on 49,004 acres the production was 55,343,570 quarts. Missouri, New Jersey and California are the largest producers of this class.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA....	104	98,500	58	44,954
ARIZ....	9	8,690	16	13,808
ARK....	769	969,290	325	587,977
CALIF..	1,960	4,159,131	2,576	4,898,324
COLO....	195	216,020	228	222,598
CONN....	177	275,310	128	192,752
DEL....	2,935	1,976,810	1,256	1,403,977
D.OF C..	10	12,720	.....	1,700
FLA....	13	13,210	13	12,817
GA....	143	144,060	67	67,285
IDAHO..	87	117,140	170	249,984
ILL....	5,032	7,294,990	3,503	291,473
IND....	3,192	5,255,840	1,347	1,482,909
IA....	1,719	1,966,070	2,279	2,733,728
KAS....	2,044	1,857,514	2,632	2,535,918
KY....	1,024	1,068,340	2,141	2,165,547
LA....	9	10,170	16	14,332
ME....	123	164,300	145	153,816
MD....	1,501	1,713,680	1,180	1,372,161
MASS....	365	522,860	287	307,987
MICH..	4,385	5,324,110	2,973	3,075,954
MINN....	162	192,010	145	139,740
MISS....	84	97,030	58	59,735
MO....	4,441	5,121,860	5,975	6,391,209
MONT....	18	17,970	34	36,321
NEB....	152	157,880	428	501,872
NEV....	4	5,410	1	1,073
N. H....	65	105,290	67	75,913
N. J....	5,254	3,918,320	4,332	5,456,789
N. M....	3	2,940	10	10,089
N. Y....	2,060	3,167,090	1,951	2,509,851
N. C....	1,073	1,089,290	1,233	2,464,065
N. D....	1	860	2	3,404
OHIO....	3,397	4,905,430	2,425	2,465,407
OKLA....	683	714,880	1,792	1,366,497
ORE....	717	1,310,920	431	915,744
PENN....	1,383	1,995,070	1,235	1,063,257
R. I....	17	23,600	16	17,875
S. C....	39	50,960	38	64,751
S. D....	5	4,880	35	6,038
TENN....	723	839,210	1,514	1,316,100
TEX....	2,394	2,701,750	2,773	1,868,119
UTAH....	72	80,110	95	184,140
VT....	48	84,990	47	56,252
VA....	444	582,830	344	273,551
WASH....	388	803,340	769	2,340,779
W. VA..	367	396,850	1,292	803,498
WY....	411	644,880	407	498,119
WYO....	.....	480	.....	119
Total	50,211	62,189,885	49,004	55,343,570

There are some errors in AGRICULTURAL STATISTICS, but we hope to dispense with them.

The Early Orchards.

Early evidence of the existence of orchards is a Bull of Pope Alexander, III., issued in the year 1176, confiscating the property of the monks of Winchenley, in Gloucestershire, England, with the "town of Swiring and all its orchards."

In the year 1830 Richard, II., King of England, compelled horse dealers to limit their prices to a fixed minimum.

A Liberty Bond at 4 $\frac{1}{4}$ per cent. is a slashing good investment.

Raspberries and Loganberries.

This basic tabulation is historical and gives in detail by states the acreage devoted to the production of raspberries and Loganberries ten years apart. It is the only positive information of any value that is available. In the year 1899 the area was 60,916 acres, producing 76,628,107 quarts; ten years later the area was reduced to 48,668 and the crop was 60,918,196 quarts. In 1919 another count will be made by the census enumerators. The value of the crop in 1909 was estimated at \$5,132,277.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA....	13	14,390	11	10,546
ARIZ....	2	1,480	1	1,550
ARK....	345	348,450	123	96,414
CALIF..	987	1,446,190	1,992	5,222,117
COLO....	689	817,450	801	1,650,785
CONN....	366	503,210	289	384,256
DEL....	1,280	1,147,120	223	275,871
D. C....	12	15,582	.....	700
FLA....	5	5,670	.....	213
GA....	43	41,750	29	33,928
IDAHO..	230	257,960	496	575,209
ILL....	2,909	3,458,000	1,945	1,834,337
IND....	3,277	4,210,900	1,412	1,595,921
IA....	3,394	3,604,210	1,573	1,728,547
KAS....	957	820,330	713	616,035
KY....	755	787,820	564	558,529
LA....	.....	110	1	639
ME....	131	214,700	127	154,121
MD....	1,385	1,450,250	846	959,369
MASS....	413	558,010	388	376,136
MICH..	10,193	12,119,400	8,786	8,381,943
MINN....	1,115	1,252,930	1,388	1,340,469
MISS....	49	56,020	5	7,806
MO....	1,660	1,940,850	1,331	1,563,527
MONT....	80	110,795	113	165,473
NEB....	239	232,580	247	265,183
NEV....	7	11,220	9	17,841
N. H....	80	124,760	85	86,558
N. J....	2,240	2,506,730	1,744	2,143,877
N. M....	9	8,930	12	10,222
N. Y....	12,376	17,575,530	11,057	14,751,940
N. C....	69	73,050	40	37,764
N. D....	12	13,700	85	60,742
OHIO....	6,795	8,745,950	3,869	4,029,480
OKLA....	43	55,180	85	74,104
ORE....	479	783,060	1,460	2,644,948
PENN....	3,938	5,360,530	2,594	2,906,302
R. I....	57	83,300	34	32,871
S. C....	4	4,150	2	4,955
S. D....	21	19,030	66	60,285
TENN....	471	448,170	253	222,331
TEX....	103	123,640	104	97,632
UTAH....	284	426,000	374	758,317
VT....	92	176,440	80	85,065
VA....	365	424,110	276	257,322
WASH....	625	1,134,970	1,210	3,118,720
W. VA..	704	788,360	847	648,174
WIS....	6	2,314,920	964	1,053,889
WYO....	1,616	5,220	14	15,213
Total	60,916	76,628,107	48,668	60,918,196

It was The National Farmer and Stock Grower of St. Louis, Mo., that originated the movement whereby so many farmers are now raising their own pure-bred seed corn.

It requires some time to get a publication on its feet. Statistics alone is a cold proposition, but with the two Directories it is warming up.

The pineapple mentioned by Oviedo in the year 1526, who called it Pinas. Oviedo y Valdes was Spanish historian of the new world and was Governor of the Island of Hispanola.

Production of Gooseberries.

Gooseberries are grown generally without any one state being far ahead of others, but the production had decreased when the last census was taken. In 1899 there were 6,752 acres, producing 9,320,530 quarts; but in 1903, when another count was taken, the area was reduced to 4,765 acres, producing 5,282,843 quarts. In 1899, Indiana and Iowa were the greatest producers, whereas in the later year Illinois and Missouri lead with considerable less production.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA.....	2	1,890	1	2,452
ARIZ.....	2	1,223	575	575
ARK.....	29	43,970	19	18,168
CALIF.....	133	195,670	74	145,119
COLO.....	122	133,750	192	247,956
CONN.....	7	8,010	9	9,023
DEL.....	24	31,750	11	12,123
DIST. OF C.	1	1,090	1,000	1,000
FLA.....	.....	70	.....	.....
GA.....	2	1,900	1	1,102
IDAHO.....	150	197,540	142	130,987
ILL.....	491	779,730	603	541,498
IND.....	617	1,077,840	274	320,963
IA.....	777	975,890	189	233,541
KAS.....	212	269,860	188	158,772
KY.....	99	114,590	115	118,338
LA.....	30	41,230	59	65,867
ME.....	234	322,140	241	300,321
MD.....	30	46,390	42	57,827
MASS.....	559	673,360	297	403,680
MICH.....	112	128,250	71	60,661
MINN.....	1	590	1	285
MO.....	731	865,870	555	470,029
MONT.....	51	115,390	35	35,896
NEB.....	192	189,680	88	82,086
NEV.....	8	13,690	11	11,355
N. H.....	4	3,540	5	5,841
N. J.....	102	124,160	155	221,337
N. M.....	12	11,680	17	14,800
N. Y.....	190	304,750	259	331,135
N. C.....	25	30,340	5	5,831
N. D.....	10	11,690	86	56,801
OHIO.....	539	767,760	226	255,840
OKLA.....	19	9,250	7	8,276
ORE.....	203	326,780	186	307,395
PENN.....	267	366,930	139	109,104
R. I.....	5	5,820	8	8,251
S. C.....	.....	420	.....	183
S. D.....	25	29,270	55	43,403
TENN.....	114	150,620	9	13,740
TEX.....	1	760	9	5,042
UTAH.....	110	173,460	100	147,241
VT.....	3	4,500	6	7,424
VA.....	66	75,140	22	23,447
WASH.....	211	356,570	114	143,264
W. VA.....	59	66,400	30	35,632
WIS.....	177	255,590	82	107,708
WYO.....	3	3,680	27	21,513
Total....	6,752	9,320,530	4,765	5,282,843

Currant-Growing Industry.

Nearly every state in the Union grows a few currants, but only one state in the last census year produced over a million quarts, whereas ten years previous eight states did so. In the year 1899 12,865 acres were devoted to growing currants, and the production was 18,592,695 quarts. Ten years later, in the year 1909, the area devoted to currants was reduced to 7,862 acres and the total production was reduced to 10,448,532 quarts.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA.....	2	2,060	.....	548
ARIZ.....	2	3,280	1	1,010
ARK.....	5	6,990	4	3,201
CALIF.....	724	1,031,100	407	852,378
COLO.....	226	204,480	282	493,726
CONN.....	175	245,990	54	74,488
DEL.....	12	12,600	3	2,973
D. OF C.	6	5,040	1	2,000
FLA.....	.....	50	.....	146
GA.....	5	6,740	1	2,320
IDAHO.....	181	218,580	167	161,230
ILL.....	640	842,000	252	265,858
IND.....	577	1,044,025	165	208,049
IA.....	1,017	1,226,560	253	317,637
KAS.....	134	150,210	98	67,005
KY.....	15	19,370	14	15,159
LA.....	.....	50	.....	.....
ME.....	31	37,080	80	76,031
MD.....	65	37,460	36	34,009
MASS.....	190	255,580	243	213,810
MICH.....	2,286	2,721,070	609	768,259
MINN.....	259	311,950	200	182,825
MISS.....	3	2,830	.....	362
MO.....	194	223,730	92	91,207
MONT.....	120	252,860	115	123,031
NEB.....	161	162,880	86	90,779
NEV.....	16	25,670	11	8,824
N. H.....	24	34,060	42	43,319
N. J.....	158	264,740	124	161,223
N. M.....	10	14,340	7	5,523
N. Y.....	2,594	4,584,080	2,557	3,982,389
N. C.....	28	32,360	3	5,382
N. D.....	36	35,440	138	97,598
OHIO.....	765	1,153,920	359	460,575
OKLA.....	11	10,140	39	31,024
ORE.....	169	238,420	89	117,354
PENN.....	216	1,691,870	558	493,871
R. I.....	76	54,020	12	17,110
S. C.....	2	2,290	1	999
S. D.....	38	37,140	67	52,951
TENN.....	12	13,190	2	3,726
TEX.....	4	5,370	6	4,873
UTAH.....	194	304,850	128	195,901
VT.....	20	50,490	58	58,538
VA.....	39	42,060	5	8,127
WASH.....	238	416,170	127	194,365
W. VA.....	50	51,340	30	34,009
WIS.....	667	1,153,190	298	383,982
WYO.....	8	7,030	41	38,833
Total.	12,865	18,592,695	7,862	10,448,532

Increase in Brood Sows.

The hog increase is showing nicely. There are 9,937,000 brood sows in the country now, against 9,072,000 at this time a year ago. That looks like patriotic farming.

The farm price for sheep, March 15th, was \$11.41 per 100 pounds, against \$4.79 per 100 pounds, the five-year average before the war.

The average farm price for wool, April 1st, was 60 cents a pound, against 19 cents as the April average before the war.

A Liberty Bond at 4½ per cent. is a slashing good investment.

Gas Tractors in Commission.

State.	No.	State.	No.
ALA.....	313	NEVADA.....	19
ARIZ.....	23	N. H.....	23
ARK.....	336	N. J.....	107
CALIF.....	1,358	N. M.....	83
COLO.....	525	N. Y.....	1,210
CONN.....	47	N. C.....	452
DEL.....	34	N. D.....	2,137
FLA.....	71	OHIO.....	1,305
GA.....	543	OKLA.....	795
IDAHO.....	262	OREGON.....	318
ILL.....	3,202	PENN.....	595
IND.....	1,832	R. I.....	30
IOWA.....	2,223	S. C.....	387
KAS.....	2,287	S. D.....	1,527
KY.....	348	TENN.....	442
LA.....	343	TEXAS.....	2,235
MAINE.....	53	UTAH.....	88
MD.....	190	VT.....	75
MASS.....	91	W. VA.....	434
MICH.....	945	WASH.....	209
MINN.....	1,575	W. VA.....	90
MISS.....	377	WIS.....	904
MO.....	1,141	WYO.....	186
MONT.....	808		
NEB.....	1,773	Total.....	34,371

Apples, Peaches, Pears—1917.

In the December United States Agricultural Report the 1917 crops of apples, peaches and pears are estimated. The largest production of apples is in the state of Washington, with New York, Missouri and Pennsylvania following in the order named. In peaches the state of California leads far beyond other states. California leads in pears, followed by New York and Michigan.

State.	Apples. 1917. Yield, Bushels.	Peaches. 1917. Yield, Bushels.	Pears. 1917. Yield, Bushels.
ALA.....	1,452,000	1,830,000	80,000
ARIZ.....	1,335,000	60,000	21,000
ARK.....	2,683,000	840,000	102,000
CALIF.....	5,592,000	14,151,000	3,523,000
COLO.....	2,640,000	1,200,000	320,000
CONN.....	1,316,000	268,000	29,000
DEL.....	450,000	647,000	294,000
FLA.....	000	122,000	46,000
GA.....	1,754,000	4,716,000	140,000
IDA.....	1,995,000	165,000	70,000
ILL.....	7,500,000	364,000	456,000
IND.....	5,915,000	592,000	410,000
IOWA.....	5,775,000	30,000	82,000
KAS.....	3,375,000	121,000	140,000
KY.....	9,125,000	1,034,000	204,000
LA.....	000	478,000	52,000
ME.....	4,617,000	000	24,000
MD.....	2,525,000	975,000	525,000
MASS.....	2,186,000	145,000	71,000
MICH.....	5,160,000	744,000	1,080,000
MINN.....	1,445,000	000	000
MISS.....	315,000	375,000	30,000
MO.....	12,375,000	890,000	265,000
MONT.....	911,000	000	11,000
NEB.....	2,400,000	000	14,000
NEV.....	192,000	6,000	6,000
N. H.....	1,035,000	47,000	19,000
N. J.....	2,041,000	871,000	590,000
N. M.....	657,000	60,000	46,000
N. Y.....	14,059,000	2,244,000	1,708,000
N. C.....	6,156,000	1,541,000	150,000
N. D.....	000	000	000
OHIO.....	6,336,000	496,000	334,000
OKLA.....	1,300,000	1,150,000	45,000
ORE.....	3,500,000	250,000	600,000
PENN.....	12,150,000	1,440,000	448,000
R. I.....	198,000	20,000	7,000
S. C.....	818,000	1,130,000	100,000
S. D.....	349,000	000	000
TENN.....	5,000,000	900,000	75,000
TEXAS.....	345,000	2,352,000	280,000
UTAH.....	650,000	900,000	48,000
VT.....	1,286,000	000	14,000
VA.....	9,974,000	800,000	194,000
WASH.....	17,897,000	504,000	595,000
W. VA.....	5,994,000	608,000	33,000
WIS.....	3,029,000	000	000
WYO.....	000	000	000
U. S.....	174,608,000	45,066,000	13,281,000

WHEN WATERMELONS ARE HARVESTED.

Returns from truck crop reporters show the per cent. of the watermelon crop in the following states usually harvested in each month from April to October to be as follows:

State.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
Florida.....	P. ct. 2.8	P. ct. 23.8	P. ct. 56.5	P. ct. 13.9	P. ct. 1.1	P. ct. 0.0	P. ct. 1.9
Texas.....	2.5	12.0	34.4	41.5	9.0	0.6	0.0
Alabama.....	2.0	18.5	54.5	18.5	6.5	0.0	0.0
N. Carolina.....	4.2	55.8	33.3	5.0	1.7	0.0	0.0
S. Carolina.....	1.2	94.4	4.4	0.0	0.0	0.0	0.0
Georgia.....	14.3	57.0	27.3	1.4	0.0	0.0	0.0
California.....	4.0	23.5	34.5	29.5	6.0	0.0	0.0
Oklahoma.....	0.0	27.5	41.2	31.3	0.0	0.0	0.0
Virginia.....	0.0	15.6	74.4	10.0	0.0	0.0	0.0

The statement accounts for nearly all the watermelons, there being few marketed before April and none after October.

We solicit regular subscriptions for AGRICULTURAL STATISTICS and intend it to be a first-class, useful publication at a fair price.

Cherry Trees and Production.

The production of cherries increased in the United States from 2,873,499 bushels in 1889 to 4,126,099 bushels in the year 1909. Since then we have no records. At the beginning of the year 1910 there were 11,822,044 trees of bearing age on 1,248,667 farms, and on 488,163 farms the 5,621,660 trees not of bearing age were growing up. The value of the cherries grown in the United States in the last census year was estimated at \$7,231,160.

State.	Trees of Bearing Age.	Trees Not of Bearing Age.	Crop, 1899. Bushels.	Crop, 1909. Bushels.
ALA.....	25,566	16,673	1,159	3,588
ARIZ.....	312	1,608	220	476
ARK.....	60,946	47,556	7,889	5,993
CAL.....	522,304	300,063	318,960	5,010,013
COLO.....	203,806	319,624	5,387	88,937
CONN.....	12,119	5,720	12,271	3,617
DEL.....	16,145	4,598	8,066	2,631
D. C.....	435	4	248	235
FLA.....	366	498	112	374
GA.....	50,723	23,479	5,950	4,979
IDA.....	61,381	95,423	12,294	22,609
ILL.....	845,283	239,605	204,279	287,376
IND.....	85,742	251,959	228,485	363,993
IOWA.....	908,764	229,352	118,743	260,432
KAS.....	661,267	237,051	60,511	34,409
KY.....	212,118	102,766	34,258	52,163
LA.....	1,975	760	336	527
ME.....	14,288	6,653	1,550	2,403
MD.....	82,205	27,774	60,452	42,315
MASS.....	13,396	6,776	6,043	4,761
MICH.....	760,183	540,580	194,541	338,945
MINN.....	25,139	35,399	960	1,526
MISS.....	13,748	9,267	2,352	2,819
MO.....	622,332	247,425	62,708	123,314
MONT.....	19,938	24,237	807	7,497
NEB.....	494,468	267,529	54,047	89,876
NEV.....	1,558	787	114	481
N. H.....	9,463	6,326	1,183	1,403
N. J.....	102,124	36,743	82,005	44,636
N. M.....	21,925	26,818	5,228	6,384
N. Y.....	673,389	342,959	218,642	271,572
N. C.....	168,065	74,111	33,899	53,785
N. D.....	5,076	21,484	4	200
OHIO.....	1,144,271	342,328	192,954	338,644
OKLA.....	295,042	150,541	3,221	2,372
ORE.....	223,456	313,770	65,347	181,089
PENN.....	1,075,031	280,251	474,940	475,093
R. I.....	964	453	1,329	214
S. C.....	60,274	25,764	6,551	10,987
S. D.....	51,613	76,293	900	5,924
TENN.....	201,830	128,406	11,688	36,303
TEX.....	29,439	43,712	663	1,062
UTAH.....	79,775	109,118	9,905	21,402
VT.....	18,006	6,659	1,069	2,506
VA.....	352,783	83,323	188,693	132,671
WASH.....	241,038	229,067	52,114	131,392
W. VA.....	332,429	124,567	87,828	79,230
WIS.....	290,495	148,775	31,067	81,340
WYO.....	919	4,025	1	68
Total.	11,822,044	5,621,660	2,873,499	4,126,099

We desire to make the request that the friends of AGRICULTURAL STATISTICS will recommend the publication to their business friends.

Yield of Flaxseed, 1914 and 1915.

State.	1914. Yield Per Acre Bushels.	Total Yield, Bushels.	1915. Yield Per Acre Bushels.	Total Yield, Bushels.
COLO.....	9.0	16,000	9.4	9,000
IOWA.....	9.5	190,000	9.0	162,000
KAS.....	6.0	270,000	5.7	205,000
MINN.....	9.3	2,930,000	10.5	3,150,000
MO.....	8.0	64,000	8.0	48,000
MONT.....	8.0	2,560,000	10.5	1,890,000
NEB.....	7.0	49,000	11.0	77,000
N. D.....	8.3	6,972,000	9.9	6,534,000
S. D.....	7.5	2,400,000	11.0	1,650,000
WIS.....	13.5	108,000	13.5	94,000
WYO.....	.....	.....	13.0	26,000
U. S.....	8.3	15,559,000	10.1	13,845,000

The most useful farm paper in the United States is The National Farmer and Stock Grower of St. Louis, Mo. Philip H. Hale, Editor.

Results of Pear Growing.

Herewith we have a statement of the pear crop of the United States for three most important years. The foundation table is that of the census year, which is only available once in ten years. The next is the United States Agricultural Department estimate for the year 1914, followed by the year 1915.

State.	1909. Bushels.	1914. Bushels.	1915. Bushels.
ALA.	100,041	132,000	168,000
ARIZ.	13,289	20,000	22,000
ARK.	37,547	98,000	135,000
CALIF.	1,928,097	1,958,000	1,650,000
COLO.	132,536	206,000	99,000
CONN.	41,322	45,000	36,000
DEL.	105,224	210,000	228,000
FLA.	98,223	112,000	104,000
GA.	149,667	208,000	203,000
IDAHO.	42,649	66,000	75,000
ILL.	249,365	422,000	496,000
IND.	319,925	422,000	410,000
IOWA.	44,449	84,000	106,000
KAS.	19,412	109,000	133,000
KY.	251,536	308,000	264,000
LA.	35,554	52,000	55,000
ME.	38,964	40,000	30,000
MD.	367,359	560,000	483,000
MASS.	96,071	98,000	75,000
MICH.	666,023	840,000	550,000
MINN.	400	.....	.....
MISS.	101,288	142,000	160,000
MO.	142,547	285,000	294,000
MONT.	7,543	12,000	12,000
NEB.	6,700	14,000	18,000
NEV.	4,083	7,000	4,000
N. H.	24,224	22,000	18,000
N. J.	463,290	876,000	594,000
N. M.	29,433	60,000	64,000
N. Y.	1,343,080	1,298,000	1,375,000
N. C.	84,019	187,000	150,000
N. D.	8	.....	.....
OHIO.	374,871	544,000	560,000
OKLA.	7,450	28,000	68,000
OREGON.	374,622	540,000	525,000
PENN.	378,825	608,000	494,000
R. I.	12,501	13,000	10,000
S. C.	65,680	109,000	91,000
S. D.	162	.....	.....
TENN.	83,557	152,000	195,000
TEXAS.	110,067	266,000	301,000
UTAH.	38,654	56,000	31,000
VT.	20,763	17,000	17,000
VA.	74,486	234,000	261,000
WASH.	310,804	536,000	564,000
W. VA.	29,516	72,000	63,000
WIS.	12,992	22,000	23,000
WYO.	16	.....	.....
Total.	8,840,733	12,086,000	11,216,000

Harvesting of Potatoes.

The United States Bureau of Crop Estimates of the Department of Agriculture has ascertained when white (Irish) potatoes are harvested, and the amount and quantity harvested in each month, as follows:

1915.			1916.	
Month.	Per Cent.	Bushels.	Per Cent.	Bushels.
JAN....	.....	10,000	.....	11,000
FEB....	.....	38,000	.....	45,000
MARCH....	.....	117,000	.....	131,000
APRIL.	0.2	681,000	0.2	730,000
MAY....	1.0	3,601,000	1.2	3,400,000
JUNE....	3.2	11,626,000	3.5	8,032,000
JULY....	7.9	28,400,000	7.9	22,722,000
AUG....	13.1	46,874,000	12.9	38,351,000
SEPT....	29.7	106,716,000	29.5	85,166,000
OCT....	41.8	150,200,000	41.4	119,747,000
NOV....	2.9	10,665,000	3.3	9,434,000
DEC....	.....	175,000	.1	195,000
Total..	100.0	359,103,000	100.0	288,964,000

Pear Growing, Crop of 1916.

This is, first, the ten-year average of a full crop of pears, followed by the 1916 percentage also of a full crop. Then follows the production, state by state, followed by the state percentage representing quality. The pear crop of the United States is not increasing.

State.	1916, Per Cent. Full Crop...	1916, Per Cent. Full Crop...	Production, Bushels,.....	Per Cent. Crop.....
ALA.	58.0	45.0	90,000	70.0
ARIZ.	52.0	80.0	18,000	88.0
ARK.	54.0	44.0	68,000	75.0
CALIF.	78.0	80.0	1,784,000	91.0
COLO.	66.0	45.0	99,000	85.0
CONN.	76.0	80.0	46,000	83.0
DEL.	60.0	47.0	164,000	87.0
FLA.	57.0	35.0	54,000	80.0
GA.	61.0	52.0	135,000	75.0
IDAHO.	76.0	55.0	50,000	90.0
ILL.	55.0	52.0	354,000	79.0
IND.	62.0	54.0	351,000	80.0
IOWA.	55.0	45.0	63,000	84.0
KAS.	56.0	44.0	77,000	70.0
KY.	54.0	40.0	160,000	78.0
LA.	63.0	70.0	49,000	91.0
MAINE.	71.0	75.0	38,000	85.0
MD.	65.0	54.0	378,000	85.0
MASS.	73.0	88.0	114,000	85.0
MICH.	66.0	76.0	836,000	87.0
MINN.	.....	.....	.....	.....
MISS.	59.0	45.0	90,000	78.0
MO.	49.0	39.0	164,000	75.0
MONT.	82.0	40.0	6,000	90.0
NEB.	56.0	40.0	10,000	85.0
NEV.	67.0	20.0	2,000	85.0
N. H.	74.0	84.0	25,000	89.0
N. J.	68.0	68.0	687,000	80.0
N. M.	69.0	48.0	36,000	85.0
N. Y.	66.0	67.0	1,675,000	83.0
N. C.	55.0	30.0	75,000	80.0
N. D.	.....	.....	.....	.....
OHIO.	63.0	47.0	376,000	80.0
OKLA.	59.0	15.0	11,000	70.0
OREGON.	78.0	74.0	555,000	93.0
PENN.	68.0	67.0	509,000	84.0
R. I.	76.0	85.0	14,000	80.0
S. C.	62.0	43.0	56,000	73.0
S. D.	.....	.....	.....	.....
TENN.	52.0	25.0	59,000	70.0
TEXAS.	61.0	75.0	322,000	85.0
UTAH.	71.0	20.0	12,000	93.0
VT.	74.0	91.0	24,000	91.0
VA.	57.0	37.0	122,000	77.0
WASH.	83.0	81.0	551,000	92.0
W. VA.	53.0	40.0	42,000	82.0
WIS.	65.0	85.0	26,000	80.0
WYO.	.....	.....	.....	.....
Total.	65.1	61.8	10,377,000	84.7

GROWING OF CELERY.

Celery growing on a commercial scale is not confined to five states, but it is only in five states that the crop is considered of sufficient dimensions to be subject of Agricultural Department crop reports. In the last census year 4,005 farms in all the different states reported growing celery on 15,863 acres, and producing crops to the value of \$3,922,848, which amounts to nearly \$250 per acre. The acreage was 13,213 in 1915 in six states, and in those same states in 1916 the acreage was only 11,588, a decrease, one year with another, of 1,625 acres.

State.	1915. Acres.	1916. In-De-crease,crease,Acres.
COLORADO.	400	400
MICHIGAN.	3,118	3,134
NEW YORK.	5,900	4,404
OHIO.	1,058	1,097
PENNSYLVANIA.	2,737	2,553
Total.	13,213	11,588

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Three Crops of Peaches.

The following tabulated statement will show our readers something of peach growing in the United States. One table presents the actual results of the last census year 1909. Then there are the United States Department estimates for the years 1914 and 1915.

State.	1909. Bushels.	1914. Bushels.	1915. Bushels.
ALA.	1,416,584	2,310,000	2,640,000
ARIZ.	50,102	60,000	60,000
ARK.	1,901,647	3,180,000	5,940,000
CALIF.	9,267,118	10,387,000	9,768,000
COLO.	692,258	1,025,000	650,000
CONN.	269,990	142,000	335,000
DEL.	16,722	608,000	842,000
FLA.	114,940	188,000	177,000
GA.	2,555,496	5,785,000	5,330,000
IDAHO.	18,734	120,000	162,000
ILL.	1,222,570	1,755,000	874,000
IND.	1,174,389	1,128,000	648,000
IOWA.	23,180	472,000	112,000
KAS.	24,567	1,760,000	2,516,000
KY.	1,623,379	1,980,000	1,320,000
LA.	290,623	356,000	456,000
ME.	2,014	.....	.....
MD.	324,609	1,032,000	1,248,000
MASS.	91,756	31,000	152,000
MICH.	1,686,586	1,247,000	2,360,000
MINN.	599	.....	.....
MISS.	1,156,817	1,440,000	1,540,000
MO.	1,484,548	3,780,000	3,300,000
MONT.	128	.....	.....
NEB.	110,180	192,000	120,000
NEV.	3,171	9,000	7,000
N. H.	23,218	3,000	58,000
N. J.	441,440	1,140,000	1,275,000
N. M.	32,533	106,000	154,000
N. Y.	1,736,483	530,000	2,106,000
N. C.	1,344,410	1,863,000	1,955,000
N. D.	35	.....	.....
OHIO.	1,036,340	1,653,340	2,399,000
OKLA.	357,644	220,000	2,408,000
OREGON.	179,030	387,000	432,000
PENN.	1,023,570	1,541,000	2,044,000
R. I.	17,704	14,000	29,000
S. C.	643,040	1,166,000	864,000
S. D.	148	.....	.....
TENN.	1,579,019	2,640,019	2,460,000
TEXAS.	729,631	1,196,000	4,235,000
UTAH.	143,237	380,000	212,000
VT.	2,221	.....	.....
VA.	243,446	911,000	1,300,000
WASH.	84,494	486,000	566,000
W. VA.	328,901	886,000	1,164,000
WIS.	956	.....	.....
WYO.	5	.....	.....
Total.	35,420,276	54,109,000	64,218,000

AGRICULTURAL STATISTICS is the most valuable news publication started in the last five years.

High and Low Prices.

According to the New International Encyclopedia, in August of the year 1317, in England, wheat was twelve times as high in price as in the following September. It was a period of alternations of indolence and bustle, of feasting and semi-starvation. Rye was the breadstuff of the peasantry. Little manure was used. Oxen, not horses, were used for teams.

First authorization in England for the erection of toll-gates under King Edward, VIII., was in the year 1346.

Peaches, Crop of 1916.

The peach crop of 1916 was only 45 per cent. of a full crop, and the quality is 78.2 per cent. of perfection. The total production was estimated in September, 1916, by the Department of Agriculture to be 36,911,000 bushels, which is a very poor exhibit as compared with previous years.

State.	Percentage of Full Crop.	Production Bushels.	Percentage of Quality.
ALABAMA.	37.0	1,128,000	61.0
ARIZONA.	80.0	56,000	96.0
ARKANSAS.	45.0	2,520,000	60.0
CALIFORNIA.	79.0	8,769,000	92.0
COLORADO.	30.0	405,000	90.0
CONNECTICUT.	40.0	136,000	78.0
DELAWARE.	45.0	35,000	83.0
FLORIDA.	44.0	106,000	71.0
GEORGIA.	54.0	3,510,000	83.0
IDAHO.	13.0	23,000	90.0
ILLINOIS.	30.0	810,000	69.0
INDIANA.	48.0	883,000	72.0
IOWA.	8.0	64,000	65.0
KANSAS.	5.0	172,000	60.0
KENTUCKY.	40.0	880,000	62.0
LOUISIANA.	70.0	560,000	80.0
MAINE. ....	.....	.....	.....
MARYLAND.	50.0	610,000	83.0
MASSACHUSETTS.	40.0	64,000	85.0
MICHIGAN.	67.0	2,010,000	85.0
MINNESOTA. ....	.....	.....	.....
MISSISSIPPI.	50.0	1,000,000	60.0
MISSOURI.	18.0	1,080,000	62.0
MONTANA. ....	.....	.....	.....
NEBRASKA.	5.0	29,000	80.0
NEVADA.	10.0	1,000	99.0
NEW HAMPSHIRE.	40.0	24,000	90.0
NEW JERSEY.	53.0	662,000	85.0
NEW MEXICO.	25.0	40,000	83.0
NEW YORK.	45.0	1,215,000	84.0
NORTH CAROLINA.	39.0	897,000	67.0
NORTH DAKOTA. ....	.....	.....	.....
OHIO.	45.0	1,305,000	73.0
OKLAHOMA.	10.0	300,000	65.0
OREGON.	60.0	276,000	95.0
PENNSYLVANIA.	45.0	1,958,000	80.0
RHODE ISLAND.	45.0	14,000	83.0
SOUTH CAROLINA.	41.0	541,000	75.0
SOUTH DAKOTA. ....	.....	.....	.....
TENNESSEE.	36.0	1,080,000	58.0
TEXAS.	55.0	3,025,000	75.0
UTAH.	20.0	90,000	95.0
VT. ....	.....	.....	.....
VIRGINIA.	44.0	598,000	76.0
WASHINGTON.	62.0	415,000	96.0
WEST VIRGINIA.	40.0	520,000	79.0
WIS. ....	.....	.....	.....
WYOMING. ....	.....	.....	.....
Total.	45.0	36,911,000	78.2

Our Respectable Ancestor.

William Hale-Hale, historian and editor of the "Domesday Book" of St. Paul's Cathedral of London, England, makes record of leasing the church farms in Hertfordshire, England, in the year 1152, which provided that the tenant should cultivate and conduct the farm on what was called the three-field husbandry, a rotation of about one-third in oats, one-third in wheat or rye, and one-third fallow or "terre warecunda." The custom was to rotate crops to restore the land to the owner in the condition it was leased. They kept the land fertile.

If the increased planting in rye was equaled by other grains there would be no shortage in farm crops.

Three Crops of Apples.

Herewith in tabulated form is the official statement of the apple crop of the United States. The year 1909 is the last official census, and the figures for the years 1914 and 1915 are estimates by the Department of Agriculture.

State.	1909. Barrels.	1914. Barrels.	1915. Barrels.
ALA.	296,000	533,000	532,000
ARIZ.	25,000	32,000	40,000
ARK.	766,000	1,667,000	1,183,000
CALIF.	1,644,000	2,000,000	1,563,000
COLO.	1,189,000	1,500,000	693,000
CONN.	514,000	833,000	511,000
DEL.	61,000	167,000	122,000
FLA.	...	...	...
GA.	300,000	667,000	625,000
IDAHO.	220,000	567,000	573,000
ILL.	1,031,000	1,233,000	4,716,000
IND.	920,000	1,433,000	3,883,000
IOWA.	2,249,000	533,000	3,220,000
KAS.	452,000	1,033,000	2,125,000
KY.	2,456,000	3,000,000	4,170,000
LA.	...	...	...
ME.	1,212,000	2,467,000	720,000
MD.	608,000	1,167,000	800,000
MASS.	850,000	1,467,000	885,000
MICH.	4,111,000	5,733,000	3,150,000
MINN.	348,000	233,000	412,000
MISS.	89,000	167,000	141,000
MO.	3,323,000	4,167,000	6,287,000
MONT.	189,000	300,000	347,000
NEB.	1,107,000	400,000	1,267,000
NEV.	25,000	67,000	40,000
N. H.	370,000	667,000	353,000
N. J.	469,000	1,133,000	777,000
N. M.	139,000	300,000	273,000
N. Y.	8,469,000	16,533,000	8,528,000
N. C.	1,592,000	3,000,000	1,972,000
N. D.	...	...	...
OHIO.	1,555,000	4,433,000	5,984,000
OKLA.	281,000	500,000	780,000
OREGON.	644,000	1,200,000	1,043,000
PENN.	3,683,000	7,700,000	5,085,000
R. I.	71,000	133,000	59,000
S. C.	121,000	267,000	221,000
S. D.	64,000	67,000	100,000
TENN.	1,546,000	2,867,000	2,025,000
TEXAS.	56,000	167,000	187,000
UTAH.	117,000	267,000	142,000
VT.	487,000	1,067,000	324,000
V.A.	2,035,000	5,100,000	4,393,000
WASH.	89,000	2,767,000	2,433,000
W. VA.	1,409,000	4,133,000	2,513,000
WIS.	744,000	733,000	1,473,000
WYO.	6,000	...	...
Total	48,690,000	84,400,000	76,670,000

FARM TENURE—WHITE AND COLORED.

There were 6,361,502 farms in the United States in the last census year. Of the total 5,440,619 were conducted by white farmers and 920,993 were conducted by colored farmers. Of white farmers in ten years there was an increase of 9.5 per cent., or 471,011 farms, and there was an increase of 19.9 per cent. of colored farmers, or 153,119 farms:

WHITE FARMERS.				
Tenure.	Year. 1900.	Year. 1910.	Decrease.	Per Increase. Ct.
Owners.....	3,025,931	3,159,088	133,157	4.4
Part Owners....	420,875	548,413	127,538	30.3
Managers.....	57,261	56,560	-701	-1.2
On Shares.....	988,539	1,140,215	151,676	15.3
Cash Rent....	477,002	536,343	59,341	12.4

Total U. S. 4,969,608 5,140,619 471,011 9.5

COLORED FARMERS.				
Owners.....	176,016	195,809	19,793	11.2
Part Owners....	30,501	45,412	14,911	48.9
Managers.....	1,824	1,544	-280	15.4
On Shares.....	284,700	388,174	103,474	36.3
Cash Rent....	271,603	289,914	18,311	5.6

Total U. S. 767,764 920,883 153,119 19.9
All Farms 5,737,372 6,361,502 624,130 10.9

The April farm price for oats is 88.9 cents a bushel, against 40.5 cents, the five-year average before the war.

Apples, Crop of 1916.

The crop of apples in the year 1916 shows a reduction of 8,975 barrels, compared with 1915, and 16,705 barrels compared with 1914, but it is 19,005 barrels greater than the crop of 1909. Comparisons showing increased and decreased crops, state by state, will be interesting.

State.	1916. Per Cent. Foil Crop.	1915. Per Cent. Foil Crop.	1914. Per Cent. Foil Crop.	1913. Per Cent. Foil Crop.	1912. Per Cent. Foil Crop.	1911. Per Cent. Foil Crop.	1910. Per Cent. Foil Crop.	1909. Per Cent. Foil Crop.	1908. Per Cent. Foil Crop.	1907. Per Cent. Foil Crop.	1906. Per Cent. Foil Crop.	1905. Per Cent. Foil Crop.	1904. Per Cent. Foil Crop.	1903. Per Cent. Foil Crop.	1902. Per Cent. Foil Crop.	1901. Per Cent. Foil Crop.	1900. Per Cent. Foil Crop.	1909. Per Cent. Foil Crop.
ALA.	51.0	50.0	380,000	72.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ARIZ.	79.0	80.0	46,000	90.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ARK.	52.0	43.0	1,018,000	64.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CALIF.	76.0	84.0	1,918,000	89.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
COLO.	61.0	58.0	735,000	80.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CONN.	60.0	61.0	610,000	75.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
DEL.	59.0	40.0	83,000	80.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
FLA.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
GA.	55.0	65.0	541,000	76.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
IDAHO.	80.0	20.0	147,000	85.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ILL.	47.0	37.0	1,616,000	66.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
IND.	50.0	35.0	1,307,000	69.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
IOWA.	51.0	45.0	1,575,000	73.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
KAS.	48.0	40.0	1,040,000	65.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
KY.	53.0	46.0	2,147,000	70.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
LA.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MAINE.	58.0	63.0	1,680,000	85.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MD.	62.0	62.0	848,000	82.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MASS.	61.0	75.0	1,150,000	79.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MICH.	53.0	60.0	4,160,000	70.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MINN.	63.0	65.0	422,000	76.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MISS.	48.0	45.0	116,000	70.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MO.	50.0	36.0	2,700,000	61.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MONT.	82.0	57.0	256,000	81.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
NEB.	54.0	40.0	567,000	77.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
NEV.	67.0	20.0	16,000	90.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
N. H.	60.0	71.0	532,000	84.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
N. J.	57.0	60.0	750,000	80.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
N. Y.	71.0	34.0	119,000	82.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
N. C.	53.0	63.0	12,600,000	72.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
N. D.	57.0	69.0	2,358,000	80.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
OHIO.	50.0	43.0	2,867,000	71.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
OKLA.	59.0	33.0	275,000	65.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
OREGON.	75.0	82.0	1,285,000	90.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
PENN.	57.0	70.0	6,207,000	82.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
R. I.	61.0	62.0	87,000	78.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
S. C.	57.0	57.0	196,000	73.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
S. D.	64.0	77.0	116,000	90.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TENN.	50.0	49.0	1,772,000	70.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TEXAS.	55.0	60.0	156,000	70.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
UTAH.	76.0	11.0	33,000	85.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
VT.	58.0	92.0	1,104,000	90.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
VA.	55.0	70.0	4,433,000	82.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
WASH.	77.0	90.0	3,225,000	90.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
W. VA.	56.0	76.0	3,344,000	85.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
WIS.	61.0	56.0	878,000	73.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
WYO.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	54.6	57.7	67,695,000	76.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Farm Prices.

The corn farm average price was \$1.53.6 a bushel on April 1st; oats, 88.9 cents; barley, \$1.70.2; and potatoes, 92.6 cents; and hay, \$1.68; and wheat, \$2.02.6; and rye, \$2.35 per bushel. These are government figures.

The loss of horses by disease is less than two per cent.; cattle, less than two per cent.; sheep, less than two per cent.; lambs, less than five per cent.; and swine, less than five per cent.

The farm price for barley, April 1st, was \$1.70.2 per bushel, against 64.3 cents a bushel, the five-year average before the war.

The Beekeepers and Colonies.

It is not often the colonies of bees are counted, but they are each census year. We present herewith tabulated comparison, showing the number of farms reporting the ownership of bees in each state and the number of colonies in the years 1900 to 1910. Unfortunately, the census people took the count in 1900 on June 1st and the next census the date was changed to April 15th. There appears to have been a decrease of beekeeping in ten years, from 1900 to 1910, but that is very likely not the case. We take official figures for what they are worth.

State.	Farms Report- ing, June 1, 1900.	Colonies of Bees, June 1, 1900.	Farms Report- ing, April 15, 1910.	Colonies of Bees April 15, 1910.
ALA....	32,100	205,369	23,911	135,140
ARIZ....	489	18,991	441	23,770
ARK....	22,182	111,318	19,692	92,731
CALIF....	6,915	129,444	6,870	201,023
COLO....	4,518	59,756	3,563	71,434
CONN....	2,252	11,438	1,798	9,445
DEL....	1,684	10,187	1,119	6,410
D. COL....	7	59	13	151
FLA....	4,521	39,753	4,345	38,895
GA....	32,246	187,919	23,167	130,549
IDAHO....	2,387	19,240	2,368	21,993
ILL....	34,932	179,933	29,741	155,843
IND....	28,632	117,148	19,487	80,938
IOWA....	28,977	138,811	28,935	160,025
KAS....	18,295	88,504	16,869	73,737
KY....	44,974	203,820	35,603	152,991
LA....	6,148	35,231	4,928	29,591
ME....	2,496	10,857	1,371	7,592
MD....	5,098	28,013	4,186	23,156
MASS....	1,799	8,381	1,597	7,461
MICH....	18,122	100,397	16,892	115,271
MINN....	6,078	45,877	5,222	56,677
MISS....	17,990	95,257	16,028	74,350
MO....	41,145	205,110	40,110	203,569
MONT....	234	1,801	795	6,313
NEB....	12,130	52,143	12,538	45,625
NEV....	278	5,692	176	8,401
N. H....	1,238	5,520	1,002	4,644
N. J....	2,327	14,118	1,627	10,481
N. M....	1,110	6,164	418	10,052
N. Y....	22,738	187,208	15,259	156,360
N. C....	41,051	214,539	36,248	189,178
N. D....	30	279	79	495
OHIO....	34,458	151,391	23,203	98,242
OKLA....	3,438	20,137	4,816	19,413
ORE....	8,895	55,585	8,861	47,285
PENN....	28,962	161,670	22,297	124,815
R. I....	370	1,681	285	1,267
S. C....	16,272	93,958	12,528	75,422
S. D....	387	2,063	1,355	6,565
TENN....	38,225	225,788	27,706	144,481
TEXAS....	60,043	392,644	37,881	238,107
UTAH....	3,707	33,818	1,873	26,185
VT....	1,878	12,836	1,124	10,215
VA....	25,744	139,064	22,437	104,003
WASH....	4,435	30,870	5,886	33,884
W. VA....	25,240	111,417	24,035	110,673
WIS....	10,535	106,000	10,391	95,633
WYO....	153	1,020	579	4,596
Total	707,215	4,108,239	585,955	3,445,006

Honey Production, 1915 and 1916.

Special reports from honey producers indicate the following average production of honey per colony of bees for each state and the United States, 1915 and 1916.

The number of colonies at the spring count in 1916 was estimated to be 2.8 per cent. greater than shown by the spring count in 1915, which, with the yields above, show 28.3 per cent., indicating a total crop of honey greater than the crop of 1915.

Average Yield of All Surplus Honey Per Colony (Spring Count).

State.	1915.	1916.	State.	1915.	1916.
ALA....	39	48	NEB....	51	96
ARIZ....	70	55	NEV....	90	60
ARK....	25	29	N. H....	48	38
CALIF....	72	62	N. J....	31	66
COLO....	36	68	N. M....	40	59
CONN....	26	33	N. Y....	59	65
DEL....	30	36	N. C....	72	23
DIST. OF C....	65	85	N. D....	72	40
FLA....	32	33	OHIO....	22	60
GA....	44	81	OKLA....	29	39
IDAHO....	70	50	OREGON....	35	30
ILL....	44	81	PENN....	34	54
IND....	26	62	R. I....	35	36
IOWA....	66	82	S. C....	23	35
KAS....	35	60	S. D....	48	84
KY....	40	53	TENN....	25	31
LA....	30	42	TEXAS....	37	45
MAINE....	36	52	UTAH....	57	33
MD....	22	46	VT....	35	38
MASS....	30	36	VA....	47	32
MICH....	50	65	WASH....	57	45
MISS....	29	31	WIS....	63	69
MINN....	51	57	W. VA....	33	25
MO....	35	75	WYO....	50	60
MONT....	63	65	U. S....	42.3	52.8

Honey and Wax.

In the year 1899 the production of honey was 61,099,290 pounds, production of wax 1,763,595 pounds, the total value of the same being \$6,656,611. Ten years later, in 1909, at the last census enumeration, production of honey was 54,814,890 pounds, wax production was 904,867 pounds, and the total value of honey and wax was \$5,992,083.

State.	1909.		Value, Honey.	Value, Wax.
	Honey, Pounds.	Wax, Pounds.		
ALA ..	891,954	50,043	\$ 88,088	\$ 11,889
ARIZ.	1,025,282	15,012	53,298	3,905
ARK....	913,515	20,403	107,846	5,122
CALIF.	10,261,715	126,445	631,529	33,838
COLO.	2,806,492	33,682	225,832	8,502
CONN....	145,722	1,096	25,558	355
DEL....	62,777	2,756	7,770	465
D. C....	3,657	47	47	47
FLA....	747,832	18,631	56,050	4,856
GA....	884,662	23,434	96,114	5,774
IDAHO	1,011,068	8,018	86,251	2,131
ILL....	1,428,640	26,240	194,625	6,138
IND....	687,097	15,115	102,490	3,226
IOWA	2,374,080	41,206	275,418	10,011
KAS....	609,785	4,332	83,243	1,194
KY....	1,558,670	17,307	197,720	4,522
LA....	340,134	12,284	30,915	2,996
ME....	112,051	2,260	20,016	670
MD....	306,367	4,358	38,164	1,080
MASS....	96,802	1,019	18,806	370
MICH....	2,567,810	28,524	289,137	7,605
MINN....	976,262	16,880	120,560	4,057
MISS....	559,012	15,155	60,972	3,890
MO....	2,105,815	23,784	267,998	6,176
MONT....	163,510	394	21,432	133
NEB....	527,868	3,336	73,463	935
NEV....	354,903	7,766	34,920	2,082
N. H....	65,038	792	13,363	260
N. J....	152,072	1,372	22,484	433
N. M....	439,528	5,345	38,113	1,526
N. Y....	3,191,733	43,198	376,608	13,034
N. C....	1,809,127	76,400	211,607	18,979
N. D....	11,084	92	1,840	29
OHIO....	1,001,179	7,454	131,710	2,181
OKLA....	140,234	1,088	23,783	313
ORE....	839,981	8,383	92,476	2,034
PENN....	1,840,360	21,823	256,428	6,376
R. I....	14,221	185	2,904	55
S. C....	653,119	12,440	75,941	2,995
S. D....	139,714	943	20,165	278
TENN....	1,468,123	28,864	175,791	7,271
TEX....	3,093,097	58,402	308,488	14,310
UTAH....	1,138,091	16,667	75,892	3,871
VT....	160,283	2,899	25,351	815
VA....	1,844,360	23,883	167,971	5,956
WASH....	503,580	4,038	65,196	1,195
W. VA....	1,550,739	11,090	228,843	2,787
WIS....	2,153,819	55,402	223,606	12,117
WYO....	138,924	1,563	16,248	477
Total	54,814,890	904,867	\$5,762,869	\$229,214

Summary of Nut Growing.

The following statement gives the number of farms, state by state, in which commercial nuts are grown. It is compiled from Census Bureau Reports.

	1910.				Total Farms Re-
State.	Pecans, Farms.	Wal-nuts.	Wal-nuts.	Al-monds, Farms.	port-ing.
ALA...	5,834	1,025	1164	69	8,092
ARIZ...	39	2	62	155	258
ARK...	1,134	997	182	22	2,335
CALIF...	294	242	7,357	6,319	14,212
COLO...	4	31	7	36	78
CONN...	3	253	.....	.....	256
DEL...	14	260	.....	.....	284
FLA...	4,614	218	327	29	5,188
GA...	7,353	2,083	1,020	54	10,510
IDAHO	10	80	74	60	224
ILL...	755	1,792	87	5	2,639
IND...	280	920	.....	2	1,202
IOWA...	17	3,945	1	2	3,965
KAS...	466	1,874	.....	16	1,356
KY...	197	921	106	2	1,226
LA...	4,483	153	411	24	5,071
ME...	.....	32	.....	1	33
MD...	63	1,010	754	13	1,840
MASS...	1	280	.....	3	284
MICH...	6	2,429	.....	3	2,438
MINN...	4	321	2	1	328
MISS...	6,671	818	1,239	58	8,786
MO...	1,060	2,886	86	13	4,045
MONT...	.....	16	.....	1	17
NEB...	14	1,553	.....	2	1,569
NEV...	2	4	11	40	57
N. H...	.....	163	.....	.....	163
N. J...	12	1,072	170	3	1,257
N. M...	69	31	123	14	237
N. Y...	8	2,815	81	2	2,906
N. C...	2,110	3,929	563	37	6,639
N. D...	1	14	.....	.....	15
OHIO...	21	945	71	.....	1,037
OKLA...	1,296	470	252	47	2,065
ORE...	94	261	4,309	505	5,160
PENN...	130	13,754	68	10	13,962
R. I...	1	8	1	.....	10
S. C...	2,888	986	526	33	4,433
S. D...	7	311	.....	1	309
TENN...	395	1,289	96	7	1,787
TEX...	10,519	280	704	207	11,710
UTAH...	5	.....	53	113	171
VT...	1	110	.....	1	112
VA...	240	2,586	371	6	3,203
WASH...	35	104	1,461	293	1,893
W. VA...	10	1,337	121	2	1,470
WIS...	.....	333	.....	.....	333
WYO...	.....	2	1	.....	3
Total.	51,160	53,145	21,859	8,214	135,268

An Early Thrift Garden.

The earliest drawing or view of a monastic garden in England was that of Canterbury, and was drawn by the Engineer Wilbert in 1165. It is now preserved in the library of Trinity College, Cambridge. The plan records the trees and vines, fish ponds, etc.

Three Books in One.

Agricultural Statistics is three books in one. First, there is the Statistical Department. Secondly, the Directory of Business Interests; and thirdly, the Directory of Live Stock Breeders and Experimental Farmers. It is a grand combination.

They Had the Grapes.

In the accounts of the British government of 1158-9, occur mention of payments to the vine dressers of Windsor. It appears also that the gardens at Windsor were enclosed by a ditch.

IMPORTS AND EXPORTS OF LIVE STOCK.

The following interesting statement from official records is an exhibit of imports and exports of domestic animals. The memorandum goes back nine years. We have imported many sheep and cattle from Mexico, and have exported comparatively large numbers of horses and mules to Europe:

LIVE STOCK IMPORTS.

Year.	Cattle.	Sheep.	Horses.	Mules.
1909.....	153,902	127,019	9,580	.....
1910.....	211,230	56,201	10,714	.....
1911.....	25,413	23,063	8,469	.....
1912.....	325,717	15,342	8,333	.....
1913.....	328,717	15,342	8,333	.....
1914.....	736,937	115,688	18,617	.....
1915.....	727,891	199,825	25,764	.....
1916.....	552,489	276,521	13,693	.....
1917.....	295,647	125,722	12,371	.....
1917.....	347,510	202,861	10,002	.....

LIVE STOCK EXPORTS.

Year.	Cattle.	Sheep.	Horses.	Mules.
1909.....	184,957	54,613	23,428	4,162
1910.....	109,629	52,638	29,359	6,458
1911.....	164,067	177,069	30,291	4,920
1912.....	46,463	191,963	29,329	4,490
1913.....	26,236	170,411	29,356	5,075
1914.....	8,694	78,227	92,923	13,761
1915.....	16,252	40,501	443,014	122,000
1916.....	12,179	55,089	287,413	134,461
1917.....	20,009	30,300	170,322	72,590

HORSES AND MULES EXPORTED.

Two tabulations show the number of horses and mules exported from the United States, month by month, during the years 1914, 1915, 1916 and 1917. These tables are made up from the Summaries of Foreign Commerce of the United States, issued by the Department of Commerce:

HORSES.

Year.	1914.	1915.	1916.	1917.
	Number.	Number.	Number.	Number.
JAN....	1,104	34,643	21,593	30,171
FEB....	1,324	36,960	22,543	14,523
MARCH	3,071	33,694	23,567	18,905
APRIL...	5,161	30,736	16,487	16,943
MAY....	1,301	33,498	18,654	16,437
JUNE....	1,236	40,083	21,300	18,435
JULY....	927	47,380	24,715	7,657
AUG....	804	43,593	29,878	11,047
SEPT....	7,146	44,345	31,558	9,411
OCT....	12,091	16,127	29,590	10,008
NOV....	28,071	25,630	18,044	4,127
DEC....	30,687	26,325	29,475	12,658
Total.	92,923	443,014	287,413	170,322

MULES.

Year.	1914.	1915.	1916.	1917.
	Number.	Number.	Number.	Number.
JAN....	434	6,909	7,246	10,812
FEB....	625	6,638	11,597	12,906
MARCH	569	6,433	7,232	14,186
APRIL...	630	12,253	5,302	4,006
MAY....	273	13,643	9,233	5,547
JUNE....	244	12,916	9,091	4,472
JULY....	211	15,031	7,456	2,320
AUG....	108	12,925	16,629	2,392
SEPT....	181	10,094	17,239	5,861
OCT....	195	9,396	15,309	4,444
NOV....	1,035	7,943	15,997	1,218
DEC....	5,266	11,825	12,130	4,926
Total..	9,771	122,066	134,461	72,590

Keeping Farm Books.

About the earliest account books of farming operations were kept and preserved at the Norwich Priory and Abingdon Abbey, in England, in 1369. These accounts show the receipts and expenses of the garden operations, but not the plants that were grown or the processes of cultivation.

Increased production will win the war, and nothing else will do it.

BLACK WALNUTS.

Trees, Productions and Values by Different States.

In the year 1909 black walnut trees of bearing age were grown upon 54,837 farms, and trees not of bearing age were grown upon 14,994 farms. The bearing trees numbered 786,210 and the young trees were 273,856. The total production in pounds was 15,628,776, and the total market value was \$244,479. The table herewith shows the details by states.

State.	Trees of Bearing Age.	Trees Not of Bearing Age.	Production. Pounds.	Value. Dollars.
ALA....	3,228	1,753	157,245	3,477
ARIZ....	5	26		
ARK....	9,104	5,640	514,273	7,795
CALIF....	6,582	7,905	159,374	2,562
COLO....	3,111	416	7,330	248
CONN....	3,188	2,636	45,304	1,856
DEL....	890	554	35,200	581
FLA....	470	2,855	42,573	766
GA....	6,850	4,627	427,607	8,598
IDAHO....	502	1,847	2,053	41
ILL....	44,159	24,698	530,730	7,411
IND....	11,848	4,822	378,842	4,386
IA....	125,194	24,277	1,134,061	20,589
KAS....	113,537	8,619	377,649	6,033
KY....	14,521	2,360	793,970	11,284
LA....	616	655	54,624	970
ME....	231	63	1,600	50
MD....	5,375	1,522	274,936	2,997
MASS....	1,910	434	40,064	1,219
MICH....	16,105	3,520	546,779	7,804
MINN....	7,036	6,307	65,074	1,490
MISS....	2,914	2,391	151,406	3,700
MO....	85,330	15,199	2,446,402	24,526
MONT....	20	236		
NEB....	78,296	36,526	381,968	8,740
NEV....	34		2,500	29
N. H....	1,518		13,330	375
N. J....	4,168	804	151,828	2,766
N. M....	101	1,823	200	10
N. Y....	19,872	27,591	465,918	11,485
N. C....	19,570	9,180	1,081,480	16,138
N. D....	2	300		
OHIO....	8,693	3,399	354,135	4,645
OKLA....	21,412	7,204	94,659	1,591
ORE....	2,024	3,405	69,097	1,333
PENN....	65,075	22,193	2,162,471	39,306
R. I....	25		1,320	45
S. C....	3,662	2,258	185,252	3,672
S. D....	16,726	10,219	72,659	1,490
TENN....	18,235	3,536	708,627	9,194
TEX....	1,820	1,206	55,446	995
VT....	1,704	253	32,910	725
VA....	23,049	9,173	600,141	9,723
WASH....	1,427	601	43,438	687
W. VA....	32,495	9,682	878,215	11,430
WIS....	3,159	922	86,086	1,617
WYO....	17	11		
Total.	786,210	273,856	15,628,776	244,479

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The most useful farm paper in the United States is The National Farmer and Stock Grower of St. Louis, Mo. Philip H. Hale, Editor.

Persian or English Walnuts.

In the year 1899 the production of English walnuts was 10,668,065 pounds, and ten years later, in 1909, the product had increased to 22,026,524 pounds. In the census year 1910 there were 16,867 farms reporting 914,270 trees of bearing age and 19,991 farms reporting 806,413 trees not of bearing age. The value of the 1909 production was estimated at \$2,297,333. California grows nearly all the crop, but we give other states the credit they are entitled to.

State.	Trees of Bearing Age.	Trees Not of Bearing Age.	Production. Pounds.	Value. Dollars.
ALA....	3,022	4,180	43,673	3,557
ARIZ....	103	324	1,000	161
ARK....	1,284	1,260	15,436	1,384
CAL....	853,237	546,804	21,432,266	2,247,193
COLO....	39	80	25	3
DEL....	15	15	222	44
FLA....	786	1,489	28,575	2,018
GA....	3,433	6,996	56,585	4,161
IDA....	407	1,013	633	79
ILL....	772	1,045	3,497	331
IA....	200			
KY....	1,227	1,193	35,825	1,499
LA....	1,228	3,390	15,173	1,446
MD....	2,068	1,758	6,916	745
MINN....	1	7	50	5
MISS....	2,705	5,513	66,492	6,949
MO....	1,214	909	5,791	618
NEV....	39	148	200	20
N. J....	429	1,360	2,798	302
N. M....	250	1,641	715	91
N. Y....	456	139	9,346	858
N. C....	2,125	1,731	73,303	3,686
OHIO....	599	220	2,461	154
OKLA....	6,889	5,962	6,700	489
ORE....	9,526	177,001	79,060	8,288
PENN....	198	142	4,523	516
R. I....	4	1		
S. C....	1,373	1,834	28,160	2,583
TENN....	437	137	4,157	295
TEX....	9,685	13,015	40,658	3,703
UTAH....	292	484	5,985	533
VA....	3,540	1,642	22,512	1,231
WASH....	3,651	23,406	16,450	2,241
W. VA....	3,035	1,481	17,337	2,153
WYO....	1			
Total	914,270	806,413	22,026,524	2,297,336

Cantaloupes, 1916 and 1917.

Eight thousand additional acres devoted to producing cantaloupes is the good record of the year 1917. We obtain therefrom a nice million additional crates. We herewith give the heart of the Agricultural Department report:

State.	1916. Acre-age Harvested. Acres.	1916. Production. Crates.	1917. Acre-age Harvested. Acres.	1917. Forecast of Production. Crates.
N. C....	4,300	602,000	4,100	574,000
S. C....	1,000	142,000	900	138,000
GA....	5,000	730,000	7,600	1,170,400
FLA....	1,500	210,000	1,200	127,200
TENN....	400	68,000	200	29,600
ALA....	300	40,800	600	88,800
ARK....	3,300	382,000	6,900	752,100
COLO....	5,300	826,800	4,500	855,000
N. M....	600	121,200	700	126,000
ARIZ....	1,800	324,000	3,400	612,000
NEV....	600	108,000	600	108,000
CALIF....				
IM. VAL.	9,200	1,987,200	13,800	2,608,200
CEN. CAL.	7,100	1,228,000	3,500	598,500
Total..	40,400	6,771,900	48,000	7,788,400

The common garden or bush bean first cultivated in England in the year 1509.

FERTILIZER TONNAGE.**Official Statements and Estimates of the Amount of Commercial Fertilizer Used in Each State in Different Years.**

This tabulated statement is published by courtesy of the American Fertilizer Handbook, published by Ware Bros. & Company, of Philadelphia. Where the amount of fertilizer consumed is considerable, the figures are from official records; in other states where records are not complete, the same estimates have been made. We have selected three years for publication. The first is 1910 as a starting point, and 1914 as the year of the largest consumption thus far, and the year 1915 as the latest figures available.

Consumption of Fertilizers.

State.	1910. Tons.	1914. Tons.	1915. Tons.
ALA.....	425,000	592,200	302,350
ARIZ.....	200	650	700
ARK.....	30,000	84,850	26,396
CALIF.....	41,000	39,471	31,540
COLO.....	2,000	3,500	3,600
CONN.....	42,000	85,000	92,000
DEL.....	23,000	55,000	45,000
FLA.....	182,641	240,812	208,782
GA.....	1,022,048	1,282,088	872,979
IDAHO.....	700	1,500	1,500
ILL.....	55,000	75,000	75,000
IND.....	151,856	219,000	156,152
IOWA.....	4,800	4,200	5,100
KAS.....	1,210	9,460	10,060
KY.....	58,000	83,000	85,000
LA.....	88,396	90,588	73,420
MAINE.....	125,000	168,000	160,000
MD.....	148,000	183,350	168,000
MASS.....	65,000	150,000	162,000
MICH.....	40,000	60,000	65,000
MINN.....	1,800	3,800	4,000
MISS.....	132,776	127,400	85,414
MO.....	31,585	65,000	57,000
MONT.....	200	1,100	1,200
NEB.....	200	1,250	1,500
NEV.....	160	950	1,000
N. H.....	17,500	50,000	54,000
N. J.....	125,000	155,414	153,075
N. M.....	500	1,200	1,500
N. Y.....	375,000	490,000	525,000
N. C.....	630,906	872,820	647,198
N. D.....	250	1,250	1,500
OHIO.....	142,000	203,000	225,000
OKLA.....	6,000	29,000	25,000
OREGON.....	2,500	6,300	6,500
PENN.....	300,000	381,900	316,319
R. I.....	10,300	20,000	21,600
S. C.....	975,039	1,095,728	603,421
S. D.....	100	1,000	1,500
TENN.....	58,612	93,550	66,800
TEXAS.....	34,000	77,400	17,500
UTAH.....	400	1,200	1,500
VT.....	18,000	27,500	28,000
VA.....	344,951	437,808	406,077
WASH.....	1,300	2,400	3,000
W. VA.....	32,500	35,475	46,010
WIS.....	2,000	4,500	5,000
WYO.....	100	400	500
PORTO RICO.....	23,922	18,164	20,000
Total.....	5,759,555	7,629,228	5,870,683

Do not forget the **NATIONAL FARMER and STOCK GROWER**, the best advertising medium for the money in the field of agricultural publications.

Fertilizers Used on Farms.

This is a foundation table on which later information can be carried. It shows the amount of money the

farmers of different states reported they had expended in one year for fertilizing materials, that year being 1899. Ten years later, in 1909, we show the number of farms in each state that reported purchasing fertilizer and the amount paid in each state for same. That is as far as we can go in this edition of AGRICULTURAL STATISTICS.

State.	1899. Amount Expended.	1909. Farms Reporting.	1909. Amount Expended.
ALA.....	\$ 2,599,290	163,241	\$ 7,630,952
ARIZ.....	2,921	33	6,080
ARK.....	172,510	22,113	596,553
CALIF.....	937,050	7,470	2,143,993
COLO.....	23,225	560	63,113
CONN.....	1,078,240	15,584	1,954,163
DEL.....	539,040	9,023	864,577
D. C.....	22,600	77	16,975
FLA.....	753,120	29,826	3,609,853
GA.....	5,738,520	236,271	16,860,149
IDAHO.....	17,150	237	20,737
ILL.....	830,660	11,207	615,594
IND.....	1,553,710	55,431	2,189,695
IOWA.....	337,190	1,776	109,570
KAS.....	268,360	1,415	75,602
KY.....	908,250	56,783	1,350,720
LA.....	1,076,890	22,111	2,004,910
ME.....	819,680	32,497	4,069,470
MD.....	2,618,890	37,154	3,387,634
MASS.....	1,320,600	21,689	1,965,682
MICH.....	492,360	31,327	945,354
MINN.....	251,120	1,436	74,653
MISS.....	932,098	78,677	2,703,271
MO.....	370,630	18,434	671,073
MONT.....	3,940	89	12,323
NEB.....	153,080	369	31,021
NEV.....		35	8,379
N. H.....	367,980	15,351	512,580
N. J.....	2,165,320	23,685	4,227,604
N. M.....	2,881	827	25,371
N. Y.....	4,493,050	113,883	7,142,265
N. C.....	4,479,030	181,718	12,262,533
N. D.....	13,855	175	10,003
OHIO.....	2,695,470	118,888	4,180,485
OKLA.....		622	29,092
OREGON.....	27,395	2,887	68,557
PENN.....	4,685,920	129,769	6,801,605
R. I.....	264,140	3,318	335,103
S. C.....	4,494,410	140,303	15,162,017
S. D.....	12,940	185	11,294
TENN.....	898,070	53,498	1,216,296
TEXAS.....	124,716	15,931	595,363
UTAH.....	14,300	571	20,037
VT.....	447,065	19,033	570,752
VA.....	3,681,790	111,277	6,932,455
WASH.....	29,165	1,801	87,023
W. VA.....	405,270	23,967	528,937
WIS.....	294,320	2,995	127,753
WYO.....	12,700	33	5,302
Total.....	\$53,430,910	1,823,032	\$114,882,541

Marketings of Wheat.

One table below explains by quantity when the wheat crop is sold by farmers, and the other table shows the same result by percentage. We have taken some liberties with the government report to make it handier and fit the minds of the inquirers.

	Estimated Amount Sold Monthly by Farmers (Mil- lions of Bushels).				Per Cent. of Year's Sales.			
	1913.	1914.	1915.	1916.	1913.	1914.	1915.	1916.
JAN.	38	44	41	58	5.7	6.7	5.1	6.8
FEB.	31	32	46	58	5.4	4.8	5.7	6.8
MCH.	22	28	26	32	3.7	4.2	3.3	3.8
APR.	22	19	37	33	3.4	2.9	4.6	3.9
MAY.	25	23	22	40	3.8	3.5	2.7	4.7
JUNE.	25	25	17	31	3.3	3.8	2.1	3.6
JULY.	54	108	141	60	8.4	16.3	17.5	7.1
AUG.	88	88	106	94	13.0	13.4	13.2	11.0
SEPT.	104	94	125	122	16.4	14.3	15.5	14.1
OCT.	103	85	100	123	12.9	12.8	12.5	14.5
NOV.	69	64	83	105	8.4	9.7	10.3	12.4
DEC.	55	50	60	94	6.4	7.6	7.5	11.0
Total	635	660	804	850	100.0	100.0	100.0	100.0

THE SIZE OF AMERICAN FARMS.

The following tabulated statement is an exhibit of the different sized farms in the United States, showing the number in each state in each class. On page 4 will be found a memorandum of the total number of each size in the United States:

States.	Farms less than 3 Acres.	Farms 3 to 9 Acres.	Farms 10 to 19 Acres.	Farms 20 to 49 Acres.	Farms 50 to 99 Acres.	Farms 100 to 174 Acres.	Farms 175 to 250 Acres.	Farms 260 to 499 Acres.	Farms 500 to 999 Acres.	Farms ex- ceeding 1,000 Acres.
ALA.	130	13,613	28,115	106,841	55,448	35,563	11,932	8,161	2,276	822
ARIZ.	1,595	912	839	1,447	820	2,591	263	494	164	72
ARK.	114	6,270	29,875	74,983	45,373	39,353	11,135	6,014	1,163	398
CALIF.	1,269	9,324	11,932	20,614	10,680	12,015	4,689	7,862	5,119	4,693
COLO.	569	2,222	2,279	3,882	4,384	16,355	3,004	9,472	2,426	1,577
CONN.	223	2,693	3,119	6,306	6,634	4,999	1,702	911	188	40
DEL.	32	672	831	1,988	2,977	2,849	994	435	52	6
D. C.				217						
FLA.	307	3,758	5,019	17,169	9,999	8,178	2,589	1,953	670	371
GA.	98	8,602	20,929	117,432	68,510	42,275	16,436	11,274	3,950	1,521
IDAHO.	189	875	941	4,048	5,820	11,891	2,519	3,347	921	256
ILL.	845	9,191	10,258	33,322	57,917	80,539	38,315	19,440	1,842	203
IND.	441	11,508	11,695	40,161	67,221	57,261	18,081	8,026	949	142
IOWA.	392	7,295	6,037	15,687	38,712	80,121	40,304	25,861	2,430	214
KAS.	220	4,221	3,601	10,738	26,151	57,789	26,590	34,696	10,475	3,360
KY.	315	21,777	33,380	58,737	65,778	50,134	17,315	9,324	2,181	444
LA.	344	6,671	22,241	46,389	20,248	13,681	4,645	3,761	1,548	1,013
MAINE.	118	3,456	3,539	9,492	17,895	16,633	5,653	2,640	461	129
MD.	148	4,977	5,107	8,629	9,946	11,457	5,043	3,027	506	83
MASS.	833	4,817	4,956	8,890	7,981	5,703	2,147	1,178	319	93
MICH.	387	6,679	7,719	49,890	73,748	50,622	12,426	4,717	607	165
MINN.	294	2,555	2,770	12,028	26,571	55,424	27,972	24,864	3,359	300
MISS.	240	11,132	55,571	112,666	44,645	30,172	10,132	6,983	2,061	780
MO.	455	8,561	10,740	47,398	74,178	80,020	32,109	19,812	3,427	544
MONT.	274	229	252	956	1,260	10,552	1,566	6,773	2,353	1,999
NEB.	129	2,298	1,951	4,558	12,618	43,916	20,743	26,490	13,128	3,867
NEV.	87	79	105	320	411	555	174	366	248	344
N. H.	92	2,357	2,146	4,509	6,248	6,247	2,064	1,819	513	167
N. J.	541	3,256	4,276	7,607	8,194	7,207	1,659	576	112	59
N. MEX.	988	3,212	2,685	2,812	1,820	15,363	1,353	6,035	836	572
N. Y.	1,424	17,231	15,533	31,047	56,821	61,031	21,901	9,262	1,104	243
N. C.	116	14,868	28,240	75,629	62,157	43,987	15,629	9,625	2,669	805
N. DAK.	54	82	93	450	1,207	23,003	5,345	29,048	12,662	2,416
OHIO.	749	19,448	18,716	50,331	88,047	68,746	18,211	6,902	783	112
OKLA.	104	1,975	5,079	31,189	39,002	75,186	16,078	17,734	2,688	857
OREGON.	244	2,639	3,147	6,888	6,800	12,009	3,680	5,663	2,716	1,716
PA.	972	19,130	18,556	39,721	65,687	55,518	14,096	4,816	632	167
R. I.	145	585	647	1,144	1,264	945	312	175	51	24
S. C.	53	14,218	23,714	70,582	33,147	19,427	7,164	5,375	1,942	812
S. DAK.	99	341	368	1,121	2,406	28,396	8,230	24,811	9,698	2,174
TENN.	143	14,713	32,485	72,212	60,105	41,545	14,149	8,301	1,878	481
TEXAS.	411	9,069	19,891	98,583	112,237	94,574	31,864	27,185	12,833	11,123
UTAH.	297	1,836	2,541	5,550	4,170	3,660	1,372	1,309	551	390
VT.	60	2,581	1,937	3,481	5,910	9,492	5,194	3,322	607	125
VA.	227	17,464	22,055	42,390	38,342	32,997	14,963	11,138	3,450	992
WASH.	563	4,593	5,373	10,252	7,105	13,884	3,089	6,126	3,481	1,726
W. VA.	117	7,419	7,863	20,322	26,806	20,166	7,481	4,767	1,316	437
WIS.	273	5,491	4,883	23,460	54,007	58,439	20,196	9,274	966	167
WYO.	284	83	53	338	645	3,816	785	2,846	984	1,155

COMPARATIVE GRAIN CROPS OF UNITED STATES FOR A SERIES OF YEARS.

Crop.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.
1887.	456,329,000	1,456,161,000	659,618,000	20,691,000	56,812,000
1888.	414,868,000	1,387,790,000	701,735,000	28,415,000	63,884,000
1889.	490,560,000	2,112,892,000	751,511,000	28,500,000	66,000,000
1890.	399,262,000	1,489,970,000	523,621,000	29,000,000	58,800,000
1891.	611,780,000	2,060,154,000	733,394,000	36,000,000	77,400,000
1892.	515,949,000	1,628,464,000	661,035,000	36,000,000	76,460,000
1893.	396,131,725	1,619,496,131	638,854,850	26,555,446	69,869,495
1894.	460,267,416	1,212,770,052	662,036,928	26,737,615	61,100,465
1895.	467,102,947	2,151,138,580	824,443,537	27,210,070	67,072,744
1896.	427,684,246	2,283,875,165	707,346,044	24,369,047	69,695,223
1897.	530,149,168	1,902,967,933	698,767,809	7,363,324	66,685,127
1898.	675,148,705	1,924,184,660	730,906,643	25,657,522	55,792,257
1899.	547,303,846	2,078,143,933	796,177,713	23,961,741	73,381,563
1900.	522,229,505	2,105,102,516	809,125,989	23,995,927	58,925,833
1901.	748,460,218	1,522,519,891	736,808,724	30,344,830	109,932,924
1902.	670,063,008	2,523,648,812	987,842,712	33,630,592	134,954,023
1903.	637,821,835	2,244,176,925	784,094,199	29,363,416	131,861,391
1904.	552,399,517	2,467,480,934	994,595,552	27,234,565	139,748,958
1905.	692,979,489	2,707,493,540	953,216,197	27,616,045	136,651,020
1906.	735,260,970	2,927,416,001	964,904,523	33,274,833	178,916,484
1907.	634,087,000	2,592,320,000	754,443,000	31,566,000	153,597,000
1908.	664,692,000	2,668,651,000	807,156,000	31,851,000	166,756,000
1909.	683,350,000	2,552,190,000	1,007,129,000	29,520,000	176,321,000
1910.	635,121,000	2,886,260,000	1,186,341,000	34,897,000	173,832,000
1911.	621,538,000	2,531,488,000	922,298,000	33,119,000	160,240,000
1912.	730,267,000	3,124,746,000	1,418,337,000	35,664,000	223,824,000
1913.	763,380,000	2,446,988,000	1,121,768,000	41,381,000	178,189,000
1914.	891,017,000	2,672,804,000	1,141,060,000	42,779,000	194,953,000
1915.	1,011,505,000	3,054,535,000	1,540,362,000	49,190,000	237,009,000
1916.	639,886,000	2,533,241,000	1,231,992,000	47,383,000	150,927,000
1917.	650,828,000	3,159,494,000	1,587,000,000	60,145,000	208,975,000

FARM TENURE—WHITE AND COLORED.

In the United States at the last census 5,540,619 farms were in the hands of white farmers and 920,883 farms were in the hands of colored farmers. White owners cultivating their own farms were 3,707,501, and colored farmers cultivating their own farms were 241,221. White farm managers conducted 56,560 farms and 1,544 colored men managed other people's farms. There were 1,676,558 farms rented by white tenants and 678,118 farms rented by colored tenants.

State.	WHITE FARMERS.		COLORED FARMERS.	
	Owners.	Tenants.	Owners.	Tenants.
ALA.	86,847	594	65,017	17,082
ARIZ.	5,054	152	818	3,149
ARK.	91,987	717	58,381	14,662
CALIF.	65,694	3,355	16,070	938
COLO.	36,527	786	8,283	4,666
CONN.	23,155	937	2,610	79
DEL.	5,772	107	4,035	406
D. C.	110	14	81	8
FLA.	28,101	1,174	6,020	7,298
GA.	82,930	1,296	84,242	15,698
IDAHO.	26,826	450	3,126	343
ILL.	144,318	2,368	103,761	789
IND.	148,029	2,282	64,369	472
IOWA.	132,867	1,924	82,052	136
KAS.	110,010	1,814	64,826	1,098
KY.	164,403	953	82,009	5,929
LA.	42,264	873	22,530	10,725
MAINE.	56,429	998	2,560	25
MD.	29,569	901	12,081	3,950
MASS.	31,966	1,859	2,968	100
MICH.	171,525	1,952	32,537	785
MINN.	211,910	1,220	32,714	194
MISS.	67,040	719	41,886	25,026
MO.	190,176	1,960	81,442	2,109
MONT.	22,198	502	2,318	1,167
NEB.	78,881	986	49,349	369
NEV.	2,023	180	325	152
N. H.	24,481	680	1,887	12
N. J.	23,868	1,033	8,110	265
N. M.	31,277	317	1,934	2,121
N. Y.	165,866	4,037	44,755	808
N. C.	123,877	1,014	63,148	21,443
N. D.	62,485	482	10,650	727
OHIO.	190,791	2,725	76,579	1,813
OKLA.	74,250	624	94,643	11,150
ORE.	37,318	839	6,718	478
PENN.	163,883	3,930	50,931	341
R. I.	4,055	251	942	29
S. C.	43,978	732	34,926	20,372
S. D.	55,248	422	10,166	2,736
TENN.	133,425	775	73,504	10,700
TEX.	174,631	2,251	170,970	21,232
UTAH.	19,546	193	1,661	216
VA.	101,436	1,445	33,023	32,228
VT.	28,048	635	4,006	17
WASH.	46,804	950	7,313	701
W. VA.	75,420	865	19,692	558
WIS.	150,473	1,447	24,616	549
WYO.	9,781	310	894	61
U. S.	3,707,501	1,676,558	1,544	
U. S.	56,560	241,221	678,118	

IMPROVED AND UNIMPROVED LAND.

NOTE.—Farm land is divided by the Census Department into three classifications: 1. Improved land includes all land regularly tilled or mowed, land pastured and cropped in rotation, land lying fallow, land in gardens, orchards, vineyards and nurseries and land occupied by farm buildings. 2. Woodland includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products. 3. Unimproved land includes brush land, rough or stony land, swamp land and any other land which is not inclosed or is in forests.

State.	Improved.		Unimproved.	
	Acres.	Value.	Acres.	Value.
ALA.	20,732,312	9,693,581	9,444,764	1,593,967
ARIZ.	1,246,613	350,173	100,061	796,379
CALIF.	27,931,444	13,899,894	4,541,767	1,999,783
COL.	13,532,115	4,302,101	891,698	8,338,314
CONN.	1,552,788	988,252	757,743	439,793
DEL.	1,038,866	713,538	252,034	73,296
D. C.	6,063	5,133	689	241
FLA.	5,253,538	1,805,408	3,007,635	440,426
GA.	26,933,113	12,298,017	13,002,741	1,652,655
IA.	5,283,604	2,778,740	584,556	1,920,308
ILL.	32,152,937	28,048,323	3,147,879	1,326,735
IND.	21,399,823	16,931,252	3,370,791	997,780
IA.	33,930,683	29,491,199	2,314,115	2,125,374
KAS.	43,384,799	29,904,067	1,205,910	12,274,822
KY.	22,189,112	14,354,471	6,951,626	883,030
LA.	10,439,481	5,276,016	4,316,561	846,904
ME.	6,296,859	2,360,657	2,775,621	1,160,591
MD.	5,057,140	3,354,767	1,467,331	235,041
MAS.	2,875,941	1,164,501	1,064,583	646,887
MCH.	18,940,614	12,832,978	2,927,554	3,180,982
MIN.	27,675,823	19,643,533	3,922,391	4,109,899
MIS.	18,557,533	9,008,310	7,883,558	1,665,665
MO.	34,691,248	24,581,186	8,918,972	1,091,090
MON.	13,545,603	3,610,399	595,870	9,309,421
NEB.	38,622,021	24,382,577	803,206	13,436,238
NEV.	2,714,757	752,117	49,209	1,914,431
N. H.	2,449,458	929,185	1,502,389	817,884
N. J.	2,573,857	1,803,336	538,131	232,390
N. M.	11,270,021	1,467,191	1,491,025	8,311,805
N. Y.	22,030,367	14,844,039	4,436,145	2,750,183
N. C.	22,439,129	8,813,056	12,451,739	1,174,334
N. D.	28,426,650	20,455,092	421,877	7,549,681
O.	24,105,708	19,227,959	3,285,376	1,592,363
OKL.	38,859,353	17,551,337	3,568,910	9,759,106
ORE.	11,685,110	4,274,803	2,227,826	5,172,481
PA.	18,586,832	12,673,519	4,289,439	1,631,874
R. I.	443,308	178,341	185,909	79,055
S. C.	13,512,028	6,097,990	9,339,142	1,074,887
S. D.	26,010,892	15,872,208	383,144	9,066,510
TEN.	20,411,657	10,890,484	8,007,733	1,143,440
TX.	112,435,067	27,360,666	27,658,413	5,145,988
UTAH.	3,397,699	1,368,211	145,510	1,883,978
VT.	4,663,577	1,633,965	1,566,698	1,422,911
VA.	19,495,636	9,870,058	8,414,680	1,210,898
WAS.	11,712,235	6,373,311	1,541,551	3,797,737
W. VA.	10,026,142	5,521,757	3,968,836	535,849
WIS.	21,060,666	11,907,606	5,377,580	3,774,880
WYO.	8,543,010	1,256,160	252,152	7,034,693
	878,798,323		190,865,553	
	478,451,750		209,481,022	

FOOD SUPPLIES OF COUNTRIES.

The following table gives estimated values of relative imports, exports and production of foodstuffs in the countries named (on the basis of 100 representing their consumption) prior to the outbreak of the war. It may surprise some persons to observe that before the war the United States imported more foodstuffs than she exported. The principal exports of foodstuffs from the United States are grain and meats, but these did not equal in value the imports of sugar and coffee. In addition to these much of our imports are tropical or subtropical fruits.

Countries.	Index Numbers of Foodstuffs Imported, Exported, Produced and Consumed, Furnished by the United States Department of Agriculture.		Pro-duction.
	Con-sump-tion.	Im-ports.	
UNITED KINGDOM.	100	56.3	9.1
FRANCE.	100	12.2	5.7
RUSSIA.	100	2.8	12.4
BELGIUM.	100	62.8	20.1
UNITED STATES.	100	10.2	7.4
CANADA.	100	12.5	35.3
ARGENTINA.	100	5.3	53.3
GERMANY.	100	20.8	8.4
AUSTRIA-HUNGARY.	100	7.8	6.2

Cabbage Crop, 1915-16.

There was considerable difference, one year with another. In 1915 the production was 9.7 tons per acre; in 1916 the production was reduced to 6.2 tons per acre. In 1915 the ground harvested was 69,400 acres, and in 1916 only 40,100 acres were harvested.

State.	1915.		1916.	
	Per Acre.	Pro-duction.	Per Acre.	Pro-duction.
COLO.	10.8	39,700	10.3	32,900
IND.	5.0	6,500	3.5	3,900
IOWA.	10.0	28,400	6.5	10,800
MICH.	9.0	41,400	7.1	17,400
MINN.	9.0	21,000	6.4	9,700
N. Y.	10.0	359,000	5.4	96,200
OHIO.	7.0	27,100	5.3	11,900
VA.	10.0	12,900	7.1	6,100
WIS.	10.0	134,600	6.3	58,000
Nine States.	9.7	670,600	6.2	247,000

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Being a List of Experimental and Intensive Farmers, Plant Breeders, Agricultural Specialists and Live Stock Breeders—It is the Blue Book of Agriculture, Including Farmers' and Breeders' Associations.

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A few selected names and addresses also appear that are not yet paid. We do this to show the purpose of the publication and to solicit those particular entries. One dollar (\$1.00) will pay for two lines for one year and entitle the subscriber to four quarterly copies of the publication as issued containing the entries. Three lines will cost \$1.50 a year; four lines, \$2.00 a year; and so on. One inch space, which makes a splendid and effective advertisement, will cost \$5.00 a year. We are not soliciting large advertisements.

In soliciting patronage we desire to say that within the next year or two, when the census is taken, this publication will be worth many times its cost to earnest, investigating farmers.

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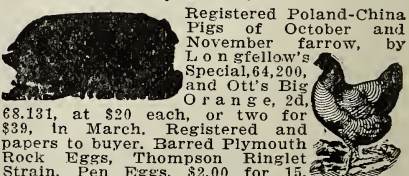
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AGRICULTURAL STATISTICS.

VOL. III. JULY, 1918. NO. 3.



THE PEN OF JERSEY CALVES.

The illustration of the Jersey dairy calves has been selected for the front cover illustration of the July number of AGRICULTURAL STATISTICS because of its artistic merit and to invite attention to the live stock tabulations in this edition. We present these tables showing the progression of increase (or decrease, if any) and take particular pains to show the difference, state by state, since the last census year. The live stock interests of the United States are a good subject of study, and in AGRICULTURAL STATISTICS the ground work of the study is prepared for you. The illustration was furnished by courtesy of the American Jersey Cattle Club and the Charles Advertising Service of New York City.

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Being a List of Individuals and Corporations Having Interests With Farmers of the United States.

This Directory is but the beginning. Most of the firms in the list are paid subscribers to **Agricultural Statistics** and should be known as such to other subscribers. A few selected names and addresses of firms we desire to secure as patrons appear in this number to show the purpose of the Directory which thus far are not paid for. We draw their attention to this paragraph and ask that a subscription be sent in. One dollar (\$1.00) pays for two lines in the Directory for one year and includes a copy of each quarterly edition of **Agricultural Statistics** for one year. For three lines the price is \$1.50; four lines, \$2.00; and one inch, \$6.00 a year; two inches, \$10.00 a year; and so on. Large advertisements are not solicited, but pages will be sold. The charge is to cover cost and no more. Advertising for lines and single inch cards is payable in advance.

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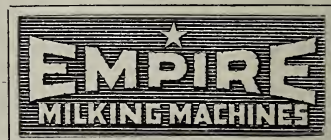
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HARRIS BROTHERS CO., Farm Supplies, 35th and Iron Sts., CHICAGO, ILL.

HARRISON MACHINE WORKS, Threshing Machines, BELLEVILLE, ILL.

HARRISON, W. R., COMPANY, Famous Tornado Silos, MASSILLON, OHIO.

O. K. HARRY STEEL COMPANY, Mfrs. of Plain and Corrugated Steel Tanks, Towers and Cisterns, 2333 Papin St., ST. LOUIS, MO.

HARTMAN COMPANY, THE, Mail Order Catalogue issued; a Shopping Guide of 500 pages; 4064 LaSalle St., CHICAGO, ILL.

HART-PARR COMPANY, Mfrs. of Farm Tractors, Lawler St., CHARLES CITY, IA.

HARVEY SPRING AND FORGING CO., Wagon Bolster Springs, RACINE, WIS.

HASSLER, ROBERT M., Mfr. of Shock Absorber for Ford Cars, 823 Naomi St., INDIANAPOLIS, IND.

HAUSER STANDER TANK COMPANY, "Cincinnati Silos," CINCINNATI, OHIO.

HAVANA METAL WHEEL COMPANY, Mfrs. of Wagon Wheels, HAVANA, ILL.

HAYES PUMP AND PLANTER CO., Mfrs. of Pumps and Seeders, GALVA, ILL.

HAYNES AUTOMOBILE COMPANY, Mfrs. of the Haynes Motor Car, KOKOMO, IND.

HEEB MOTORS COMPANY, Mfrs. of Patriot Farm Trucks, LINCOLN, NEB.

HEIDER MANUFACTURING COMPANY, Eveners for Plows, CARROLL, IA.

HERCULES MANUFACTURING COMPANY, Mfrs. of the Triple Power Stump Pullers, 140-26th St., CENTERVILLE, IA.

HERCULES POWDER COMPANY, Blasting Powders, WILMINGTON, DEL.

HERTZLER & ZOOK, Mfrs. of Wood Saving Machines, BELLEVILLE, PA.

HESS (DR.) & CLARK, Stock Tonics and Poultry Remedies, ASHLAND, O.

HEWITT-LEA-FUNCK CO., Lumber For Every Purpose, SUMNER, WASH.

HIBBARD-STEWART COMPANY, INC., Wool, Pelts, Furs, Etc., SEATTLE, WASH.

HINMAN MILKING MACHINE COMPANY, ONEIDA, N. Y.

HOLT MANUFACTURING COMPANY, "Caterpillar Tractor," PEORIA, ILL.

HOME SUPPLY CO., Mfrs. of Lamps, 1411 Wyandotte, KANSAS CITY, MO.

HOOSIER SILO CO., Glazed Tile, Wood and Concrete, MUNCIE, IND.

HOPKINS & ALLEN ARMS COMPANY, NORWICH, CONN.

HUBER MANUFACTURING COMPANY, Light Four Farm Motor, MARION, OHIO.

HUDSON MFG. COMPANY, Mfrs. of All Kinds of Sprayers, MINNEAPOLIS, MINN.

HUDSON MOTOR CAR CO., Mfrs. of the Famous Super-Six Automobile, Main Office and Factory, DETROIT, MICH.

HUNT, HELM & FERRIS, Mfrs. of Hay Carriers, HARVARD, ILL.

HYATT ROLLER BEARING CO., Axle Bearings, 1120 Michigan Ave., CHICAGO, ILL.

IMPERIAL MFG. COMPANY, Poultry Foods and Supplies, PARSONS, KAS.

INDEPENDENT HARVESTER COMPANY, Agricultural Implements, PLANO, ILL.

INDEPENDENT PACKERS' FERTILIZER COMPANY, Mfrs. of High-grade Plant Foods, COLUMBUS, O.

INDEPENDENT SILO CO., Quality Silo; Free Literature, ST. PAUL, MINN.

INDIANA SILO COMPANY, Mfrs. of Special Wood Silos, ANDERSON, IND.

INTERNATIONAL HARVESTER COMPANY, Harvesters, Tractors and Full Line of Agricultural Implements, Main Office, Harvester Bldg., CHICAGO, ILL.

INTERNATIONAL LIGHTNING ROD COMPANY, SOUTH BEND, IND.

INTERNATIONAL SILO COMPANY, Mfrs. of Adjustable Silos, MEADVILLE, PA.

INTERNATIONAL SUGAR FEED COMPANY, Mfrs. of International Stock and Dairy Feeds, MINNEAPOLIS, MINN.

INTERSTATE COTTON SEED CRUSHERS' ASSOCIATION, 808 Main St.,
DALLAS, TEX.

INTERSTATE TRACTOR COMPANY, Mfrs. of Plow Man Tractors, WATERLOO, IOWA.

IOWA GATE COMPANY, Mfrs. of Farm Gates, CEDAR FALLS, IA.

IRONCLAD INCUBATOR COMPANY, Incubators and Brooders, RACINE, WIS.

IRON CRIB AND BIN COMPANY, Mfrs. of Corn Cribs and Grain Bins, WOOSTER, O.

ISBELL, S. M., Specialty, Corn and Other Farm Seeds, JACKSON, MICH.

ITHACA GUN COMPANY, Shot Guns, Made in U. S. A., ITHACA, N. Y.

IWAN BROS., Post Hole Auger, 1503 Prairie Ave., SOUTH BEND, IND.

JAMES—A. O. JAMES RUBBER COMPANY, Tire Builders, PETERSBURG, VA.

JAMES MANUFACTURING COMPANY, Dairy Fixtures and Apparatus, FORT ATKINSON, WIS.

JANESVILLE MACHINE CO., Tractor Plows, Cultivators, Etc., JANESVILLE, WIS.

JEFFREY MFG. CO., Mfr. of a Lime Pulverizer, COLUMBUS, OHIO.

JENSEN, PETER, Mfr. of Stock Feed Boxes, ALTA, IA.

JOHNSON—THE M. M. JOHNSON COMPANY, "Old Trusty Incubators" and Brooders, CLAY CENTER, NEB.

JOHNSTON, A. J., Farm Lands, Landers Bldg., SPRINGFIELD, MO.

JOHNSTON, P. S., Farm Lands For Sale, Box 416, LIVINGSTON MANOR, N. Y.

JOLIET OIL TRACTOR COMPANY, Farm Machinery, JOLIET, ILL.

KALAMAZOO STOVE CO., Catalogue Issued, KALAMAZOO, MICH.

KALAMAZOO TANK AND SILO COMPANY, Silos, Etc., KALAMAZOO, MICH.

KAWNEAR CABINET CO., Mfrs. of Sanitary Closets, KANSAS CITY, MO.

KENDALL, B. J., CO., Spavin Treatment For Horses, ENOSBURG FALLS, VT.

KEWANEE WATER SUPPLY COMPANY, KEWANEE, ILL.

KEYSTONE STEEL AND WIRE COMPANY, Mfrs. of Square Deal Fence and Farm Gates, 5757 Industrial St., PEORIA, ILL.

KING CORN SILO COMPANY, Triple Walls, 1106 Waldheim, KANSAS CITY, MO.

KING—GEO. M. KING MFG. CO., Lighting Rods, 715 21st St., DES MOINES, IA.

KINGMAN PLOW COMPANY, Mfrs. of Farm Implements, PEORIA, ILL.

KIRSTEN, A. J., COMPANY, One Man Stump Puller, ESCANABA, MICH.

KITSELMAN BROS., Farm Fences and Barbed Wire, Box 261, MUNCIE, IND.

KNUDSON MFG. CO., Poultry Supplies and Nests, ST. JOSEPH, MO.

KOKOMO FENCE MACHINE COMPANY, Lawn and Cemetery Fence, KOKOMO, IND.

KOVAR, JOS. J., "The New Kovar Harrow," OWATONNA, MINN.

KRAMER ROTARY HARROW COMPANY, Agricultural Implements, MORTON, ILL.

K-W IGNITION COMPANY, Mfrs. of W-W Magnetos For Tractors, Chester Ave., CLEVELAND, OHIO.

LA CROSSE TRACTOR COMPANY, "Happy Farmer Tractor," LA CROSSE, WIS.

L. & M. RUBBER CO., Guaranteed Buckskin Quality Tires, CARROLLTON, OHIO.

LAKIN-McKEY, Key Overalls For Farmers, FORT SCOTT, KAS.

LAND AND INDUSTRIAL DEPARTMENT Florida East Coast Railway, City Bldg., ST. AUGUSTINE, FLA.

LANDERS, FRARY & CLARK, Food Choppers, NEW BRITAIN, CONN.

LAWRENCE-WILLIAMS COMPANY, Gombault's Caustic Balsam, Horse and Human Remedy, CLEVELAND, OHIO.

LEAHY MFG. CO., Bee Supplies, Catalogue Free, HIGGINSVILLE, MO.

LEATHER PRODUCTS COMPANY, Head Halters, Etc., Broadway and Tennessee, DENVER, COLO.

LEE—H. D. LEE MERCANTILE CO., Overall, 315 E. 22d St., KANSAS CITY, MO.

LE GEAR MEDICINE COMPANY, L. D., 702 Howard St., ST. LOUIS, MO.

LILLY—CHAS. H. LILLY COMPANY, Beekeepers' Supplies, SEATTLE, WASH.

LINDSAY BROS. COMPANY, Mfrs. of New Century Cultivators, MINNEAPOLIS, MINN.

LITCHFIELD MFG. COMPANY, Litchfield Manure Spreader, WATERLOO, IOWA.

LOGANSPOUT ROBE AND TANNING CO., 500 High St., LOGANSPOUT, IND.

LONE STAR SERUM COMPANY, Mfrs. of Germ Free Blackleg Vaccines, FORT WORTH, TEXAS.

LONG-BELL FARM LAND CORPORATION, R.A. Long Bldg., KANSAS CITY, MO.

LOOMIS MACHINE COMPANY, Well Drilling Apparatus, TIFIN, O.

LOUDEN MACHINERY COMPANY, Mfr. of Dairy Equipments, FAIRFIELD, IA.

LUCAS—JOHN LUCAS & CO., INC., Gloss Paints, 322 Race St., PHILADELPHIA, PA.

LUTHER GRINDER MFG. CO., Mfrs. of Dimo-Grit Tool Grinders, 285 South Water St., MILWAUKEE, WIS.

LYON & HEALY, Pianos, Etc., 245 South Wabash Ave., CHICAGO, ILL.

McCLURE COMPANY, Mfrs. of Silos and Milkers, SAGINAW, MICH.

McGOLDRICK LUMBER COMPANY, The Interstate Silo, SPOKANE, WASH.

McKALLOR DRUG COMPANY, Veterinary Remedies, BINGHAMTON, N. Y.

MAJESTIC MFG. COMPANY, Mfrs. of Ranges, 2014 Morgan St., ST. LOUIS, MO.

MALMO & CO., Seeds, Large and Small Fruits, SEATTLE, WASH.

MANHATTAN ELECTRICAL SUPPLY CO., 114 South 5th Ave., CHICAGO, ILL.

MANTLE LAMP CO., Lamps For Farms, 489 Aladdin Bldg., CHICAGO, ILL.

MARK MEANS COMPANY, Timothy, Alfalfa and Clover, LEWISTON, IDAHO.

MARLIN FIRE ARMS COMPANY, "The Marlin Rifle," NEW HAVEN, CONN.

MASON FENCE COMPANY, Woven Wire Fencing, LEESBURG, O.

MASSEY—HARRIS HARVESTER CO., INC., Mfrs. Farm Machinery, BATAVIA, N.Y.

MASTERS PLANTER CO., Hand Plant Setter, 229 North State st., CHICAGO, ILL.

MAST, FOOS & CO., Buckeye Ratchet Head Pumps, SPRINGFIELD, OHIO.

MAULDIN, J. L., Pure, Unadulterated Cane Syrup, CAIRO, GA.

MAXWELL MOTOR SALES CORPORATION, "The Maxwell Car," DETROIT, MICH.

MAYER—F. MAYER BOOT AND SHOE COMPANY, MILWAUKEE, WIS.

MAY, L. L., & CO., Nursery and Seeds, 78 East Fifth St., ST. PAUL, MINN.

MEAD CYCLE COMPANY, Ranger Bicycle, Dept. F-278, CHICAGO, ILL.

MENDLESON CORPORATION, THE, Mfrs. of Giant, Highest Test Lye, 11 Broadway, NEW YORK, N. Y.

MERRELL COMPANY, THE, Farm Light and Power, TOLEDO, OHIO.

MERRELL (WM. S.) CHEMICAL CO., Mfrs. of CholeRem (Hog Cholera Remedy), CINCINNATI, OHIO.

MEYER CORPORATION, THE, Mfrs. of Grain Elevators, MORTON, ILL.

MILKOLINE MFG. COMPANY, Mfrs. of Milk Foods, KANSAS CITY, MO.

MILNE MFG. COMPANY, Mfrs. of Grubbing Machines, MONMOUTH, ILL.

MILWAUKEE CORRUGATING COMPANY, Barn Ventilation, MILWAUKEE, WIS.

MINERAL HEAVE COMPANY, Veterinary Remedies, 441 Fourth St., PITTSBURGH, PA.

MITCHELL-LEWIS MOTOR CAR COMPANY, RACINE, WIS.

MOLINE PLOW COMPANY, Mfrs. of the Universal Farm Tractor, MOLINE, ILL.

MOLINE WAGON COMPANY, Mfrs. of Farm Wagons, MOLINE, ILL.

MONEYWORTH WHOLESALE GROCERIES, 14th and Ashland, CHICAGO, ILL.

MONITOR STOVE AND RANGE COMPANY, Pipeless Caloric Furnace, Gest st., CINCINNATI, OHIO.

MONMOUTH PLOW COMPANY, Agricultural Implements, MONMOUTH, ILL.

MONTGOMERY WARD & CO., Mail Order Merchandise, CHICAGO, ILL.

MONTROSS METAL ROOFING COMPANY, 107 Erie st., CAMDEN, N. J.

MONUMENTAL BRONZE CO., Howard Ave. and Sherry, BRIDGEPORT, CONN.

MOORMAN MFG. COMPANY, Mineral Swine Remedy, QUINCY, ILL.

MORRILL & WORLEY MFG. CO., Eclipse Spray Pump, BENTON HARBOR, MICH.

MUELLER (L. J.) FURNACE CO., Pipeless Furnace, Reed St., MILWAUKEE, WIS.

MUELLER—THE FRED MUELLER SADDLE AND HARNESS COMPANY, 1413 Larimer St., DENVER, COLO.

MUNSON MFG. COMPANY, Mfrs. of Daisy Cultivator Shields, WINTERSET, IOWA.

MYERS, DR. WM. S., Nitrate of Soda, 25 Madison Ave., NEW YORK, N. Y.

MYERS—F. E. MYERS & BRO., Pump and Hay Tools, ASHLAND, O.

NASH—DUANE H. NASH, INC., Acme Pulverizing Harrows, MILLINGTON, N. J.

NATIONAL CORRUGATED CULVERT COMPANY, Mfrs. of Rust Proof Iron Culverts, MIDDLETOWN, O.

NATIONAL FIRE PROOFING COMPANY, Mfrs. of Drain Tiles, PITTSBURGH, PA.

NATIONAL INCUBATOR COMPANY, Mfrs. of Incubators and Brooders, RACINE, WIS.

NATIONAL LEAD COMPANY, Paints, Etc., 111 Broadway, NEW YORK, N. Y.

NATIONAL PLANT FOOD COMPANY, "Red Snapper" Plant Fertilizers, EAU CLAIRE, WIS.

NATIONAL STEEL PRODUCTS CO., Metal Cribs and Bins, MANSFIELD, OHIO.

NATIONAL TILE SILO CO., 511 R. A. Long Bldg., KANSAS CITY, MO.

NATIONAL REFINING COMPANY, Mfrs. of En-ar-co Petroleum Products, CLEVELAND, O.

NATIONAL TRAINING CORPORATION, Instruction in Automobile, Airplane and Machine Shop, 702 Woodward Ave., DETROIT, MICH.

NEVERSLIP MFG. COMPANY, "Red Tip Calks," NEW BRUNSWICK, N. J.

NEW ALBANY BOX AND BASKET CO., Fruit Packages, NEW ALBANY, IND.

NEWCOMB LOOM COMPANY, 434 Taylor St., DAVENPORT, IA.

NEW IDEA SPREADER COMPANY, Mfrs. of Manure Spreaders, COLDWATER, O.

NEW-WAY MOTOR COMPANY, "New-Way" Binder Engine, LANSING, MICH.

NICHOLS & SHEPARD CO., Builders of Red River Special Threshers, Wind Stackers, Feeders, Steam Traction Engines and Oil Gas Tractors, BATTLE CREEK, MICH.

NITRO-PHOSPHO CORPORATION, Bacterial Soil Vitalizer, RICHMOND, VA.

NORDYKE & MARION CO., French Buhr Grinding Mills, INDIANAPOLIS, IND.

NORTH COAST TANNING COMPANY, Buyers of Hides, Ballard Station, SEATTLE, WASH.

NORTH PACIFIC CONSTRUCTION COMPANY, Ready Built Houses, Barns, Etc., CENTRALIA, WASH.

NORTHWEST CREAMERY SUPPLY CO., 306 Second Ave., SEATTLE, WASH.

NOVELTY IRON WORKS, Mfrs. of the Handy Hog Waterer, STERLING, ILL.

NOVELTY MFG. COMPANY, Mfrs. of Novelty Churns, ABINGDON, ILL.

OAKLAND MOTOR CAR COMPANY, "Oakland Sensible Six," PONTIAC, MICH.

OHIO CARRIAGE COMPANY, Split Hickory Buggies, Station 8, COLUMBUS, O.

OLIVER CHILLED PLOW WORKS, Mfrs. of Gang Plows, SOUTH BEND, IND.

OLIVER TYPEWRITER COMPANY, 159 North Dearborn, CHICAGO, ILL.

O'NEIL IMPLT. MFG. CO., Flying Swede Cultivators, Etc., Traders Building, KANSAS CITY, MO.

OTTAWA MFG. CO., Kerosene and Other Engines, 955 Union St., OTTAWA, KAS.

OVERLAND SHOE CO., Mfrs. of Aluminum Shoes, RACINE, WIS.

OWENSBORO DITCHER AND GRADER CO., Mfrs. of Farm Ditchers, Terracers and Road Graders, OWENSBORO, KY.

PACIFIC COAST BORAX COMPANY, Soap Chips, 100 William St., NEW YORK, N. Y.

PACKARD MOTOR CAR COMPANY, Mfrs. of the Packard Auto Car, DETROIT, MICH.

PAIGE-DETROIT MOTOR CAR COMPANY, McKinstry Ave., DETROIT, MICH.

PARKE, DAVIS & COMPANY, Manufacturing Chemists and Scientific Producers of Veterinary Remedies, Vaccines, Etc., DETROIT, MICH.

PARLIN & ORENDORFF CO., Full Line of Farm Implements, CANTON, ILL.

PARRETT TRACTOR COMPANY, Farm Tractor, Fisher Bldg., CHICAGO, ILL.

PECH—GUS PECH FOUNDRY AND MFG. CO., Mfrs. of Well Drills, LE MARS, IOWA.

PEORIA DRILL AND SEEDER COMPANY, Seeding Machines, PEORIA, ILL.

PERTH AMBOY CHEMICAL WORKS, "Formaldehyde," 100 William St., NEW YORK, N. Y.

PETALUMA INCUBATOR CO., Incubators and Brooders, PETALUMA, CALIF.

PHILIP BERNARD COMPANY, Mfrs. of Sun-Line Windows, SIOUX CITY, IA.

PHILLIPS & BUTTORF MFG. COMPANY, Enterprise Cannery, NASHVILLE, TENN.

PIONEER DISTRIBUTING COMPANY, Fresh Crude Oil, MONTEPELIER, IND.

PITMAN-MOORE COMPANY (Harry C. Moore, President), Pitman-Moore Simultaneous Serum Treatment For Hogs, INDIANAPOLIS, IND.

PLYMOUTH CORDAGE CO., Mfrs. of Binder Twine, NORTH PLYMOUTH, MASS.

PORTABLE ELEVATOR MFG. COMPANY, Grain Elevators, BLOOMINGTON, ILL.

PORTER—J. E. PORTER & CO., Mfrs. of Hay Carriers, OTTAWA, ILL.

POUNDER, G. H., Mfr. of Farm Harrows, FORT ATKINSON, WIS.

POWHATAN LIME CO., the Purest Lime, STRASBURG JUNCTION, VA.

PRATT—B. G. PRATT CO., Mfrs. of Tree Sprays, 50 Church St., NEW YORK, N. Y.

PRATT FOOD COMPANY, Stock Foods, 130 Walnut St., PHILADELPHIA, PA.

PRISMOLITE COMPANY, Automobile Lights, 4th and Gay Sts., COLUMBUS, OHIO.

PROCESS MFG. COMPANY, Mfrs. of Corn Harvester, SALINA, KAS.

PROGRESSIVE INCUBATOR COMPANY, Box 194, RACINE, WIS.

PULLMAN COMPANY, THE, Operators of Sleeping Cars, CHICAGO, ILL.

PURITAN FRUIT COMPANY, Fruit Salesmen, 12 South Market St., BOSTON, MASS.

PURITY BIOLOGICAL LABORATORIES, W. J. Kennedy, President and Manager, Germ Free Blackleg Vaccine, SIOUX CITY, IOWA.

PUTNEY STEPHEN SHOE COMPANY, the Battle Axe Shoe, RICHMOND, VA.

QUINN WIRE AND IRON WORKS, Wire Fencing, BOONE, IA.

RACINE RUBBER COMPANY, Mfrs. of Automobile Tires, RACINE, WIS.

RAHE'S AUTO TRAINING SCHOOL, 2727 Oak St., KANSAS CITY, MO.

RANDOLPH & CO., Patents, Dept. 219, WASHINGTON, D. C.

RAYO INCUBATOR COMPANY, U. D. Station 5565, OMAHA, NEB.

REAL ESTATE SALESMAN COMPANY, Farms For Sale, LINCOLN, NEB.

REED MFG. COMPANY, Weaving Rug Machines, Box 90, SPRINGFIELD, O.

RELIABLE INCUBATOR AND BROODER CO., Mfrs. of Poultry Supplies, QUINCY, ILL.

RELANCE ENGINEERING CO., Mfrs. of Farm Engines, LANSING, MICH.

RENFREW MACHINERY CO., Mfrs. of Renfrew Cream Separator, MILWAUKEE, WIS.

REO MOTOR CAR COMPANY, "The Car to Keep," LANSING, MICH.

REPUBLIC FENCE AND GATE CO., Gates and Fencing Mfrs., NORTH CHICAGO, ILL.

REPUBLIC MOTOR TRUCK COMPANY, INC., ALMA, MICH.

RICE, A. L., Mfr. of Paint Without Oil, ADAMS, N. Y.

RICE, IRA S., Real Estate Insurance and Farm Loans, ESSEX, MO.

RICHMOND BAG COMPANY, Money in Old Bags, RICHMOND, VA.

RILEY HAUKE-VOGELSANG SUPPLY CO., Dairy Sup., 3d and Vine Sts., ST. LOUIS, MO.

RIPPLEY HARDWARE COMPANY, Feed Cookers, Etc., GRAFTON, ILL.

R. K. TIRE COMPANY, 837 North Broad St., PHILADELPHIA, PA.

ROBERTS—DR. DAVID ROBERTS VETERINARY COMPANY, WAUKESHA, WIS.

ROCKFORD WELL DRILL CO., Machinery For Well Boring, ROCKFORD, ILL.

ROCK ISLAND PLOW COMPANY, Agricultural Implements, ROCK ISLAND, ILL.

ROSENBLATT, S., Leaf Tobacco For Sale, HAWESVILLE, KY.

ROSS—E. W. ROSS COMPANY, Mfrs. of Wood Stave Silos, SPRINGFIELD, O.

ROUSE, J. W., Bee Supplies, Bees, Queens, Honey, MEXICO, MO.

ROWE MANUFACTURING COMPANY, Mfrs. of "Can't Sag" Gates and New Idea Hog Oilers, GALESBURG, ILL.

ROWE SANITARY MFG. CO., Mfrs. of Indoor Closets, 210 6th Ave., DETROIT, MICH.

RUSLER COMPANY, Sprayers and Auto Washers, JOHNSTOWN, O.

RUSSIA CEMENT CO., Mfrs. of LePage's China Cement, GLOUCESTER, MASS.

SANDUSKY CEMENT COMPANY, Build With Cement, Building Booklets Free, CLEVELAND, OHIO.

SAXON MOTOR CAR COMPANY, Mfrs. of the Saxon Automobile, DETROIT, MICH.

SCOTT, O. M., & SONS COMPANY, Soy Bean Specialists, MARYSVILLE, O.

SEARS, ROEBUCK & CO., Merchandise By Mail Order, CHICAGO, ILL.

SERVICE AUTO EQUIPMENT COMPANY, Tires, Traders' Bldg., KANSAS CITY, MO.

SHARPLES SEPARATOR CO., Milkers and Milking Machines, WEST CHESTER, PA.

SHELDON MFG. COMPANY, Mfrs. of Concrete Mixer, NEWHAWKA, NEB.

SHORES-MUELLER CO., Household and Farm Necessities, CEDAR RAPIDS, IA.

SHUMWAY, R. H., Pure and Sure Seeds, Catalogue free, ROCKFORD, ILL.

SIGEL-CAMPION LIVE STOCK COMMISSION COMPANY, Union Stock Yards, DENVER, COLO.

SILO SPECIALTY MFG. COMPANY, Mfrs. of Silos and Equipments, CLINTON, IA.

SILVER—THE SILVER MFG. COMPANY, Silo Fillers and Feed Cutters, SALEM, OHIO.

SIMPLEX FARM DITCHER COMPANY, Road Graders, Levels, Etc., OWENSBORO, KY.

SIMPLEX MFG. COMPANY, Starters For Ford Cars, ANDERSON, IND.

SIMPLEX SUPPLY HOUSE, Poultry Supplies, 13 Pontiac Bldg., CHICAGO, ILL.

SKAT COMPANY, THE, Mfrs. of Soaps, 791 Park St., HARTFORD, CONN.

SLENKER, O. L., Buyer of Raw Furs, EAST LIBERTY, OHIO.

SMITH MOTOR TRUCK CORPORATION, Michigan Blvd. and 16th St., CHICAGO, ILL.

SMITH—W. SMITH GRUBBER COMPANY, Stump Pullers, LA CRESCENT, MINN.

SMYTH, JOHN M., & CO., Mail Order Mfrs., 701 Washington Blvd., CHICAGO, ILL.

SNODDY—DR. D. C. SNODDY CO., Swine Remedy, ST. LOUIS, MO.

SOIL IMPROVEMENT COMMITTEE, Fertilizer Information, Dept. 11, Postal Telegraph Bldg., CHICAGO, ILL.

SOLVAY PROCESS CO., Pulverized Limestone, Delray, DETROIT, MICH.

SOMERS, HAROLD, Mfr. of the Daisy Fly Killer, 150 DeKalb Ave., BROOKLYN, N. Y.

SONNEBORN—HENRY SONNEBORN & CO., INC., Styleplus Clothes For Farmers, Send For Styleplus Book, BALTIMORE, MD.

SOUTHERN PINE ASSOCIATION, representing Yellow Pine Construction, Interstate Bank Bldg., NEW ORLEANS, LA.

SOUTHERN PLOW COMPANY, Agricultural Implements, 618 Elm St., DALLAS, TEXAS.

SPARTAN MFG. CO., Agricultural Implements, PONTIAC, ILL.

SPERRY—D. R. SPERRY & CO., Steam Cookers, BATAVIA, ILL.

SPOTLESS—THE SPOTLESS CO., South's Mail Order House, RICHMOND, VA.

STAHL (WM.) SPRAYER COMPANY, Outfits and Mixtures, QUINCY, ILL.

STAMPING AND TOOL COMPANY, Mfrs. of Corn Planter Gauge, LA CROSSE, WIS.

STANDARD CHEMICAL COMPANY, "Carco" Vegetable Spray, TACOMA, WASH.

STANDARD OIL CO. (INDIANA), Polarine Motor Oil and Standard Gas Engine and Tractor Oil, 72 W. Adams St., CHICAGO, ILL.

STANDARD SANITARY MFG. CO., Standard Plumbing Fixtures, PITTSBURGH, PA.

STANDARD SUPPLY HOUSE, Wire Fence, Roofing, Etc., NOBLESVILLE, IND.

STAR PEA HULLER CO., Pea Huller Perfection, CHATTANOOGA, TENN.

STAUDE—E. J. STAUDE MFG. CO., Mfrs. of Staude Mak-A-Tractor, ST. PAUL, MINN.

STEINMESCH FEED AND POULTRY SUPPLY CO., 10 N. 4th St., ST. LOUIS, MO.

STEWART—WARNER SPEEDOMETER CORPORATION, 1280 Diversey Parkway, CHICAGO, ILL.

STORY & CLARK PIANO COMPANY, 317 South Wabash Ave., CHICAGO, ILL.

STOVER MANUFACTURING CO., Windmills and Implements, FREEPORT, ILL.

STRICKER, L. R., Cow Peas and Soy Beans, ASHEVILLE, N. C.

STURGIS & BURN MFG. CO., Dairy Supplies, Harrison and Green, CHICAGO, ILL.

SUNSHINE SAFETY LAMP COMPANY, 1005 McGee, KANSAS CITY, MO.

SUPERIOR FEEDER COMPANY, Hog Self Feeders, LA FAYETTE, IND.

SURE HATCH INCUBATOR COMPANY, Incubators and Brooders, FREMONT, NEB.

SWARTZ ELECTRIC CO., Home Lighting Plants, Speedway, INDIANAPOLIS, IND.

SWEDISH SEPARATOR COMPANY, Mfrs. of the Viking Cream Separator, 515 South Fifth Ave., CHICAGO, ILL.

SWEENEY AUTO SCHOOL, 1108 East 15th St., KANSAS CITY, MO.

SWEET FEED MANUFACTURERS' ASSOCIATION, MEMPHIS, TENN.

SWIGART LAND COMPANY, Lands in Michigan, 1259 W. First National Bank Bldg., CHICAGO, ILL.

TALLMANN-BEAM HAY PRESS COMPANY, "Queen City Hay Press," SHELBYVILLE, ILL.

THOMAS MFG. COMPANY, Agents' Supplies, DAYTON, O.

TIMKIN ROLLER BEARING COMPANY, Mfrs. of Axle Bearings, CANTON, O.

TOLEDO COOKER COMPANY, The Conserve Cooker, TOLEDO, OHIO.

TOWER—A. J. TOWER CO., Mfrs. of Fish Brand Slickers, BOSTON, MASS.

TOWER—J. D. TOWER & SONS COMPANY, Mfrs. of Cultivators, MENDOTA, ILL.

TRACY FEEDER CO., Mfrs. of the Traco Automatic Hog Feeder, WATERLOO, IA.

TROY CHEMICAL COMPANY, Veterinary Remedies, BINGHAMTON, N. Y.

TURNER MFG. COMPANY, Simplicity Tractors, PORT WASHINGTON, WIS.

TUTTLE TRACTOR COMPANY, Mfrs. of Hay Balers, LEAVENWORTH, KAS.

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AGRICULTURAL STATISTICS

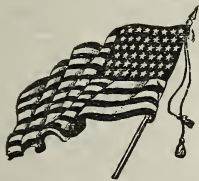
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Trying to get the crop totals while crops are growing is difficult. Changeable estimates, however, are better than none.

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FAKM TENURE—WHITE AND COLORED.

There were 6,361,502 farms in the United States in the last census year. Of the total 5,440,619 were conducted by white farmers and 920,993 were conducted by colored farmers. Of white farmers in ten years there was an increase of 9.5 per cent., or 471,011 farms, and there was an increase of 19.9 per cent. of colored farmers, or 153,119 farms:

WHITE FARMERS:				
Tenure.	Year.	Year.	Decrease.	Per
	1900.	1910.	Increase.	Ct.
Owners.....	3,025,931	3,159,088	133,157	4.4
Part Owners....	420,875	548,413	127,538	30.3
Managers.....	57,261	56,560	-701	-1.2
On Shares....	988,539	1,140,215	151,676	15.3
Cash Rent....	477,002	536,343	59,341	12.4
Total U. S....	4,969,608	5,140,619	471,011	9.5

COLORED FARMERS.				
Owners.....	176,016	195,809	19,793	11.2
Part Owners....	30,501	45,412	14,911	48.9
Managers.....	1,824	1,544	-280	15.4
On Shares....	284,700	388,174	103,414	36.3
Cash Rent....	274,603	289,914	15,218	5.6
Total U. S....	767,764	920,883	153,119	19.9
All Farms....	5,737,372	6,361,502	624,130	10.9

STOCKS OF HAY IN UNITED STATES.

Year.	Production of Per		Tons	Price	
	All Hay	Per Cent.		Per Ton,	Price Per Ton,
Preceding Year.	Year,	Farms,	on Farms, May 1,	(Tame)	(Wild)
1918....	94,930,000	11.7	11,096,000	\$17.97	\$14.47
1917....	110,992,000	11.3	12,659,000	11.44	10.94
1916....	107,263,000	13.5	14,452,000	12.22	7.56
1915....	88,686,000	12.2	10,797,000	11.82	8.58
1914....	79,179,000	12.2	9,631,000	12.32	.....
1913....	90,754,000	14.9	13,523,000	11.13	.....
1912....	67,071,000	8.5	5,732,000	17.61	.....
1911....	82,529,000	12.4	10,252,000	12.29	.....
1910....	81,216,000	11.5	10,333,000	12.21	.....

Production of Peanuts, 1917.

Of the acreage planted in 1917 in peanuts, about 42 per cent. was hogged off or grazed. Of 3,277,000 acres planted, 1,893,000 matured, and the yield of peanuts was 51,096,000 bushels.

State.	Acreage Planted.	Cut For Grain.		Yield, Bushels.
		Acres.	Acres.	
ALA.....	900,000	540,000	11,520,000	
ARK.....	150,000	84,000	3,108,000	
FLA.....	14,000	580,000	1,450,000	
GA.....	745,000	255,000	9,435,000	
LA.....	35,000	.....	.....
MISS.....	25,000	6,000	204,000	
N. C.....	182,000	133,000	2,142,000	
OKLA.....	20,000	13,000	416,000	
S. C.....	26,000	16,000	720,000	
TENN.....	15,000	15,000	450,000	
TEXAS.....	600,000	588,000	15,876,000	
VA.....	165,000	165,000	3,775,000	
Total.....	3,277,000	1,893,000	51,096,000	

STOCKS OF FROZEN POULTRY.

Summary of Storage Holdings on Frozen Poultry, July 1, 1918, and 1917.				
No. of Storages Reporting.	July 1, 1917.	July 1, 1918.	Increase or Decrease.	
			Pounds.	(Per Ct.)
Broilers.....	4,359,791	382,732	-89.2	
Roasters....	152	6,634,972	682,376	-91.7
Fowls.....	171	3,786,614	1,596,524	-57.8
Turkeys....	153	4,381,671	1,111,710	-74.6
Various....	190	23,189,668	2,668,508	-88.5
Total.....	239	42,352,716	6,441,850	-84.8

THE UNITED STATES.

Number of Farms, Average Size and Farm Population.

These figures are from the United States Census, the latest available that can be relied upon, since then the only change of importance has been the increase of about ten per cent. in population and probably in farms.

State.	No. of Farms in State.	Average Acres.	Rural Population, 1910.
ALA..	262,901	78.9	1,767,662
ARIZ..	9,227	135.1	141,004
ARK..	214,678	81.1	1,371,763
CALIF..	88,791	316.7	907,810
COLO.	46,170	293.1	394,184
CONN.	26,815	81.5	114,917
DEL...	10,836	95.9	105,237
D. C..	217	27.9	1,000
FLA...	50,016	105.6	533,539
GA....	291,027	92.6	2,070,471
IDAHO.	30,807	171.5	255,696
ILL...	251,872	129.1	2,161,662
IND...	215,485	98.8	1,557,041
IOWA.	217,044	156.3	1,544,717
KAS...	177,841	244.0	1,107,159
KY...	259,185	85.6	1,734,463
LA...	120,516	86.6	1,159,872
MAINE.	60,016	104.9	360,928
MD...	48,923	103.4	637,151
MASS.	36,917	77.9	241,049
MICH.	206,960	91.5	1,483,129
MINN.	156,137	177.3	1,225,411
MISS..	274,382	67.6	1,589,803
MO...	277,244	124.8	1,894,518
MONT.	26,214	516.7	242,633
NEB...	129,678	297.8	881,362
NEV...	2,689	1,009.6	68,508
N. H..	27,053	120.1	175,473
N. J..	33,487	76.9	629,957
N. M..	35,676	315.9	280,730
N. Y..	215,597	102.2	1,928,120
N. C..	253,725	88.4	1,887,813
N. D..	74,360	382.3	513,820
OHIO.	272,045	88.6	2,101,978
OKLA.	190,192	151.7	1,337,000
OREGON	45,502	256.8	365,705
PENN.	219,295	84.8	3,034,441
R. I..	5,292	83.8	17,956
S. C..	176,434	76.6	1,290,568
S. D..	77,644	335.1	507,215
TENN.	246,012	81.5	1,743,744
TEXAS.	417,770	269.1	2,958,438
UTAH.	21,676	156.7	200,417
VT...	32,709	142.6	187,013
VA...	184,018	105.9	1,585,083
WASH.	56,192	208.4	536,460
W. VA.	96,685	103.7	992,877
WIS...	177,127	119.0	1,329,540
WYO..	10,987	71.7	102,744
Total..	6,361,502		49,348,883
Add..	636,150		4,934,888
Total.	6,997,652		54,283,771

Development of Agriculture.

The following tabulated statement is for the purpose of placing before us in a simple manner the United States government estimate of values on the farm of the crops and live stock produced in the United States from 1879 to 1917. It also estimates the proportionate value of the crops and the value of live stock:

Year.	Total Value.	Crops.	Value Per Cent. Stock.
1879...	2,212,541,000	63.1	36.9
1889...	2,460,107,000	63.5	36.5
1897...	3,960,822,000	63.6	36.4
1898...	4,338,916,000	63.6	36.4
1899...	4,717,070,000	63.6	36.4
1900...	5,009,595,000	63.7	36.3
1901...	5,302,120,000	63.8	36.2
1902...	5,594,645,000	64.0	36.0
1903...	5,887,170,000	64.1	35.0
1904...	6,121,778,000	65.0	35.0
1905...	6,273,997,000	64.0	36.0
1906...	6,751,210,000	63.0	37.0
1907...	7,487,989,000	63.6	36.4
1908...	7,890,626,000	64.6	35.4
1909...	8,498,311,000	64.6	35.4
1910...	9,037,391,000	60.7	39.3
1911...	8,819,175,000	63.1	36.9
1912...	9,342,700,000	62.5	37.5
1913...	9,849,513,000	62.3	37.7
1914...	9,894,961,000	61.8	38.2
1915...	10,775,490,000	64.1	35.9
1916...	13,406,364,011	67.5	32.5
1917...	19,443,849,381	70.9	30.0

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Farms in the United States.

According to the last census the following is a brief summary of the number and size of all the farms in the United States. The average size is 138.1 acres, of which an average of 75.2 acres are improved and 62.9 acres are unimproved:

Number.	Extent.
18,033.....	Under 3 acres.
317,010.....	3 to 9 acres.
504,123.....	10 to 19 acres.
1,414,376.....	20 to 49 acres.
1,438,069.....	50 to 99 acres.
1,516,286.....	100 to 174 acres.
534,191.....	175 to 259 acres.
443,984.....	260 to 499 acres.
125,295.....	500 to 999 acres.
50,135.....	1,000 acres and over.

6,361,502 Farms in U. S., 1910.

It was The National Farmer and Stock Grower, published monthly at St. Louis, Mo., that started the agitation against the high rate of interest on farm loans.

CROP SUMMARY OF U. S.

Statement of Acreage and Yield of
Principal Crops For Four Years
and a Five-Year Average.

This is simply a brief tabulation
which is comprehensive. It gives
the U. S. totals, and the state tables
on different pages will be found the
crops of the different states.

THE CORN CROP.

Year.	Extent, Acres.	Production, Bushels.
1910.	104,035,000	27.7 2,886,260,000
1911.	105,825,000	23.9 2,531,488,000
1912.	107,083,000	29.2 3,124,746,000
1913.	105,820,000	23.1 2,446,988,000
1914.	103,435,000	25.8 2,672,894,000
1915.	108,321,000	28.2 3,054,535,000
1916.	105,954,000	24.4 2,583,241,000
1917.	119,755,000	26.4 3,159,494,000
1918.	113,835,000	3 159,494,000

THE WINTER WHEAT CROP.

1914.	36,008,000	19.0 684,999,000
1915.	41,308,000	16.2 673,947,000
1916.	34,709,000	13.8 480,553,000
1917.	27,430,000	15.2 418,070,000
1918.	36,392,000	557,339,000

THE SPRING WHEAT CROP.

1914.	17,533,000	11.8 206,027,000
1915.	19,445,000	18.3 356,460,000
1916.	17,956,000	8.8 158,142,000
1917.	18,511,000	12.6 232,758,000
1918.	22,489,000	333,591,000

TOTAL WHEAT CROP.

1910.	45,681,000	13.9 635,121,000
1911.	49,543,000	12.5 621,338,000
1912.	45,814,000	15.9 730,267,000
1913.	50,184,000	15.2 763,380,000
1914.	53,541,000	16.6 891,017,000
1915.	59,898,000	16.9 1,025,801,000
1916.	52,785,000	12.1 636,318,000
1917.	45,941,000	14.2 650,828,000
1918.	58,881,000	890,930,000

THE OATS CROP.

1910.	37,548,000	31.6 1,186,341,000
1911.	37,763,000	24.2 922,298,000
1912.	37,917,000	37.4 1,418,337,000
1913.	38,399,000	29.2 1,121,768,000
1914.	38,442,000	29.7 1,141,060,000
1915.	40,780,000	37.8 1,549,030,000
1916.	51,539,000	30.1 1,251,837,000
1917.	43,572,000	36.4 1,587,286,000
1918.	44,475,000	1,436,617,000

THE BARLEY CROP.

1910.	7,743,000	22.5 173,832,000
1911.	7,627,000	21.0 160,240,000
1912.	7,530,000	29.7 223,824,000
1913.	7,490,000	23.8 178,189,000
1914.	7,565,000	25.8 194,953,000
1915.	7,148,000	32.0 228,851,000
1916.	7,757,000	23.6 182,309,000
1917.	8,835,000	23.7 208,975,000
1918.	9,108,000	229,816,000

THE RYE CROP.

1910.	2,185,000	16.0 34,897,000
1911.	2,127,000	15.6 33,119,000
1912.	2,117,000	16.8 35,664,000
1913.	2,557,000	16.2 41,381,000
1914.	2,541,000	16.8 42,779,000
1915.	3,129,000	17.2 54,050,000
1916.	3,213,000	15.3 48,802,000
1917.	4,102,000	14.7 60,145,000
1918.	5,435,000	84,604,000

THE BUCKWHEAT CROP.

1910.	860,000	20.5 17,598,000
1911.	833,000	21.1 17,549,000
1912.	841,000	22.9 19,249,000
1913.	805,000	17.2 13,833,000
1914.	792,000	21.3 16,881,000
1915.	806,000	19.6 15,769,000
1916.	845,000	14.0 11,840,000
1917.	1,006,000	17.4 17,460,000

THE FLAXSEED CROP.

1910.	2,467,000	5.2 12,718,000
1911.	2,757,000	7.0 19,370,000
1912.	2,851,000	9.8 28,073,000
1913.	2,291,000	7.8 17,853,000
1914.	1,645,000	8.4 13,749,000
1915.	1,367,000	10.1 13,845,000
1916.	1,605,000	9.6 15,459,000
1917.	1,809,000	4.7 8,473,000
1918.	1,967,000	15,792,000

THE RICE CROP.

1910.	733,000	33.9 24,510,000
1911.	696,000	32.9 22,934,000
1912.	723,000	34.7 25,054,000
1913.	827,000	31.1 24,744,000
1914.	694,000	34.1 23,649,000
1915.	803,000	36.1 28,947,000
1916.	878,000	47.8 41,982,000
1917.	964,100	37.6 36,278,000
1918.	1,120,000	43,373,000

THE WHITE POTATO CROP.

1910.	3,720,000	93.8 349,032,000
1911.	3,619,000	80.9 292,737,000
1912.	3,711,000	113.4 420,647,000
1913.	3,668,000	90.4 331,525,000
1914.	3,711,000	110.5 409,921,000
1915.	3,761,000	95.5 359,103,000
1916.	3,580,000	80.4 285,437,000
1917.	4,390,000	100.8 442,536,000
1918.	4,113,000	405,507,000

THE SWEET POTATO CROP.

1910.	641,000	93.5 59,938,000
1911.	605,000	90.1 54,538,000
1912.	583,000	95.2 55,479,000
1913.	625,000	94.5 59,057,000
1914.	603,000	93.8 56,574,000
1915.	719,000	103.3 74,395,000
1916.	774,000	91.7 70,955,000
1917.	953,000	91.4 87,141,000
1918.	959,000	92,119,000

TAME HAY CROP—TONS.

1914.	49,145,000	1.43 70,071,000
1915.	51,108,000	1.68 85,325,000
1916.	55,721,000	1.64 89,991,000
1917.	53,516,000	1.49 79,528,000

WILD HAY CROP—TONS.

1915.	16,796,000	1.27 21,343,000
1916.	16,635,000	1.19 19,795,000
1917.	16,472,000	.94 15,402,000

ALL KINDS OF HAY—TONS.

1914.	65,897,000	88,686,000
1915.	67,904,000	107,263,000
1916.	72,356,000	110,992,000
1917.	69,988,000	94,930,000
1918.	69,531,000	101,642,000

THE TOBACCO CROP—POUNDS.

1910.	1,336,000	807	1,103,415,000
1911.	1,013,000	893	905,109,000
1912.	1,226,000	785	962,885,000
1913.	1,216,000	784	953,734,000
1914.	1,224,000	845	1,034,679,000
1915.	1,368,000	775	1,060,587,000
1916.	1,411,800	815	1,150,622,000
1917.	1,446,000	827	1,196,451,000
1918.	1,452,900		1,187,123,000

THE COTTON CROP—BALES.

1910.	33,403,000	170.7	11,609,000
1911.	36,045,000	207.7	15,693,000
1912.	34,283,000	190.9	13,703,000
1913.	37,089,000	182.0	14,116,000
1914.	36,832,000	209.2	16,135,000
1915.	30,957,000	172.5	11,161,000
1916.	35,239,000	156.3	11,511,000
1917.	33,634,000	155.7	10,949,000
1918.	37,073,000		15,325,000

THE SUGAR BEET CROP—TONS.

1914.	483,400	11.6	5,585,000
1915.	624,000	10.4	6,462,000
1916.	665,308	9.3	6,228,000
1917.	675,400	9.2	6,237,000
1918.			6,247,000

CROP OF EDIBLE BEANS—Bushels.

1915.	928,000	11.1	10,321,000
1916.	1,107,000	9.7	10,715,000
1917.	1,832,000	8.6	15,701,000
1918.			19,791,000

CROP OF KAFIRS—BUSHELS.

1915.	4,153,000	27.6	114,460,000
1916.	3,812,000	13.2	50,340,000
1917.	5,153,000	14.7	75,866,000
1918.			110,005,000

THE CROP OF ONIONS—BUSHELS.

1915.	27,579	278	7,663,712
1916.	24,559	261	6,417,183
1917.	41,300	328	13,554,000

THE CROP OF CABBAGE—TONS.

1915.	69,420	9.7	670,631
1916.	40,080	6.2	246,988
1917.	66,800	7.5	502,700

THE YIELD OF HOPS—POUNDS.

1915.	44,700	1.187	52,986,000
1916.	43,900	1.152	50,537,000
1917.	29,900	.929	27,788,000
1918.	27,905		32,494,000

PRODUCTION OF CRANBERRIES—BARRELS.

1915.	23,100	19.1	441,000
1916.	23,600	17.6	415,000
1917.	18,190	13.7	249,009

THE CROP OF APPLES—BUSHELS.

1914.			253,200,000
1915.			230,011,000
1916.			204,582,000
1917.			174,608,000
1918.			203,164,000
1918.			195,419,000

YIELD OF PEACHES—BUSHELS.

1914.		54,100,000
1915.		64,097,000
1916.		37,505,000
1917.		45,066,000
1918.		40,251,000

THE CROP OF PEARS—BUSHELS.

1914.		12,086,000
1915.		11,216,000
1916.		11,874,000
1917.		13,281,000
1918.		10,322,000

THE CROP OF ORANGES.

1915.		21,200,000
1916.		23,835,000
1917.		12,832,000

THE CROP OF SORGHUM SYRUP—GALLONS.

1916.	157,000	87.3	13,668,000
1917.	378,000	90.4	34,175,000
1918.			33,817,000

CROP OF PEANUTS—BUSHELS.

1916.	1,076,350	32.8	35,325,500
1917.	2,084,000	28.9	60,222,000
1918.	2,212,400		79,704,000

Increase in Number of Farms.

This short statement shows the number of farms in the United States each ten years since 1850 and the average acreage of the farms, with an estimate for 1917:

Year.	No. of Farms.	Acreage.
1850.	1,449,073	202.6
1860.	2,044,077	199.2
1870.	2,659,985	153.3
1880.	4,008,907	133.7
1890.	4,564,641	136.5
1900.	5,737,372	146.2
1910.	6,361,502	138.1
1917, estimated.	7,000,000	134.0

CANADIAN CROPS—THREE YEARS.

Herewith we present the acreage and principal farm productions in Canada during three years, 1915, 1916 and 1917. These figures will be specially interesting when the 1918 estimates are available.

AREA.

	1915.	1916.	1917.
Crop.	Acres.	Acres.	Acres.
Corn....	253,000	173,000	234,000
Wheat....	15,109,000	15,370,000	14,756,000
Oats....	11,556,000	10,996,000	13,313,000
Barley....	1,718,000	1,803,000	2,392,000
Rye....	122,000	148,000	212,000
Flax....	463,000	658,000	920,000
Potatoes....	186,000	473,000	657,000
Beans....	43,000	32,000	92,000
Peas....	196,000	152,000	199,000

PRODUCTION.

	1915.	1916.	1917.
Crop.	Bushels.	Bushels.	Bushels.
Corn....	14,368,000	6,282,000	7,703,000
Wheat....	393,543,000	262,781,000	233,743,000
Oats....	464,954,000	410,211,000	403,010,000
Barley....	54,017,000	42,770,000	55,058,000
Rye....	2,486,000	2,876,000	3,857,000
Flax....	6,114,000	8,260,000	5,935,000
Potatoes....	60,353,000	63,297,000	79,892,000
Beans....	723,000	413,000	1,274,000
Peas....	3,464,000	2,218,000	3,026,000

Captain Newport sailed from Jamestown, Va., for England in 1608, carrying with him twenty turkeys, "the first introduction of that fowl into Europe."

Spring Wheat, 1916 and 1917.

This statement represents the statistics of the very poor crop of spring wheat of 1916, followed by the estimate of the modern crop being harvested in 1917. The condition of 1917 was very ordinary, notwithstanding the great efforts made to increase production.

State.	1916. Bush- els, Acre.	1916. Produce- tion, Bushels.	1917. Bush- els, Acre.	1917. Esti- mate, Bushels.
ALA.				
ARIZ.				
ARK.				
CALIF.				
COLO.	19.5	4,485,000	22.0	5,808,000
CONN.				
DEL.				
FLA.				
GA.				
IDAHO.	23.5	6,815,000	22.0	8,250,000
ILL.				
IND.				
IOWA.	13.0	4,160,000	21.5	5,375,000
KAS.	10.5	462,000	6.0	264,000
KY.				
LA.				
MAINE.	27.0	135,000	14.0	154,000
MD.				
MASS.				
MICH.				
MINN.	7.3	26,645,000	17.5	56,525,000
MISS.				
MO.				
MONT.	18.0	16,830,000	9.0	10,098,000
NEB.	12.5	3,750,000	16.5	6,600,000
NEV.	31.5	1,162,000	28.0	1,036,000
N. H.				
N. J.				
N. M.	21.5	1,032,000	18.0	1,242,000
N. Y.				
N. C.				
N. D.	5.5	39,325,000	8.0	56,000,000
OHIO.				
OKLA.				
OREGON.	23.0	6,210,000	11.0	4,411,000
PENN.				
R. I.				
S. C.				
S. D.	6.3	22,050,000	14.0	50,344,000
TENN.				
TEXAS.				
UTAH.	25.0	1,900,000	27.0	2,430,000
VT.	25.0	25,000	20.0	60,000
VA.				
WASH.	21.5	19,350,000	13.6	18,360,000
W. VA.				
WIS.	16.6	1,776,000	21.2	3,095,000
WYO.	22.0	2,090,000	22.0	2,766,000
U. S.	8.8	158,142,000	12.6	232,758,000

BEANS—DRY EDIBLE—1916.

This table shows the acreage and production of dry edible beans in the United States in 1916:

State.	Planted, Acres.	Yield, Per Acre.	Produce- tion, Bushels.
ME.	11,00	11.0	121,000
N. H.	3,400	11.0	37,400
VT.	3,000	11.0	33,000
MASS.	550	12.0	6,600
N. Y.	190,000	6.0	1,140,000
N. J.	5,500	8.0	44,000
PENN.	9,000	6.0	54,000
W. A.	15,000	8.0	120,000
OHIO.	1,500	9.0	13,500
IND.	4,000	15.0	60,000
MICH.	470,000	6.6	3,102,000
WIS.	18,000	11.0	198,000
IOWA.	2,500	9.0	22,500
MO.	2,000	6.0	12,000
TENN.	4,500	6.0	27,000
COLO.	38,000	11.2	424,000
N. M.	64,000	6.6	425,000
ARIZ.	5,000	9.5	48,000
WASH.	6,500	1.0	65,000
CALIF.	340,000	16.4	5,576,000
ALL OTHER.	50,000	10.0	500,000
U. S.	1,224,000	9.6	12,029,000

The French about 1608 introduced cattle into Canada.

Spring Wheat Estimate, 1918.

This table exhibits the spring wheat acreage planted in 1917, also the spring wheat acreage planted in 1918, showing an increased planting in 1918 of 3,450,000 acres over 1917. The prospective harvesting of 343,987,000 bushels as estimated will not quite reach the best previous production record.

State.	Acreage, 1917.	Acreage, 1918.	Est. Bushels, 1918.
ALA.			
ARIZ.			
ARK.			
CALIF.			
COLO.	264,000	312,000	6,739,000
CONN.			
DEL.			
FLA.			
GA.			
IDAHO.	345,000	469,000	11,777,000
ILL.		180,000	
IND.		2,000	
IOWA.	359,000	650,000	11,148,000
KAS.	48,000	51,000	622,000
KY.			
LA.			
MAINE.	11,000	23,000	609,000
MD.			
MASS.		10,000	288,000
MICH.		35,000	
MINN.	3,832,000	4,038,000	65,294,000
MISS.			
MO.			
MONT.	1,122,000	1,380,000	29,836,000
NEB.	450,000	512,000	6,989,000
NEV.	37,000	39,000	
N. H.			
N. J.			
N. M.	55,000	79,000	1,670,000
N. Y.		50,000	
N. C.			
N. D.	7,150,000	7,630,000	92,247,000
OHIO.		15,000	
OKLA.			
OREGON.	351,000	441,000	7,938,000
PENN.			
R. I.			
S. C.			
S. D.	3,325,000	4,243,000	56,262,000
PENN.			
R. I.			
S. D.	3,325,000	4,243,000	56,262,000
TEXAS.			
UTAH.	91,000	104,000	2,853,000
VT.	3,000	10,000	1,148,000
VA.			
WASH.	1,350,000	1,728,000	
W. VA.			
WIS.	142,000	333,000	6,458,000
WYO.	124,000	160,000	4,282,000
U. S.	19,039,000	22,489,000	343,987,000

BEANS—DRY EDIBLE—1917.

The following table represents the December estimate of the crop for 1917. It is the largest acreage and crop on record:

State.	Planted, Acres.	Yield, Per Acre.	Produce- tion, Bushels.
ME.	33,000	10.0	330,000
N. H.	10,000	10.0	100,000
VT.	10,000	10.0	100,000
MASS.	4,000	10.0	40,000
N. Y.	210,000	7.5	1,575,000
N. J.	8,000	10.0	80,000
PENN.	13,000	8.0	104,000
W. VA.	18,000	8.0	144,000
OHIO.	7,000	5.0	35,000
IND.	5,000	12.0	60,000
MICH.	639,000	5.5	3,515,000
WIS.	35,000	7.5	262,000
IOWA.	7,000	6.0	42,000
MO.	9,200	10.0	92,000
TENN.	10,000	6.0	60,000
COLO.	193,000	7.6	1,467,000
N. M.	213,000	4.5	958,000
ARIZ.	19,000	8.0	152,000
WASH.	16,000	8.0	128,000
CALIF.	558,000	14.4	8,035,000
ALL OTHER.	100,000	8.5	850,000
U. S.	2,117,200	8.6	15,701,000
U. S., 1918.			19,791,000

The Corn Crop, 1918.

The estimated total of the corn crop for 1918 is very much like the crop of 1917, the totals being very much the same. The differences, state by state, are shown in two tabulations, side by side, and will be found of interest. The acreage planted is less in 1918 than in 1917.

State.	Per Cent.		Forecast, Bushels.
	Acreage of Planted.	1917.	
ALA.....	4,680,000	97	80,309,000
ARIZ.....	34,000	106	1,052,000
ARK.....	2,828,000	101	55,146,000
CALIF.....	76,000	102	2,797,000
COLO.....	527,000	99	10,788,000
CONN.....	105,000	111	4,508,000
DEL.....	239,000	104	7,707,000
FLA.....	1,073,000	116	15,580,000
GA.....	4,590,000	102	69,447,000
IDAHO.....	24,000	108	778,000
ILL.....	10,450,000	95	385,135,000
IND.....	5,538,000	98	195,131,000
IOWA.....	10,767,000	97	428,204,000
KAS.....	6,867,000	75	136,791,000
KY.....	3,900,000	100	108,576,000
LA.....	2,464,000	105	51,916,000
MAINE.....	23,000	115	891,000
MD.....	734,000	102	25,892,000
MASS.....	71,000	116	3,027,000
MICH.....	1,750,000	100	58,100,000
MINN.....	2,706,000	90	105,165,000
MISS.....	4,100,000	100	77,572,000
MO.....	7,272,000	101	224,996,000
MONT.....	100,000	124	2,635,000
NEB.....	7,392,000	80	215,403,000
NEV.....	2,000	110	68,000
N. H.....	29,000	110	1,131,000
N. J.....	309,000	104	10,725,000
N. M.....	163,000	96	3,651,000
N. Y.....	857,000	102	31,195,000
N. C.....	3,000,000	100	57,375,000
N. D.....	484,000	82	12,081,000
OHIO.....	3,832,000	97	118,298,000
OKLA.....	3,549,000	91	47,699,000
OREGON.....	44,000	104	1,316,000
PENN.....	1,638,000	104	64,742,000
R. I.....	13,000	100	469,000
S. C.....	2,267,000	98	38,562,000
S. D.....	3,182,000	95	100,201,000
TENN.....	3,744,000	96	99,403,000
TEXAS.....	7,075,000	100	110,051,000
UTAH.....	22,000	110	713,000
VT.....	51,000	95	1,909,000
VA.....	2,548,000	104	67,649,000
WASH.....	43,000	103	1,235,000
W. VA.....	859,000	103	27,660,000
WIS.....	1,784,000	93	65,187,000
WYO.....	86,000	110	970,000
U. S.....	113,835,000	95	3,159,836,000

WHAT BECOMES OF THE CORN CROP.

The following represents the United States Department of Agriculture idea of the disposition of the corn crop:

Consumption on Farms.

	Per Cent.	
	Bushels.	of Entire Crop.
Horses and Mules.....	728,000,000	27.0
Swine.....	724,000,000	26.8
Cattle (other than Milch.)	254,000,000	9.4
Milch Cows.....	231,000,000	8.6
Poultry.....	97,000,000	3.6
Human Beings.....	92,000,000	3.4
Sheep.....	60,000,000	2.2
Seed.....	23,000,000	.8
Other, or doubtful.....	103,000,000	3.8
Total.....	2,312,000,000	85.6

City Disposition.

	Per Cent.	
	Bushels.	of Total Crop.
Used in Flour Mills.....	245,000,000	9.1
Glucose and Starch.....	40,000,000	1.5
Manufacture of Distilled		
Liquors.....	21,000,000	.8
Manufacture of Malt Liquors	14,000,000	.5
Used for Feed in Towns.....	120,000,000	4.4
Exported.....	45,000,000	1.7
Balance indefinite.....	28,000,000	1.0
Total.....	513,000,000	19.0

Final Corn Estimate, 1917.

This is the United States government final corn production estimate of 1917. It will be noticed that Illinois produced the largest amount of corn, with Iowa a close second. The largest yield per acre is in Connecticut, but the acreage is small:

State.	Yield		Production, Bushels.
	Planted Acres.	Per Acre.	
ALA.....	4,825,000	16.0	77,200,000
ARIZ.....	32,000	27.0	864,000
ARK.....	2,800,000	24.0	67,200,000
CALIF.....	75,000	32.0	2,400,000
COLO.....	532,000	20.0	10,640,000
CONN.....	95,000	51.0	4,845,000
DEL.....	230,000	34.0	7,820,000
FLA.....	925,000	15.0	13,875,000
GA.....	4,500,000	16.0	72,000,000
IDA.....	22,000	31.0	682,000
ILL.....	11,000,000	38.0	418,000,000
IND.....	5,651,000	36.0	203,436,000
IOWA.....	11,100,000	37.0	410,700,000
KAS.....	9,156,000	14.0	128,184,000
KY.....	3,900,000	31.5	122,850,000
LA.....	2,347,000	18.0	42,246,000
ME.....	20,000	39.0	780,000
MD.....	720,000	39.0	28,080,000
MASS.....	61,000	46.0	2,806,000
MICH.....	1,750,000	21.5	37,625,000
MINN.....	3,000,000	30.0	90,000,000
MISS.....	4,100,000	20.5	84,050,000
MO.....	7,200,000	35.0	252,000,000
MONT.....	81,000	12.0	1,012,000
NEB.....	9,240,000	27.0	249,480,000
NEV.....	2,000	30.0	60,000
N. H.....	26,000	42.0	1,092,000
N. J.....	297,000	43.0	12,771,000
N. M.....	170,000	20.0	3,400,000
N. Y.....	840,000	31.0	26,040,000
N. C.....	3,000,000	20.0	60,000,000
N. D.....	590,000	9.0	5,310,000
OHIO.....	3,950,000	38.0	150,100,000
OKLA.....	3,900,000	8.5	33,150,000
ORE.....	42,000	30.0	1,260,000
PENN.....	1,575,000	39.5	62,212,000
R. I.....	13,000	42.0	546,000
S. C.....	2,313,000	19.0	43,947,000
S. D.....	3,350,000	29.0	97,150,000
TENN.....	3,900,000	28.5	111,150,000
TEXAS.....	7,075,000	11.0	77,825,000
UTAH.....	20,000	25.0	500,000
VT.....	54,000	47.0	2,538,000
VA.....	2,450,000	29.5	72,275,000
WASH.....	41,000	37.0	1,517,000
W. VA.....	834,000	30.0	25,020,000
WIS.....	1,918,000	22.0	42,196,000
WYO.....	33,000	20.0	660,000
U. S.....	119,755,000	26.4	3,159,494,000

Corn on Farms.

Every year, March 1st, the grain on farms is reported. These figures are valuable, as they are comparative. In March, 1918, figures will be issued.

State.	1915.	1916.	1917.
	Bushels.	Bushels.	Bushels.
PENN.....	21,762,000	21,652,000	16,965,000
VA.....	15,358,000	31,492,000	27,446,000
N. C.....	27,624,000	29,232,000	21,996,000
GA.....	29,120,000	32,475,000	30,380,000
OHIO.....	45,669,000	61,420,000	32,413,000
IND.....	58,794,000	76,380,000	54,144,000
ILL.....	99,011,000	142,272,000	88,972,000
MICH.....	19,530,000	15,680,000	9,075,000
WIS.....	18,863,000	4,899,000	10,343,000
MINN.....	26,390,000	9,016,000	18,572,000
IOWA.....	140,193,000	86,565,000	110,048,000
MO.....	38,016,000	70,948,000	31,707,000
S. D.....	23,400,000	28,275,000	21,019,000
NEB.....	71,320,000	87,330,000	73,112,000
KAS.....	29,221,000	70,540,000	13,205,000
KY.....	34,675,000	44,100,000	36,178,000
TENN.....	32,264,000	42,849,000	32,110,000
ALA.....	26,634,000	35,150,000	17,275,000
MISS.....	25,641,000	32,876,000	15,708,000
LA.....	13,124,000	17,589,000	17,029,000
TEXAS.....	28,704,000	50,055,000	35,397,000
OKLA.....	10,000,000	33,630,000	10,665,000
ARK.....	11,340,000	26,082,000	13,992,000
U. S.....	910,894,000	1,116,559,000	789,416,000

Oats Crop—Final, 1917.

The oats crop of 1917 was estimated in December to be the largest ever grown. The state of Iowa produced the largest number of bushels; the state of Illinois raised a few bushels less than Iowa. Illinois produced an average of fifty-two bushels to the acre, against forty-seven bushels an acre in Iowa:

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.....	540,000	18.0	9,720,000
ARIZ.....	10,000	40.0	400,000
ARK.....	340,000	28.0	9,520,000
CALIF.....	196,000	35.0	6,860,000
COLO.....	293,000	38.0	11,134,000
CONN.....	20,000	33.0	660,000
DEL.....	4,000	32.0	128,000
FLA.....	55,000	14.0	770,000
GA.....	650,000	16.0	10,400,000
IDA.....	275,000	38.0	10,450,000
ILL.....	4,700,000	52.0	244,400,000
IND.....	1,820,000	42.0	76,440,000
IOWA.....	5,250,000	47.0	246,750,000
KAS.....	2,284,000	31.0	70,804,000
KY.....	310,000	26.0	8,060,000
LA.....	84,000	22.3	1,873,000
ME.....	170,000	29.0	4,930,000
MD.....	47,000	34.0	1,457,000
MASS.....	12,000	37.0	444,000
MICH.....	1,550,000	36.5	56,575,000
MINN.....	3,250,000	37.0	120,250,000
MISS.....	300,000	19.0	5,700,000
MO.....	1,480,000	40.0	59,200,000
MONT.....	680,000	20.0	13,600,000
NEB.....	3,038,000	38.0	115,444,000
NEV.....	14,000	40.0	560,000
N. H.....	14,000	38.0	532,000
N. J.....	73,000	34.0	2,482,000
N. M.....	45,000	30.0	1,350,000
N. Y.....	1,275,000	35.0	44,625,000
N. C.....	340,000	17.0	5,780,000
N. D.....	2,575,000	15.0	38,625,000
OHIO.....	1,775,000	44.0	78,100,000
OKLA.....	1,150,000	23.0	26,450,000
ORE.....	365,000	25.0	9,125,000
PENN.....	1,175,000	35.0	41,125,000
R. I.....	2,000	31.0	62,000
S. C.....	400,000	15.0	6,000,000
S. D.....	1,925,000	34.0	65,450,000
TENN.....	300,000	24.5	7,350,000
TEXAS.....	1,425,000	26.0	37,050,000
UTAH.....	100,000	44.0	4,400,000
VT.....	88,000	36.0	3,168,000
VA.....	225,000	24.5	5,512,000
WASH.....	292,000	38.5	11,242,000
W. VA.....	143,000	27.0	3,861,000
WIS.....	2,250,000	44.0	99,000,000
WYO.....	263,000	36.0	9,468,000
U. S.....	43,572,000	36.4	1,587,286,000

Tobacco Crop—1917.

State.	Planted Acres.	Yield Per Acre.	Production, Pounds.
ALA.....	200	730	146,000
ARK.....	300	700	210,000
CONN.....	21,000	1,400	29,540,000
FLA.....	3,100	1,100	3,410,000
GA.....	1,600	1,000	1,600,000
ILL.....	700	800	560,000
IND.....	14,800	950	14,060,000
KY.....	474,000	900	426,600,000
MD.....	28,600	790	22,594,000
LA.....	600	350	210,000
MASS.....	8,400	1,409	11,833,000
MO.....	3,000	940	2,820,000
N. H.....	100	1,670	167,000
N. Y.....	2,500	1,250	3,125,000
N. C.....	325,000	630	204,750,000
OHIO.....	103,200	960	99,072,000
PENN.....	41,500	1,400	58,100,000
S. C.....	72,000	710	51,120,000
TENN.....	101,000	810	81,810,000
TEXAS.....	200	670	134,000
VT.....	100	1,650	165,000
VA.....	185,000	700	129,500,000
W. VA.....	11,300	800	9,040,000
W. VA.....	11,300	800	9,040,000
U. S.....	1,446,000	827	1,196,451,000
U. S., 1918.....			1,187,123,000

The Oats Crop of 1918.

The oats chop as estimated here for 1918 is the June estimate; the July estimate shows a difference and a reduction, making the total 1,436,617,000 bushels. We note a reduction of the crop in Nebraska, which covers half the difference.

State.	Acres.	Per Cent. of 1917.	Bushels.
ALA.....	583,000	108	12,339,000
ARIZ.....	11,000	110	430,000
ARK.....	442,000	130	11,605,000
CALIF.....	178,000	91	5,623,000
COLN.....	293,000	100	10,932,000
DEL.....	24,000	121	764,000
FLA.....	4,000	105	129,000
GA.....	55,000	100	1,214,000
IDAHO.....	592,000	91	12,983,000
ILL.....	258,000	94	11,277,000
IND.....	1,794,000	102	192,623,000
IND.....	1,893,000	104	68,640,000
IOWA.....	5,302,000	101	200,575,000
KAS.....	2,261,000	99	64,574,000
KY.....	310,000	100	8,246,000
LA.....	80,000	95	1,810,000
MAINE.....	194,000	114	7,682,000
MD.....	48,000	102	1,441,000
MASS.....	16,000	133	466,000
MICH.....	1,658,000	107	60,310,000
MINN.....	3,282,000	101	115,302,000
MISS.....	258,000	86	5,057,000
MO.....	1,480,000	100	43,357,000
MONT.....	680,000	100	30,042,000
NEB.....	2,856,000	94	85,152,000
NEV.....	14,000	98	632,000
N. H.....	17,000	120	665,000
N. J.....	76,000	104	2,455,000
N. M.....	45,000	100	1,553,000
N. Y.....	1,339,000	105	46,758,000
N. C.....	347,000	102	7,495,000
N. D.....	2,524,000	98	71,984,000
OHIO.....	1,917,000	108	76,239,000
OKLA.....	1,265,000	110	32,277,000
OREGON.....	361,000	99	13,334,000
PENN.....	1,210,000	103	42,333,000
R. I.....	2,000	110	62,000
S. C.....	540,000	135	12,215,000
S. D.....	1,944,000	101	62,869,000
TENN.....	300,000	100	7,812,000
TEXAS.....	1,510,000	106	37,297,000
UTAH.....	98,000	98	4,466,000
VT.....	103,000	117	4,181,000
VA.....	236,000	105	5,645,000
WASH.....	310,000	106	14,861,000
W. VA.....	149,000	104	4,047,000
WIS.....	2,340,000	104	87,610,000
WYO.....	276,000	105	10,626,000
U. S.....	44,475,000	102	1,500,049,000
Latest Estimate, July.....			1,436,617,000

Tobacco Crop, 1915 and 1916.

State.	1915, Yield Per Acre, Pounds.	1915, Pro-duction, Pounds.	1916, Yield Per Acre, Pounds.	1916, Pro-duction, Pounds.
ALA.....	500	100,000	300	60,000
ARK.....	600	300,000	500	250,000
CONN.....	1,350	29,970,000	1,630	36,186,000
FLA.....	910	3,549,000	1,210	3,025,000
GA.....	880	1,496,000	1,180	1,534,000
ILL.....	850	595,000	750	525,000
IND.....	840	11,340,000	930	13,764,000
KY.....	810	356,400,000	900	435,600,000
LA.....	420	126,000	450	90,000
MD.....	740	1,628,000	110	19,635,000
MASS.....	1,100	9,680,000	1,660	12,118,000
MO.....	900	3,150,000	950	3,040,000
N. H.....	1,400	140,000	1,650	165,000
N. Y.....	1,300	5,280,000	1,230	4,551,000
N. C.....	620	198,400,000	950	176,000,000
OHIO.....	900	84,330,000	950	95,000,000
PENN.....	1,350	42,390,000	1,360	49,096,000
S. C.....	750	37,700,000	520	20,280,000
TENN.....	750	69,675,000	800	81,760,000
TEXAS.....	500	100,000	700	140,000
UTAH.....	1,300	130,000	1,600	160,000
VA.....	750	144,375,000	680	129,200,000
W. VA.....	870	9,831,000	900	12,690,000
WIS.....	900	36,900,000	1,270	55,753,000
Total.....	7,751	1,062,237,000	8,150	1,150,622,000

First known cultivation of tobacco in the state of Virginia is dated 1616.

Tame Hay—1917.

The production of tame hay in 1917 occupied 53,516,000 acres, and averaging 1.49 tons per acre the production was 79,528,000 tons, against 91,192,000 tons in the year 1916 and 85,920,000 tons in the year 1915.

State.	Acres.	Yield Per Acre.	Production, Tons.
ALA.....	1,448,000	.80	1,158,000
ARIZ.....	157,000	3.50	550,000
ARK.....	390,000	1.47	573,000
CALIF.....	2,400,000	1.90	4,560,000
COLO.....	970,000	2.45	2,376,000
CONN.....	350,000	1.50	525,000
DEL.....	78,000	1.26	98,000
FLA.....	100,000	1.10	110,000
GA.....	535,000	1.05	562,000
IDA.....	725,000	3.00	2,175,000
ILL.....	2,750,000	1.25	3,438,000
IND.....	2,146,000	1.40	3,004,000
IOWA.....	3,160,000	1.23	3,887,000
KAS.....	1,478,000	1.50	2,217,000
KY.....	975,000	1.30	1,268,000
LA.....	260,000	1.60	416,000
ME.....	1,160,000	1.35	1,566,000
MD.....	442,000	1.25	552,000
MASS.....	440,000	1.50	660,000
MICH.....	2,558,000	1.50	3,837,000
MINN.....	1,850,000	1.55	2,868,000
MISS.....	261,000	1.42	371,000
MO.....	3,180,000	1.15	3,657,000
MONT.....	759,000	1.40	1,063,000
NEB.....	1,590,000	1.60	2,544,000
NEV.....	234,000	2.99	679,000
N. H.....	506,000	1.35	683,000
N. J.....	350,000	1.45	508,000
N. M.....	202,000	1.90	384,000
N. Y.....	4,185,000	1.46	6,110,000
N. C.....	440,000	1.20	528,000
N. D.....	550,000	.88	484,000
OHIO.....	2,925,000	1.42	4,154,000
OKLA.....	575,000	1.60	920,000
ORE.....	840,000	1.95	1,638,000
PENN.....	3,092,000	1.40	4,329,000
R. I.....	60,000	1.50	90,000
S. C.....	250,000	1.12	280,000
S. D.....	735,000	1.50	1,102,000
TENN.....	892,000	1.28	1,142,000
TEXAS.....	450,000	1.00	450,000
UTAH.....	392,000	2.90	1,137,000
VT.....	945,000	1.62	1,531,000
VA.....	850,000	1.16	986,000
WASH.....	808,000	2.20	1,778,000
W. VA.....	790,000	1.27	1,003,000
WIS.....	2,703,000	1.70	4,595,000
WYO.....	560,000	1.70	952,000
U. S.....	53,516,000	1.49	79,528,000

Wild and Total Hay—1917.

The grains cut green belong to the tame-hay class. This table is for the wild hay crop of 1917 and the total of all hay produced in 1917.

State.	Grains Cut Green, Tons.	Wild Hay, Tons.	Total Hay, Tons.
ALA.....	166,000	37,000	1,195,000
ARIZ.....	12,000	18,000	568,000
ARK.....	46,000	99,000	672,000
CALIF.....	1,714,000	259,000	4,819,000
COLO.....	125,000	469,000	2,836,000
CONN.....	31,000	15,000	540,000
DEL.....	4,000	11,000	109,000
FLA.....	3,000	8,000	118,000
GA.....	82,000	14,000	576,000
IDA.....	291,000	162,000	2,337,000
ILL.....	28,000	104,000	3,542,000
IND.....	58,000	88,000	3,092,000
IOWA.....	62,000	738,000	4,625,000
KAS.....	152,000	1,044,000	3,261,000
KY.....	33,000	8,000	1,276,000
LA.....	142,000	39,000	455,000
ME.....	48,000	21,000	1,587,000
MD.....	17,000	6,000	558,000
MASS.....	27,000	24,000	714,000
MICH.....	27,000	45,000	3,882,000
MINN.....	87,000	235,000	5,224,000
MISS.....	36,000	49,000	420,000
MO.....	64,000	139,000	3,796,000
MONT.....	77,000	405,000	1,465,000
NEB.....	150,000	2,611,000	5,155,000
NEV.....	31,000	270,000	949,000
N. H.....	38,000	21,000	704,000
N. J.....	9,000	44,000	552,000
N. M.....	47,000	28,000	412,000
N. Y.....	43,000	88,000	6,198,000
N. C.....	65,000	43,000	571,000
N. D.....	108,000	1,417,000	1,901,000
OHIO.....	25,000	3,000	4,157,000
OKLA.....	209,000	450,000	1,370,000
ORE.....	595,000	218,000	1,856,000
PENN.....	35,000	15,000	4,344,000
R. I.....	6,000	1,000	91,000
S. C.....	34,000	10,000	290,000
S. D.....	430,000	2,925,000	4,027,000
TENN.....	750,000	31,000	1,173,000
TEXAS.....	1,160,000	164,000	614,000
UTAH.....	20,000	119,000	1,256,000
VT.....	8,000	13,000	1,544,000
VA.....	77,000	10,000	996,000
WASH.....	498,000	41,000	1,819,000
W. VA.....	19,000	7,000	1,010,000
WIS.....	65,000	427,000	5,022,000
WYO.....	29,000	300,000	1,252,000
WYO.....	29,000	300,000	1,252,000
U. S.....	5,677,000	15,402,000	94,930,000

WHEAT HELD BY COUNTRY MILLS.

In the year 1913, on March 1st, the wheat held in country mills and elevators was 118,400,000 bushels; in 1914, on same date, the amount so held was 93,627,000 bushels; 85,955,000 bushels in 1915; 155,027,000 bushels in 1916; and 89,173,000 bushels on March 1, 1917. The following table is the United States Agricultural Department report for three years:

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
N. Y.....	972,000	1,306,000	672,000
PENN.....	3,800,000	3,937,000	4,180,000
MD.....	1,184,000	2,568,000	1,040,000
VA.....	1,581,000	2,546,000	2,438,000
OHIO.....	4,019,000	4,421,000	2,592,000
IND.....	5,189,000	5,925,000	1,944,000
ILL.....	3,700,000	4,788,000	1,510,000
MICH.....	2,078,000	3,067,000	1,594,000
WIS.....	351,000	839,000	365,000
MINN.....	4,298,000	9,922,000	4,226,000
IOWA.....	1,205,000	2,278,000	1,006,000
MO.....	5,200,000	5,457,000	1,989,000
N. D.....	6,527,000	22,796,000	5,112,000
S. D.....	4,104,000	8,927,000	2,482,000
NEB.....	4,087,000	9,232,000	8,912,000
KAS.....	8,660,000	9,588,000	6,859,000
KY.....	2,633,000	2,277,000	1,231,000
TENN.....	1,562,000	1,354,000	1,331,000
TEXAS.....	1,969,000	2,313,000	1,452,000
OKLA.....	4,798,000	4,663,000	2,663,000
MONT.....	1,285,000	8,014,000	6,018,000
WASH.....	6,694,000	15,940,000	10,161,000
All Other..	9,859,000	22,369,000	20,125,000
U. S.....	85,955,000	155,027,000	89,173,000

ADDITIONAL TABLE.

This table, also of wheat held in country mills on March 1st of 1913, 1914 and 1918, with table above covers six years:

State.	1913. Bushels.	1914. Bushels.	1918. Bushels.
N. Y.....	536,000	612,000	587,000
PENN.....	3,571,000	3,935,000	3,183,000
MD.....	898,000	1,135,000	895,000
VA.....	1,547,000	1,591,000	2,509,000
OHIO.....	1,464,000	4,212,000	3,703,000
IND.....	1,210,000	4,770,000	2,337,000
ILL.....	982,000	3,773,000	2,128,000
MICH.....	980,000	1,789,000	1,217,000
WIS.....	463,000	476,000	852,000
MINN.....	10,726,000	8,845,000	6,956,000
IOWA.....	1,928,000	1,312,000	668,000
MO.....	4,275,000	5,542,000	2,479,000
N. D.....	24,449,000	8,674,000	6,160,000
S. D.....	8,350,000	5,096,000	5,202,000
NEB.....	4,955,000	5,609,000	826,000
KAS.....	8,306,000	6,089,000	2,297,000
KY.....	1,166,000	1,972,000	727,000
TENN.....	920,000	1,428,000	386,000
TEXAS.....	1,764,000	2,048,000	486,000
OKLA.....	3,215,000	1,575,000	1,070,000
MONT.....	.....	2,274,000	2,874,000
WASH.....	16,118,000	9,594,000	5,844,000
All Other..	20,577,000	11,275,000	15,685,000
U. S.....	118,400,000	93,627,000	68,972,000

Between 1580 and 1585 the Irish potato was introduced into Europe by the Spaniards.

Potato Crop, 1914 and 1915.

For the purpose of comparison, we publish the potato crop of 1914 and 1915 with the yield per acre in each state. It will be noticed that New York state in 1914 had a yield of 53,000,000 bushels.

State.	1914.		1915.	
	Yield Per Bushel.	Production in Bushels.	Yield Per Acre.	Production in Bushels.
ALA....	79	1,422,000	80	1,600,000
ARIZ....	110	140,000	95	95,000
ARK....	60	1,500,000	90	2,520,000
CALIF. 138	10,350,000	130	10,140,000	
COLO. 129	6,000,000	135	7,155,000	
CONN. 140	3,360,000	95	2,280,000	
DEL....	80	880,000	95	1,045,000
FLA....	80	1,040,000	80	960,000
GA.....	60	780,000	65	1,040,000
IDAHO 155	5,270,000	125	3,590,000	
ILL....	60	7,440,000	110	13,860,000
IND....	80	6,000,000	95	7,125,000
IOWA. 86	12,642,000	105	15,540,000	
KAS....	62	4,464,000	83	5,893,000
KY....	45	2,250,000	126	6,426,000
LA....	70	1,680,000	51	1,428,000
MAINE. 260	40,560,000	155	22,010,000	
MD....	78	3,432,000	97	4,268,000
MASS. 155	4,185,000	120	3,120,000	
MICH. 121	44,044,000	59	20,945,000	
MINN. 114	30,780,000	106	30,210,000	
MISS. 80	800,000	90	1,170,000	
MO....	45	3,915,000	98	8,820,000
MONT. 140	5,180,000	155	6,045,000	
NEB....	80	9,440,000	105	11,550,000
NEV....	130	1,560,000	172	2,236,000
N. H....	159	2,703,000	95	1,520,000
N. J....	108	9,936,000	130	12,090,000
N. M....	100	900,000	100	800,000
N. Y....	145	53,215,000	62	22,010,000
N. C....	52	1,706,000	90	3,150,000
N. D....	109	7,630,000	90	7,200,000
OHIO.. 95	14,250,000	82	12,546,000	
OKLA. 70	2,240,000	85	2,975,000	
ORE....	97	4,753,000	115	5,520,000
PENN. 105	28,140,000	72	20,160,000	
R. I....	165	825,000	110	550,000
S. C....	70	770,000	80	880,000
S. D....	90	5,670,000	115	7,280,000
TENN. 43	1,505,000	88	3,168,000	
TEXAS. 64	2,684,000	65	2,730,000	
UTAH. 140	2,800,000	125	2,500,000	
VT....	168	4,200,000	108	2,592,000
VA....	65	7,280,000	125	17,500,000
WASH. 128	7,552,000	135	8,235,000	
W. VA. 54	2,592,000	117	5,850,000	
WIS....	124	37,696,000	87	25,926,000
WYO... 108	1,620,000	150	2,400,000	
Total..	110.5	409,921,000	95.5	359,103,000

Production of Soy Beans, 1917.

Soy beans are grown for various purposes the same as cowpeas. After figuring the grain yield and the hay yield, there is the plowed under and grazed area, the quantity put in silos, also to be considered.

State.	Acreage Planted.	Grain Yield, Bushels.	Hay Yield, Tons.
ARK.....	15,000	.....	.....
ILL.....	30,000	.....	.....
IND.....	100,000	7,000	8,000
KY.....	57,000	108,000	80,000
MD.....	2,000	.....	.....
MISS....	31,000	72,000	15,000
MO.....	20,000	40,000	5,000
N. C....	120,000	840,000	90,000
N. J....	2,000	11,000	.....
N. Y....	140,000	.....	.....
OHIO.. 12,000	.....	14,000	.....
PENN. 8,000	.....	10,000	.....
S. C....	11,000	.....	.....
TENN. 50,000	.....	50,000	120,000
VA....	50,000	.....	.....
VT....	8,000	.....	.....
W. VA. 5,000	.....	4,000	8,000
WIS....	3,000	.....	2,000
Total.....	531,000	1,186,000	328,000

First cultivation of wheat in Virginia was reported in 1611.

White Potatoes—1917.

The crop of white potatoes in 1917 exceeded previous records and came at the right time. New York is the banner potato state, so far as quantity grown is concerned, but the average quantity per acre belongs to Nevada, where the actual acreage is small.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.....	41,000	72.0	2,952,000
ARIZ.....	4,000	105.0	420,000
ARK.....	30,000	80.0	2,400,000
CALIF....	105,000	145.0	15,525,000
COLO.....	70,000	133.0	9,310,000
CONN....	29,000	110.0	3,190,000
DEL.....	13,000	95.0	1,235,000
FLA.....	25,000	91.0	2,275,000
GA.....	19,000	84.0	1,596,000
IDA.....	39,000	156.0	6,084,000
ILL.....	150,000	90.0	13,500,000
IND.....	92,000	92.0	8,464,000
IOWA....	138,000	95.0	13,110,000
KAS.....	78,000	57.0	4,446,000
KY.....	70,000	96.0	6,720,000
LA.....	25,000	64.0	1,600,000
MA.....	150,000	135.0	20,250,000
MD.....	60,000	100.0	6,000,000
MASS....	38,000	115.0	4,370,000
MICH....	379,000	95.0	35,910,000
MINN....	300,000	112.0	33,600,000
MISS....	14,000	78.0	1,092,000
MO.....	109,000	87.0	9,483,000
MONT....	57,000	95.0	5,415,000
NEB.....	147,000	85.0	12,495,000
NEV.....	15,000	207.0	3,105,000
N. H....	21,000	107.0	2,247,000
N. J....	98,000	114.0	11,172,000
N. M....	11,000	116.0	1,276,000
N. Y....	400,000	95.0	38,000,000
N. C....	50,000	90.0	4,500,000
N. D....	90,000	43.0	3,870,000
OHIO.. 160,000	100.0	16,000,000	
OKLA....	36,000	69.0	2,484,000
ORE.....	75,000	108.0	8,100,000
PENN....	321,000	92.0	29,532,000
R. I....	5,000	135.0	675,000
S. C....	15,000	96.0	1,440,000
S. D....	80,000	96.0	7,700,000
TENN....	52,000	94.0	4,888,000
TEXAS.. 46,000	60.0	2,760,000	
UTAH....	23,000	189.0	4,347,000
VT.....	30,000	100.0	3,000,000
VA.....	200,000	99.0	19,800,000
WASH....	79,000	125.0	9,875,000
W. VA.. 65,000	115.0	7,475,000	
WIS....	307,000	114.0	34,998,000
WYO....	30,000	155.0	4,650,000
U. S.....	4,390,000	100.8	442,536,000

Wheat Supply and Consumption.

The following tabulation was prepared in the United States Department of Agriculture to show the per capita production of wheat.

Year.	Production, Bushels....	Export, Bushels....	Consumption, Bushels....	Carried Over, Bushels....
1900.....	6.87	2.84	.....	1.16
1901.....	9.64	3.62	6.85	1.24
1902.....	8.46	2.56	6.18	.96
1903.....	7.89	1.49	6.53	.86
1904.....	6.70	.53	6.35	.68
1905.....	8.24	1.16	6.58	1.18
1906.....	8.58	1.71	6.50	1.55
1907.....	7.26	1.87	6.17	.77
1908.....	7.47	1.28	6.48	.48
1909.....	8.14	.96	6.74	.92
1910.....	6.89	.75	6.08	.98
1911.....	6.62	.85	5.93	.82
1912.....	7.65	1.50	6.03	.94
1913.....	7.87	1.50	6.53	.78
1914.....	9.03	2.37	5.89	.65
1915.....	10.09	2.50	6.55	1.59
1916.....	6.00	.....	.....	.....

The Barley Crop, 1914 and 1915.

The barley crop is an important one and reached a maximum of 237,000,000 bushels in 1917. California, Minnesota, North Dakota, South Dakota and Wisconsin are strong barley states.

State.	1914.		1915.	
	Yield Per Acre.	Production in Bushels.	Yield Per Acre.	Production in Bushels.
Ariz.	36.0	1,260,000	37.0	1,295,000
Calif.	29.0	42,060,000	29.0	39,440,000
Colo.	38.5	3,666,000	36.0	4,680,000
Idaho.	38.0	7,030,000	40.5	7,736,000
Ill.	29.5	1,622,000	34.0	1,836,000
Ind.	25.0	200,000	28.0	224,000
Iowa.	26.0	9,360,000	31.0	10,943,000
Kas.	24.5	5,880,000	31.0	8,370,000
Ky.	28.5	142,000	30.0	180,000
Maine.	30.0	150,000	26.5	132,000
Md.	33.0	165,000	34.0	170,000
Mich.	26.0	2,340,000	29.5	2,508,000
Minn.	23.0	31,694,000	30.5	41,175,000
Mo.	24.0	120,000	25.0	125,000
Mont.	30.5	2,135,000	34.0	2,720,000
Neb.	23.5	2,656,000	31.0	3,255,000
Nev.	47.0	611,000	48.0	576,000
N. H.	32.0	32,000	30.0	30,000
N. M.	34.0	170,000	33.0	264,000
N. Y.	28.0	2,100,000	32.0	2,720,000
N. D.	19.5	28,275,000	32.0	44,800,000
Ohio.	25.0	875,000	31.0	930,000
Okla.	25.0	175,000	26.5	212,000
Ore.	36.0	3,660,000	36.0	4,680,000
Penn.	28.0	196,000	29.5	236,000
S. D.	23.0	19,950,000	32.0	24,000,000
Tenn.	27.0	135,000	24.0	144,000
Texas.	25.0	200,000	28.0	252,000
Utah.	45.0	1,440,000	42.5	1,445,000
Vt.	34.5	414,000	35.0	420,000
Va.	26.0	286,000	29.0	348,000
Wash.	39.0	7,098,000	41.0	7,263,000
Wis.	27.3	18,428,000	35.5	23,288,000
Wyo.	33.0	528,000	36.0	612,000
U. S.	25.8	194,953,000	32.0	237,009,000

Barley in 1916.

In the year 1916 the barley crop produced in the United States was reduced 57,000,000 bushels, compared with the previous year, the yield per acre being 23.6, against 32 the previous year.

State.	1916.		Price Per Bushel.	Value Per Acre.
	Yield Per Acre.	Production in Bushels.		
ARIZ.	35.0	1,120,000	\$1.08	\$37.80
CALIF.	28.0	33,320,000	.95	26.60
COLO.	32.0	5,120,000	.82	26.24
IDAHO.	39.0	7,410,000	.82	31.98
ILL.	32.0	1,920,000	1.03	32.96
IND.	27.0	405,000	.75	20.25
IOWA.	29.5	8,702,000	.91	26.84
KAS.	16.0	4,800,000	.77	12.32
KY.	26.0	156,000	.90	23.40
MAINE.	26.0	156,000	1.04	27.04
MD.	32.0	192,000	.73	23.36
MICH.	24.5	2,450,000	.91	22.30
MINN.	19.0	26,125,000	.87	16.53
MO.	20.0	100,000	.93	18.60
MONT.	28.0	2,660,000	.76	21.28
NEB.	28.0	3,080,000	.75	21.00
NEV.	4.10	492,000	.95	38.95
N. H.	2.80	28,000	.90	25.20
N. M.	28.0	308,000	1.00	28.00
N. Y.	23.3	1,887,000	1.01	23.53
N. D.	15.5	26,738,000	.80	12.40
OHIO.	27.8	917,000	.80	22.24
OKLA.	12.5	100,000	1.00	12.50
OREGON.	38.5	5,390,000	.80	30.80
PENN.	25.0	300,000	.75	18.75
S. D.	22.7	18,728,000	.83	18.84
TENN.	23.7	237,000	1.00	23.70
TEXAS.	17.0	165,000	.80	13.60
UTAH.	26.0	1,224,000	.76	27.36
VT.	27.5	412,000	1.00	27.50
VA.	27.5	358,000	.85	23.38
WASH.	41.3	6,814,000	.84	34.69
WIS.	30.0	18,300,000	1.05	31.50
WYO.	33.0	825,000	.87	28.71
Total.	23.6	180,927,000	\$0.88	\$20.79

Increased production wins the war.

Barley Crop—Final, 1917.

This tabulated statement shows the final barley crop of 1917, as estimated in December by the United States Department of Agriculture.

State.	Yield Per Acre.		Production, Bushels.
	Planted Acres.	Per Acre.	
ALA.	000	00.0	000
ARIZ.	33,000	35.0	1,155,000
ARK.	000	00.0	000
CALIF.	1,350,000	29.0	39,150,000
COLO.	168,000	33.0	5,544,000
CONN.	000	00.0	000
DEL.	000	00.0	000
FLA.	000	00.0	000
GA.	000	00.0	000
IDA.	190,000	29.0	5,510,000
ILL.	66,000	37.5	2,475,000
IND.	22,000	30.5	671,000
IOWA.	300,000	35.0	10,500,000
KAS.	750,000	10.0	7,500,000
KY.	5,000	28.0	140,000
LA.	000	00.0	000
ME.	7,000	21.0	147,000
MD.	6,000	26.0	156,000
MASS.	000	00.0	000
MICH.	130,000	26.5	3,445,000
MINN.	1,400,000	27.0	37,800,000
MISS.	000	00.0	000
MO.	6,000	25.0	150,000
MONT.	90,000	15.0	1,350,000
NEB.	213,000	26.5	5,644,000
NEV.	12,000	35.0	420,000
N. H.	1,000	31.0	31,000
N. J.	000	00.0	000
N. M.	13,000	28.0	364,000
N. Y.	110,000	28.0	3,080,000
N. C.	000	00.0	000
N. D.	1,825,000	12.5	22,812,000
OHIO.	40,000	33.0	1,320,000
OKLA.	9,000	18.0	162,000
ORE.	182,000	29.0	5,278,000
PENN.	13,000	28.0	364,000
R. I.	000	00.0	000
S. C.	000	00.0	000
N. D.	1,825,000	12.5	22,812,000
TENN.	6,000	20.0	120,000
TEXAS.	9,000	20.0	180,000
UTAH.	33,000	37.0	1,221,000
VT.	17,000	29.0	493,000
VA.	12,000	30.0	360,000
WASH.	170,000	29.0	4,930,000
W. VA.	000	00.0	000
WIS.	600,000	32.0	19,200,000
WYO.	27,000	29.0	783,000
U. S.	8,835,000	23.7	208,975,000

BARLEY ON FARMS, MARCH 1, 1918.

State.	Shipped Out, Bushels.	On Farms, Cent. Bushels.	Per Crop.
ARIZ.	231,000	81,000	7
CALIF.	17,618,000	4,698,000	12
COLO.	942,000	1,497,000	27
IDAHO.	3,030,000	937,000	17
ILL.	124,000	693,000	28
IND.	134,000	168,000	25
IOWA.	5,250,000	2,730,000	26
KAS.	450,000	1,125,000	15
KY.	14,000	21,000	15
MAINE.	1,000	3,000	25
MD.	8,000	23,000	15
MICH.	310,000	586,000	17
MINN.	19,278,000	8,316,000	22
MONT.	162,000	216,000	16
MO.	15,000	30,000	20
NEB.	1,693,000	1,919,000	34
NEV.	13,000	101,000	24
N. H.	1,000	9,000	30
N. M.	15,000	73,000	20
N. Y.	308,000	832,000	27
N. D.	7,528,000	5,019,000	22
OHIO.	343,000	370,000	28
OKLA.	2,000	6,000	4
OREGON.	1,478,000	1,003,000	19
PENN.	4,000	55,000	15
S. D.	13,260,000	6,365,000	24
TENN.	7,000	7,000	6
TEXAS.	2,000	4,000	2
UTAH.	122,000	317,000	26
VT.	5,000	197,000	40
VA.	4,000	36,000	50
WASH.	2,218,000	937,000	19
WIS.	6,528,000	4,800,000	25
WYO.	31,000	196,000	25
U. S.	81,129,000	43,404,000	21

The Rye Crop, 1914 and 1915.

Here the statement gives the rye crop for the ordinary year 1914 and to the then record-making crop of 1915. Rye is a crop which goes into consumption as bread, and every pound of it counts in food economy.

State.	1914.		1915.	
	Yield Per Acre.	Production in Bushels.	Yield Per Acre.	Production in Bushels.
Ala.	13.0	26,000	10.0	40,000
Ark.	10.5	10,000	10.5	10,000
Calif.	17.0	136,000	14.0	112,000
Colo.	17.5	368,000	17.5	525,000
Conn.	19.0	133,000	21.5	150,000
Del.	15.5	18,000	15.5	16,000
Ga.	9.3	121,000	9.2	120,000
Idaho.	20.0	60,000	20.0	60,000
Ill.	16.0	784,000	18.5	906,000
Ind.	16.3	1,614,000	16.0	2,400,000
Iowa.	19.0	1,121,000	18.5	1,110,000
Kas.	20.0	1,000,000	16.0	800,000
Ky.	13.7	301,000	12.0	288,000
Md.	17.0	425,000	16.5	396,000
Mass.	19.0	87,000	20.0	60,000
Minn.	16.0	5,936,000	15.5	6,045,000
Mo.	18.8	5,245,000	19.5	5,850,000
Mont.	14.0	238,000	13.5	338,000
Neb.	21.0	210,000	22.5	225,000
N. J.	16.0	1,952,000	17.5	3,500,000
N. Y.	18.5	1,295,000	20.0	1,420,000
N. C.	17.7	2,283,000	18.7	2,805,000
N. D.	10.0	460,000	11.5	575,000
N. D.	17.1	2,240,000	15.0	2,700,000
Ohio.	17.0	1,615,000	17.5	1,750,000
Okla.	16.0	96,000	13.5	81,000
Ore.	16.0	336,000	18.0	414,000
Penn.	18.0	5,010,000	18.0	4,932,000
S. C.	11.5	34,000	10.0	30,000
S. D.	17.0	1,030,000	19.5	3,900,000
Tenn.	13.0	286,000	10.5	189,000
Texas.	14.8	30,000	17.0	34,000
Utah.	17.5	228,000	15.5	202,000
Vt.	20.0	20,000	17.0	17,000
Va.	13.0	754,000	14.5	1,015,000
Wash.	19.7	158,000	18.2	146,000
W. Va.	14.5	246,000	14.0	224,000
Wis.	16.5	6,798,000	18.5	7,720,000
Wyo.	17.0	85,000	20.0	180,000
U. S.	16.8	42,779,000	17.2	49,190,000

COTTON STATEMENT.

State.	1917		1918	
	Acres Planted.	Crop, Bales.	Acres.	Crop, Bales.
ALA.	2,017,000	517,890	2,622,000	
ARIZ.	46,000	21,737	92,000	
ARK.	2,810,000	973,752	2,922,000	
CALIF.	155,000	55,705	194,000	
FLA.	188,000	37,858	167,000	
GA.	5,274,000	1,883,000	5,432,000	
LA.	1,465,000	638,929	1,553,000	
MISS.	2,814,000	905,554	3,264,000	
MO.	161,000	60,831	158,000	
N. C.	1,562,000	617,989	1,609,000	
N. D.	2,900,000	959,081	3,161,000	
OKLA.	2,880,000	1,236,871	2,995,000	
TENN.	908,000	240,525	926,000	
TEXAS.	11,676,000	3,125,378	11,910,000	
VA.	53,000	18,777	51,000	
OTHER.	16,000	5,666	17,000	
U. S.	34,925,000	11,300,254	37,073,000	
U. S. 1918 Estimate.		15,325,000	Bales.	

On his return from Virginia, in 1586, Sir Walter Raleigh introduced potatoes and tobacco in Ireland. He had an estate at Myrtle Lodge, Youhal, county Cork. The potatoes were suitable to the climate and flourished, becoming a great benefit to the island, but the tobacco growing met with poor success in Ireland.

Hemp and flax mentioned in 1570 as being common crops in England. Buckwheat also mentioned as sown after barley.

The Rye Crop—1917.

The rye crop of 1917 was the largest on record and amounted to 60,145,000 bushels, against 48,862,000 bushels in 1916, and 64,050,000 bushels in 1915. The largest 1917 yield was in North Dakota, and the largest yield per acre in Connecticut.

State.	1917.	
	Planted Acres.	Yield Per Acre. Bushels.
ALA.	4,000	9.5 38,000
ARIZ.	000	00.0 000
ARK.	2,000	13.5 27,000
CALIF.	000	00.0 000
COLO.	27,000	16.0 432,000
CONN.	7,000	20.5 144,000
DEL.	1,000	16.0 16,000
FLA.	000	00.0 000
GA.	15,000	8.5 128,000
IDA.	2,000	15.5 31,000
ILL.	43,000	17.5 752,000
IND.	200,000	15.0 3,000,000
IOWA.	5,000	18.0 90,000
KAS.	76,000	15.0 1,140,000
KY.	30,000	12.5 375,000
LA.	000	00.0 000
ME.	000	00.0 000
MD.	24,000	16.0 384,000
MASS.	3,000	19.0 57,000
MICH.	341,000	15.0 5,115,000
MINN.	410,000	18.5 7,585,000
MISS.	000	00.0 000
MO.	30,000	14.7 441,000
MONT.	9,000	12.7 114,000
NEB.	215,000	15.6 3,354,000
NEV.	000	00.0 000
N. H.	000	00.0 000
N. J.	69,000	18.5 1,276,000
N. M.	000	00.0 000
N. Y.	135,000	19.2 2,565,000
N. C.	52,000	10.0 520,000
N. D.	1,040,000	9.5 9,880,000
OHIO.	90,000	18.0 1,620,000
OKLA.	9,000	10.0 90,000
ORE.	31,000	11.5 356,000
PENN.	260,000	17.0 4,420,000
R. I.	000	00.0 000
S. C.	17,000	10.0 170,000
S. D.	350,000	16.0 5,600,000
TENN.	12,000	10.0 120,000
TEXAS.	2,000	10.0 20,000
UTAH.	13,000	8.0 104,000
VT.	1,000	20.0 20,000
VA.	77,000	15.0 1,155,000
WASH.	7,000	12.7 89,000
W. VA.	20,000	13.5 270,000
WIS.	410,000	18.5 7,585,000
WYO.	18,000	14.0 252,000
U. S.	4,102,000	14.7 60,145,000

The Cotton Crop.

The Department of Agriculture in December gives us an estimate by states of the cotton crop of 1917. We present it, together with the enumeration of the crop of 1916 and the five-year average from 1911 to 1915, inclusive. The small crop of 1917 was selling at 27.7 cents a pound in December, 1917, against 10 cents a pound, the December average for the five-year period.

State.	Five-year Average.		1916.	1917.
	Bales.	Bales.	Bales.	Bales.
VIRGINIA.	23,762	27,127	16,000	
N. CAROLINA.	872,830	654,603	570,000	
GEORGIA.	2,297,697	1,820,639	1,820,000	
FLORIDA.	64,787	41,449	40,000	
ALABAMA.	1,465,301	533,402	505,000	
MISSISSIPPI.	1,152,041	811,794	895,000	
LOUISIANA.	399,007	443,182	615,000	
TEXAS.	4,180,240	3,725,700	3,115,000	
ARKANSAS.	927,273	1,134,033	895,000	
TENNESSEE.	358,538	382,422	206,000	
MISSOURI.	60,871	62,699	51,000	
OKLAHOMA.	957,106	823,526	890,000	
CALIFORNIA.	23,846	43,620	67,000	
ALL OTHER.	8,296	13,604	29,000	
U. S.	14,175,872	11,449,930	10,949,000	

Fall Rye Planting—1916 and 1917.

The statement herewith shows that considerable rye was planted in the fall of 1917 over the fall of 1916. The percentage of increase in the United States is placed at 36.6, but North Dakota alone increased 120 per cent. The planting of rye was increased from 4,480,000 acres in 1916 to 6,119,000 acres in 1917, an increase of 1,639,000 acres.

State.	1916. Acres.	1917. Acres.	Inc., Acres.	Dec., Acres.
ALA....	8,000	9,000	1,000	
ARIZ....	000	000	000	
ARK....	10,000	10,000	000	
CALIF....	000	000	000	
COLO....	30,000	30,000	000	
CONN....	8,000	9,000	1,000	
DEL....	1,000	1,000	000	
FLA....	000	000	000	
GA....	20,000	21,000	1,000	
IDA....	3,000	2,000		1,000
ILL....	52,000	57,000	5,000	
IND....	210,000	242,000	32,000	
IOWA....	60,000	63,000	3,000	
KAS....	106,000	105,000	1,000	
KY....	35,000	33,000		2,000
LA....	000	000	000	
MAINE....	000	000	000	
MD....	29,000	30,000	1,000	
MASS....	3,000	3,000	000	
MICH....	378,000	438,000	60,000	
MINN....	430,000	452,000	22,000	
MISS....	000	000	000	
MO....	35,000	38,000	3,000	
MONT....	11,000	15,000	4,000	
NEB....	225,000	254,000	29,000	
NEV....	000	000	000	
N. H....	000	000	000	
N. J....	80,000	85,000	5,000	
N. M....	000	000	000	
N. Y....	150,000	165,000	15,000	
N. C....	86,000	91,000	5,000	
N. D....	1,066,000	2,345,000	1,279,000	
OHIO....	100,000	105,000	5,000	
OKLA....	10,000	10,000	000	
ORE....	32,000	35,000	3,000	
PENN....	280,000	283,000	3,000	
R. I....	000	000	000	
S. C....	20,000	21,000	1,000	
S. D....	360,000	486,000	126,000	
TENN....	31,000	33,000	2,000	
TEXAS....	2,000	2,000	000	
UTAH....	15,000	16,000	1,000	
VT....	1,000	1,000	000	
VA....	96,000	99,000	3,000	
WASH....	8,000	9,000	1,000	
W. VA....	23,000	24,000	1,000	
WIS....	446,000	473,000	27,000	
WYO....	20,000	24,000	4,000	
U. S....	4,480,000	6,119,000	1,639,000	

CABBAGE PRODUCTION, 1917.

The nine states where cabbages are produced in quantity nearly doubled production, as compared with the previous year, but did not equal the large crop of 1915. New York state alone represents half the commercial crop of cabbage.

State.	Acres. Planted.	Yield Per Acre.	Production, Tons.
N. Y....	37,600	7.3	247,105
WIS....	13,250	8.3	97,940
MICH....	5,350	8.7	44,805
COLO....	4,400	4.4	19,360
OHIO....	3,900	10.0	35,000
MINN....	2,800	7.2	18,000
VA....	2,150	7.0	15,050
IOWA....	1,950	6.8	12,240
IND....	1,800	8.0	13,200
Total.....	73,200	7.5	502,700

Santa Fe, New Mexico, was settled in 1605 by the Spanish. Don Juan de Ornate, of Zacatecas, in Mexico, was the originator of the colony. It was the second oldest white settlement in the United States.

Wheat on All Farms.

This statement is made up by the United States Agricultural Department on March 1st of each year. We show the quantity shipped out to March 1st, 1918, the amount remaining on the farms and the percentage of the crop remaining on farms. The final estimate of the 1917 crop is in another table.

State.	Shipped Out, Bushels.	On Hand, Bushels.	Per Cent. of Crop.
ALA....	28,000	56,000	6
ARIZ....	41,000	33,000	4
ARK....	672,000	538,000	16
CALIF....	3,712,000	520,000	7
COLO....	6,633,000	2,843,000	21
CONN....	1,232,000	519,000	24
DEL....	83,000	187,000	9
FLA....	9,128,000	1,798,000	13
GA....	17,632,000	4,256,000	14
IDAHO....	18,700,000	4,675,000	14
ILL....	3,674,000	1,336,000	16
IND....	20,670,000	3,675,000	8
IOWA....	2,160,000	1,080,000	12
KY....	3,000	62,000	40
LA....	6,885,000	2,869,000	21
MAINE....	7,605,000	2,586,000	17
MD....	34,779,000	13,912,000	24
MASS....	84,000	8,000	4
MICH....	15,147,000	3,856,000	14
MINN....	8,982,000	2,515,000	14
MISS....	6,882,000	2,753,000	20
MO....	114,000	182,000	16
MONT....	490,000	423,000	25
NEB....	387,000	413,000	16
NEV....	3,354,000	1,677,000	20
N. H....	488,000	2,246,000	23
N. J....	33,600,000	11,760,000	21
N. M....	20,570,000	9,051,000	22
N. Y....	16,042,000	1,782,000	5
N. C....	7,943,000	1,281,000	10
OHIO....	9,793,000	6,365,000	31
OKLA....	18,000	129,000	7
OREGON....	35,897,000	11,966,000	23
PENN....	918,000	628,000	13
R. I....	6,480,000	810,000	5
S. C....	2,260,000	1,412,000	25
S. D....	1,000	22,000	36
TENN....	6,451,000	4,301,000	24
TEXAS....	20,453,000	3,506,000	12
UTAH....	662,000	1,102,000	25
VT....	1,385,000	1,172,000	22
VA....	1,262,000	967,000	23
WASH....	333,300,000	111,273,000	17
W. VA....			
WIS....			
WYO....			
U. S....			

THE BUCKWHEAT CROP OF 1917.

The final report by the U. S. Agricultural Department of the 1917 buckwheat crop is closely near the earlier estimate.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
CONN....	3,000	17.3	52,000
DEL....	3,000	20.0	60,000
ILL....	4,000	19.0	76,000
IND....	10,000	15.0	150,000
IOWA....	11,000	12.0	132,000
ME....	15,000	21.5	322,000
MD....	11,000	20.0	220,000
MASS....	2,000	15.0	30,000
MICH....	75,000	9.0	675,000
MINN....	11,000	14.0	154,000
MO....	6,000	15.0	90,000
NEB....	2,000	16.0	32,000
N. H....	2,000	19.0	38,000
N. J....	16,000	18.0	288,000
N. Y....	330,000	18.0	5,940,000
N. C....	12,000	20.0	240,000
OHIO....	25,000	17.2	430,000
PENN....	350,000	18.0	6,300,000
TENN....	4,000	17.0	68,000
VT....	13,000	22.0	286,000
VA....	33,000	21.1	696,000
W. VA....	45,000	20.0	900,000
WIS....	23,000	12.2	281,000
U. S....	1,006,000	17.4	17,460,000

WHEAT PLANTING—FALL, 1918.

The Agricultural Department has issued a recommendation for winter wheat planting in 1918, which is an average of seven per cent. over the 1917 planting. The tabulated statement herewith shows the largest winter wheat acreage planted in the different states heretofore and the recommendation is also given to show the reasonableness of the desired action.

State.	Maximum Acreage Planted.	Maximum Per Cent. Now Sug- gested.	Per Cent. 1917 age.
ALA.....	144,000	158,000	105
ARIZ.....	44,000	48,000	105
ARK.....	288,000	317,000	105
CALIF.....	489,000	538,000	105
COLO.....	462,000	508,000	105
DEL.....	146,000	160,000	105
GA.....	428,000	514,000	105
IDAHO.....	405,000	405,000	125
ILL.....	2,934,000	3,200,000	113
IND.....	2,820,000	3,100,000	110
IOWA.....	525,000	900,000	131
KAN.....	9,479,000	9,479,000	100
KY.....	968,000	1,142,000	110
MD.....	737,000	811,000	105
MICH.....	963,000	941,000	100
MINN.....	89,000	89,000	100
MISS.....	36,000	45,000	110
MO.....	2,875,000	3,235,000	108
MONT.....	775,000	775,000	100
NEB.....	3,674,000	3,762,000	117
NEV.....	23,000	10,000	100
N. J.....	99,000	104,000	102
N. M.....	270,000	283,000	102
N. Y.....	512,000	563,000	103
N. C.....	1,179,000	1,297,000	105
OHIO.....	2,145,000	2,500,000	109
OKLA.....	3,400,000	3,400,000	100
OREGON.....	692,000	692,000	105
PENN.....	1,530,000	1,683,000	103
S. C.....	270,000	297,000	105
S. D.....	182,000	182,000	111
TENN.....	907,000	1,010,000	110
TEXAS.....	1,730,000	1,730,000	107
UTAH.....	256,000	275,000	105
VA.....	1,463,000	1,609,000	105
WASH.....	1,156,000	850,000	180
W. VA.....	355,000	390,000	105
WIS.....	112,000	112,000	100
WYO.....	84,000	92,000	105
U. S.....	44,640,000	47,206,000	107

NOTE—States that have suffered from drought conditions are not asked to increase wheat acreage, but if generally favorable conditions obtain, it is expected that increases will be shown in these states. In Michigan, Wisconsin, Minnesota and South Dakota, larger increase of winter wheat acreage is not suggested, because of heavy increases suggested for rye.

WHEAT ON FARMS, 1915, 1916, 1917.

This table shows the amount of wheat reported as being on farms on the 1st of March for several years. A separate table shows the amount of wheat on farms on March 1st, 1918.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
PENN..	5,462,000	8,612,000	4,702,000
MD.....	2,368,000	2,568,000	2,048,000
VA.....	2,598,000	4,922,000	2,925,000
N. C.....	2,126,000	2,551,000	1,796,000
OHIO...	8,038,000	12,058,000	3,240,000
IND.....	6,486,000	10,028,000	2,527,000
ILL.....	5,550,000	9,576,000	1,460,000
MICH.....	3,983,000	5,725,000	2,448,000
MINN...	10,314,000	19,844,000	5,787,000
IOWA...	3,013,000	4,556,000	1,672,000
MO.....	6,933,000	5,798,000	1,492,000
N. D.....	15,502,000	39,512,000	11,011,000
S. D.....	6,945,000	17,853,000	5,958,000
NEB.....	10,899,000	23,436,000	15,081,000
KAN.....	30,124,000	25,569,000	10,782,000
KY.....	1,254,000	1,188,000	641,000
TEXAS...	1,547,000	2,813,000	924,000
OKLA...	4,793,000	5,052,000	1,775,000
MONT...	3,488,000	10,545,000	4,871,000
COLO...	2,036,000	3,167,000	2,020,000
IDAHO...	2,442,000	3,933,000	2,110,000
WASH...	5,021,000	7,713,000	4,516,000
OREGON...	1,826,000	3,004,000	2,737,000
U. S....	152,903,000	244,448,000	101,365,000
U. S., on Farms, March 1st, 1918..			111,272,000

Winter Wheat Harvest, 1918.

In May the Agricultural Department gave us an estimate of the acreage of winter wheat which would be harvested in 1918, and in June gave us an estimate of production. The planted area was 42,170,000 acres, and the loss reduces the acreage to be harvested to 36,392,000, and the estimated production is 586,915,000 bushels.

State.	Acre to be Harvested.	Production, Bushels.
ALA.....	140,000	1,637,000
ARIZ.....	38,000	912,000
ARK.....	285,000	3,475,000
CALIF.....	416,000	6,469,000
COLO.....	430,000	9,572,000
CONN.....		
DEL.....	133,000	1,796,000
FLA.....		
GA.....	381,000	4,476,000
IDAHO.....	290,000	8,213,000
ILL.....	2,524,000	51,553,000
IND.....	2,619,000	50,809,000
IOWA.....	399,000	8,411,000
KAN.....	6,730,000	97,114,000
KY.....	933,000	13,808,000
LA.....		
MAINE.....		
MD.....	700,000	10,603,000
MASS.....		
MICH.....		8,416,000
MINN.....	73,000	1,232,000
MISS.....	34,000	530,000
MO.....	2,846,000	49,999,000
MONT.....	682,000	116,692,000
NEB.....	2,821,000	43,019,000
NEV.....	5,000	134,000
N. H.....		
N. J.....	93,000	1,578,000
N. M.....	176,000	2,872,000
N. Y.....	435,000	7,526,000
N. C.....	1,155,000	13,319,000
N. D.....		
OHIO.....	2,038,000	35,816,000
OKLA.....	2,611,000	32,267,000
OREGON.....	551,000	12,811,000
PENN.....	1,454,000	23,730,000
R. I.....		
S. C.....	265,000	3,031,000
S. D.....	131,000	2,327,000
TENN.....	823,000	10,321,000
TEXAS.....	892,000	
UTAH.....	239,000	4,782,000
VT.....		
VA.....	1,448,000	20,851,000
WASH.....	401,000	10,466,000
W. VA.....	348,000	5,168,000
WIS.....	62,000	1,092,000
WYO.....	76,000	1,788,000
U. S.....	36,392,000	572,539,000

WOOL PRODUCTION, YEAR BY YEAR.

The following statement represents the United States Department of Agriculture estimate of the wool production of the United States, year by year, since the year 1894, the year of the largest production being 1909, and the smallest in 1898.

Year.	Pounds.	Year.	Pounds.
1894.....	298,057,384	1906.....	298,915,130
1895.....	309,748,000	1907.....	298,294,750
1896.....	272,474,708	1908.....	311,138,321
1897.....	259,153,251	1909.....	328,110,749
1898.....	266,720,684	1910.....	321,362,750
1899.....	272,191,330	1911.....	318,547,900
1900.....	288,636,621	1912.....	304,043,400
1901.....	302,502,328	1913.....	296,175,300
1902.....	316,341,032	1914.....	290,192,000
1903.....	287,450,000	1915.....	285,726,000
1904.....	291,783,032	1916.....	288,490,000
1905.....	295,488,438	1917.....	

BROOM CORN CROP, 1916-18.

State.	1916. Tons.	1917. Tons.	1918. Tons.
ILLINOIS.....	6,681	8,250	9,500
KANSAS.....	5,943	12,000	13,500
TEXAS.....	847	688	14,500
OKLAHOMA.....	22,420	26,250	26,000
COLORADO.....	2,835	4,650	7,000
Total Above.....	38,726	51,838	70,500

Different Colored Corn.

The corn crop of the year 1917 is placed at 3,159,494,000 bushels, and it is divided into colors, as per table presented herewith. The figuring, of course is in bushels. It will be noticed that Illinois produces the most white corn, Iowa the most yellow corn, and Iowa the most mixed corn:

State.	White, Bushels.	Yellow, Bushels.	Mixed, Bushels.
ALA...	56,356,000	8,492,000	12,352,000
ARIZ...	458,000	346,000	60,000
ARK...	42,336,000	12,768,000	12,096,000
CALIF...	1,440,000	864,000	96,000
COLO...	4,043,000	3,618,000	2,979,000
CONN...	1,017,000	3,343,000	485,000
DEL...	2,737,000	4,223,000	860,000
FLA...	11,387,000	1,110,000	1,387,000
GA...	57,600,000	6,480,000	7,920,000
IDA...	273,000	273,000	136,000
ILL...	154,600,000	213,180,000	50,160,000
IND...	61,031,000	115,958,000	26,447,000
IOWA...	114,996,000	229,992,000	65,712,000
KAS...	55,401,000	42,301,000	29,482,000
KY...	81,081,000	27,027,000	14,742,000
LA...	19,433,000	11,829,000	10,984,000
ME...	000	780,000	000
MD...	10,951,000	14,040,000	3,080,000
MASS...	281,000	2,329,000	196,000
MICH...	9,782,000	21,823,000	6,020,000
MINN...	26,100,000	48,600,000	15,300,000
MISS...	60,516,000	10,086,000	13,448,000
MO...	93,240,000	118,440,000	40,320,000
MONT...	263,000	364,000	385,000
NEB...	94,802,000	107,277,000	47,401,000
NEV...	55,000	5,000	000
N. H...	109,000	939,000	44,000
N. J...	1,916,000	6,002,000	4,853,000
N. M...	1,292,000	1,020,000	1,088,000
N. Y...	6,510,000	15,364,000	4,166,000
N. C...	43,200,000	6,600,000	10,200,000
N. D...	1,690,000	1,434,000	2,177,000
OHIO...	31,521,000	96,064,000	22,515,000
OKLA...	12,597,000	9,945,000	10,608,000
ORE...	378,000	630,000	232,000
PENN...	12,442,000	38,572,000	11,198,000
R. I...	382,000	109,000	55,000
S. C...	34,279,000	6,152,000	3,516,000
S. D...	33,031,000	50,518,000	13,601,000
TENN...	80,038,000	15,561,000	15,561,000
TEXAS...	31,908,000	24,904,000	21,013,000
UTAH...	275,000	170,000	55,000
VT...	634,000	1,904,000	000
VA...	48,424,000	15,901,000	7,950,000
WASH...	486,000	834,000	197,000
W. VA...	9,258,000	13,010,000	2,752,000
WIS...	13,081,000	18,988,000	10,127,000
WYO...	191,000	112,000	357,000

U. S. . . 1,324,871,000 1,330,281,000 504,342,000

ORANGES, LEMONS AND (POMELOES) GRAPE FRUIT.

The following memorandum from the report of the last census shows that California is the largest producer of oranges and lemons, and that Florida is the largest producer of (Pomeles) grape fruit.

State.	ORANGES, Boxes.	LEMONS, Boxes.	GRAPE FRUIT, Boxes.
ALA.	560	1201	132
ARIZ.	336	32247	99
ARK.	40	1	56
CAL.	19074	14436180	8449
FLA.	16769	4852967	498
GA.	213	210	42
IDA.	3231	149979	261
MISS.	550	3779	141
N. M.	3	12	.....
N. C.	51	21	55
S. C.	80	177	51
TENN.	43	1	55
TEX.	3054	10694	666
VA.	16	12	52
Total.	44022	10557	6172
Total.	19487481	2770313	11189250

Increased production will win the war, and nothing else will do it.

Sweet Potatoes, 1915-1916.

The sweet potato crop of 1914 was 56,574,000 bushels; of 1915 it was 75,639,000 bushels; and in 1916 the crop was 70,955,000 bushels. The area in 1914 was 603,000 acres; in 1915 the area was 731,000 acres; and in 1916 the ground devoted to raising sweet potatoes was 774,000 acre.

State.	1915. Yield Per Acre, Bushels.	1915. Pro- duction, Bushels.	1916. Yield Per Acre, Bushels.	1916. Pro- duction, Bushels.
ALA.....	90	7,200,000	74	6,290,000
ARK.....	130	3,900,000	91	3,185,000
CAL.....	135	810,000	160	960,000
DEL.....	135	675,000	125	625,000
FLA.....	112	2,576,000	100	2,500,000
GA.....	85	8,075,000	80	7,520,000
ILL.....	110	880,000	90	720,000
IND.....	104	208,000	100	300,000
IOWA.....	95	285,000	91	273,000
KAS.....	110	440,000	92	368,000
KY.....	105	1,050,000	90	900,000
LA.....	92	5,980,000	90	5,760,000
MD.....	130	1,040,000	126	1,134,000
MISS.....	110	8,250,000	82	6,314,000
MO.....	100	700,000	70	490,000
N. J.....	155	3,565,000	100	2,300,000
N. C.....	105	8,325,000	107	9,309,000
OHIO.....	95	95,000	99	99,000
OKLA.....	115	1,380,000	74	962,000
PENN.....	105	105,000	100	100,000
S. C.....	105	6,825,000	86	5,676,000
TENN.....	105	2,835,000	100	2,700,000
VA.....	110	3,740,000	130	5,070,000
W. VA.....	110	220,000	140	280,000

U. S. . . 103.5 75,639,000 91.7 70,955,000

SWEET POTATOES—1917.

The 1917 crop of sweet potatoes, as estimated by the United States Department of Agriculture, is a large crop. Georgia shows largely increased production, and the general average per acre is much the same as in 1916. The acreage increased from 774,000 in 1916 to 953,000 acres in 1917.

State.	Planted Acres.	Yield Per Acre.	Produc- tion, Bushels.
ALA.....	178,000	90.0	16,020,000
ARK.....	40,000	110.0	4,400,000
CALIF.....	6,000	167.0	1,002,000
DEL.....	5,000	112.0	560,000
FLA.....	35,000	100.0	3,500,000
GA.....	125,000	93.0	11,625,000
ILL.....	8,000	97.0	776,000
IND.....	3,000	106.0	318,000
IOWA.....	3,000	90.0	270,000
KAS.....	4,000	92.0	368,000
KY.....	12,000	95.0	1,140,000
LA.....	62,000	79.0	4,898,000
MD.....	10,000	118.0	1,180,000
MISS.....	85,000	65.0	5,525,000
MO.....	8,000	112.0	896,000
N. J.....	24,000	120.0	2,880,000
N. M.....	2,000	118.0	236,000
N. C.....	90,000	95.0	8,550,000
OHIO.....	1,000	95.0	95,000
OKLA.....	15,000	90.0	1,350,000
PENN.....	1,000	110.0	110,000
S. C.....	80,000	95.0	7,600,000
TENN.....	30,000	95.0	2,850,000
TEXAS.....	84,000	78.0	6,552,000
VA.....	40,000	104.0	4,160,000
W. VA.....	2,000	140.0	280,000

U. S. 953,000 91.4 87,141,000

THE ORANGE RESULTS—1917.

Here we have a table showing the results in orange growing in Florida and California. The relative importance of California and Florida as orange-growing states can be ascertained from this table:

State.	1915. Boxes.	1916. Boxes.	1917. Boxes.
FLA.....	6,150,000	6,933,000	4,200,000
CALIF.....	15,050,000	17,500,000	8,632,000
Total.....	21,200,000	24,433,000	12,832,000

Milo Maize and Kafir Corn.

These crops have seldom been enumerated. They are in one class. In 1899 the census reported 266,513 acres devoted to the production of these crops and resulting in a production of 5,169,113 bushels. In 1909 the acreage was increased to 1,635,153 and the production to 17,597,305 bushels.

State.	Acreage, 1899.	Acreage, 1909.	Bush-els, 1899.	Bush-els, 1909.
ALA....	4	140	90	1,716
ARIZ....	1	801	50	18,739
ARK....	109	1,294	1,722	15,284
CALIF..	20,218	44,308	420,452	938,049
COLO....	18	11,971	302	139,234
CONN....	.....	4	.....	105
DEL....	2	1	65	25
IDA....	.....	16	.....	422
GA....	26	15	369	237
IDAHO..	.....	9	.....	140
ILL....	34	415	808	7,739
IND....	3	179	37	3,228
IOWA....	66	742	1,408	3,081
KAS....	154,706	388,495	3,063,781	5,115,415
KY....	.....	190	.....	2,404
LA....	.....	213	.....	2,132
MAINE..	.....	.....	.....	.....
MD....	1	19	6	238
MASS....	.....	21	.....	1,317
MICH....	.....	84	.....	1,786
MINN....	43	75	1,096	3,335
MISS....	9	44	277	794
MO....	1,990	13,543	38,497	228,386
MONT....	.....	53	.....	1,253
NEB....	742	2,015	13,607	20,212
NEV....	.....	15	.....	385
N. H....	.....	23	.....	350
N. J....	.....	76	.....	1,436
N. M....	138	63,570	4,473	543,350
N. Y....	.....	227	.....	5,082
N. C....	2	65	8	599
N. D....	25	23	375	444
OHIO....	12	82	90	1,920
OKLA....	65,418	532,515	1,136,772	4,658,752
ORE....	4	24	134	617
PENN....	1	283	14	5,129
R. I....	.....	.....	.....	.....
S. C....	.....	8	.....	135
S. D....	21	139	280	1,411
TENN....	10	119	257	1,539
TEXAS..	22,813	573,384	482,096	5,860,444
UTAH....	.....	.....	.....	.....
VT....	9	80	170	1,438
WASH....	.....	4	.....	47
W. VA....	.....	26	.....	467
WIS....	88	425	1,877	8,106
WYO....	.....	17	.....	410
Total.	266,513	1,635,750	5,169,113	17,597,305

KAFIR-CORN REPORT.

The following is an Agricultural Department estimate of the Kafir corn produced in the years 1915, 1916 and 1917:

State.	1915.	1916.	1917.
KAS....	35,100,000	13,320,000	31,890,000
TEXAS..	40,000,000	26,400,000	14,766,000
OKLA....	30,950,000	7,798,000	22,400,000
COLO....	1,650,000	700,000	1,320,000
N. M....	5,400,000	3,960,000	3,510,000
ARIZ....	1,360,000	1,680,000	1,980,000
U. S....	114,460,000	53,858,000	75,866,000

The English walnut is credited with arriving in England in 1562 from Rome, where it was called "the Nut of the Gods."

We are progressing towards a circulation of a hundred thousand copies of **Agricultural Statistics** a year.

Timothy, Clover and Millets.

This is a basic table from the last census, showing the amount of timothy hay, timothy and clover mixed, also straight clover and the millets (including Hungarian grass) grown in the United States in a normal year, as follows:

State.	Timothy, Tons.	Mixed, Tons.	Clover, Tons.	Millets, Tons.
ALA....	4,566	4,169	7,544	15,228
ARIZ....	182	289	119	791
ARK....	35,113	72,190	18,369	14,652
CAL....	20,001	73,183	20,836	2,688
COLO....	33,482	84,636	3,695	35,263
CONN....	82,083	147,896	2,562	4,510
DEL....	22,588	31,387	27,467	1,081
D. C....	287	328	15	4
FLA....	747	1,201	1,618	936
GA....	3,237	4,153	2,266	3,985
IDA....	140,134	99,864	20,944	1,071
ILL....	1,947,572	1,123,254	539,790	46,918
IND....	1,442,218	524,385	314,818	25,147
IA....	1,952,956	3,732,186	195,578	54,340
KAS....	144,536	357,159	79,144	290,661
KY....	353,239	204,865	80,688	35,951
LA....	1,331	4,597	15,287	858
ME....	143,855	559,293	5,753	16,793
MD....	159,690	215,052	32,942	2,819
MASS....	153,622	249,317	3,145	15,276
MICH....	929,165	1,991,618	216,862	16,349
MINN....	1,101,510	1,433,075	106,334	50,383
MISS....	1,620	2,604	12,000	2,390
MO....	1,334,556	1,630,211	309,209	141,626
MONT....	171,030	156,039	24,094	4,742
NEB....	138,729	470,764	46,648	160,684
NEV....	21,395	26,157	120	467
N. H....	83,412	203,106	3,292	9,251
N. J....	116,700	236,490	9,475	1,921
N. M....	3,233	2,650	410	10,637
N. Y....	1,159,083	3,215,021	114,864	31,147
N. C....	16,011	39,050	39,445	3,529
N. D....	197,947	39,724	1,386	149,429
OHIO....	2,348,660	1,346,347	239,492	12,104
OKLA....	9,817	6,355	2,214	75,591
ORE....	67,239	129,278	83,909	1,690
PENN....	1,200,073	1,830,852	74,096	10,675
R. I....	21,392	28,292	295	1,392
S. C....	1,654	237	536	1,576
S. D....	248,927	218,371	4,194	65,844
TENN....	130,834	236,656	201,926	76,311
TEX....	916	468	878	95,352
UTAH....	34,214	24,115	1,793	876
VT....	179,847	628,098	6,640	13,667
VA....	169,881	366,741	63,056	14,589
WASH....	143,461	253,194	21,923	421
W. VA....	278,074	249,986	6,514	8,906
WIS....	1,110,446	2,477,311	193,786	9,851
WYO....	44,655	16,328	808	6,252
Total	17,985,420	24,748,555	3,158,324	1,546,533

KAFIR CROP OF 1917.

The kafir crop varies considerably one year with another. The crop of 1917 was largely in excess of the year 1916, but was very much below the yield of 1915.

State.	Planted, Acre.	Yield, Per Acre.	Production, Bushel.
KAS....	2,126,000	15.0	31,890,000
TEXAS..	1,284,000	11.5	14,766,000
OKLA....	1,400,000	16.0	22,400,000
COLO....	88,000	15.0	1,320,000
N. M....	195,000	18.0	3,510,000
ARIZ....	60,000	33.0	1,980,000
Total	5,153,000	14.7	75,866,000

At first farmers were slow to take hold of **Agricultural Statistics**, but now they are getting used to it and they are no longer slow.

In a letter written in 1565 Gessner, the Swiss botanist, mentions the Musk rose as growing in a garden at Augsburg.

Sugar Beets.

Although sugar beets are raised largely in a few states, it is proper to show the entire production, no matter how small it may be in some states. When the last census was taken, beets were produced on 35,682 farms, and the acreage devoted to sugar beet raising was 354,093. The production in tons was 3,932,857, of which 30,876 tons were used as root forage and 3,902,071 tons were used for the manufacture of beet sugar. This industry had made a tremendous increase in ten years. At the previous census 14,035 farms were producing beets, the acreage was 110,170, and the production was 793,353 pounds.

State.	1910.				
	Farms Reporting.	Area, Acres.	Production, Tons.	Used as Forage.	Used for Sugar.
ALA.	12	18	43	43	
ARIZ.	67	4,413	49,630	6	49,624
ARK.	155	244	468	468	
CAL.	1,113	78,957	845,191	1,922	843,269
COL.	4,898	108,082	1,231,712	994	1,230,718
CONN.					
DEL.	3	3	25	25	
D. C.					
FLA.	2		3	3	
GA.	75	49	164	164	
IDA.	1,037	15,601	179,661	23	179,638
ILL.	293	1,181	14,981	65	14,916
IND.	109	756	7,194	646	6,548
IA.	247	1,051	7,117	155	6,962
KAS.	210	5,851	50,736	151	50,585
KY.	160	192	675	675	
LA.	3	1	15	15	
ME.	43	21	198	198	
MD.	8	5	81	81	
MASS.	65	74	742	742	
MICH.	1,690	78,779	207,639	649	206,990
MINN.	774	2,238	24,140	384	23,756
MISS.	30	19	69	69	
MO.	106	180	506	506	
MONT.	369	8,804	109,434	658	108,776
NEB.	327	4,191	39,874	118	39,756
NEV.	4	3	36	36	
N. H.	3	3	125	125	
N. J.	28	36	529	529	
N. M.	29	55	732	732	167
N. Y.	376	1,313	10,990	930	10,060
N. C.	32	39	85	85	
N. D.	4	3	59	59	
OHIO	1,129	7,036	63,696	150	63,546
OKLA.	101	207	359	359	
ORE.	208	1,176	15,606	9,092	6,513
PENN.	71	57	800	800	
R. I.	2	3	3	3	
S. C.	37	52	95	95	
S. D.	9	5	28	28	
TENN.	123	167	429	429	
TEX.	161	293	611	611	
UTAH	3,644	27,472	413,946	135	413,811
VT.	11	5	46	46	
VA.	36	20	94	94	
WASH.	381	1,820	13,794	7,238	6,556
W. VA.	10		45	45	
WIS.	4,341	12,379	127,526	880	126,646
WYO.	136	1,207	13,418	184	13,234

Total. 35,682 364,093 3,932,857 30,786 3,902,071
 1900. 14,035 110,170 793,353

First Mention of Buffalo.

Don Antonio de Espejo, sent by the Viceroy of New Spain, explored the Pecos river country in 1584 and mentioned a great multitude of oxen or kine (buffalo) that fed upon the banks thereof, by which they traveled for the space of 120 leagues, still meeting with "store of the said cattell."

Sugar From Sugar Beets.

In considering the status of the sugar beet industry we find that the average size of a sugar beet acreage on a farm is 10.2 acres, although in some states it is much larger; the yield per acre averaged 10.80 tons, the value per ton averaged \$5.06, the average value per acre was \$54.60, and the total value of the crop was \$19,880,724. Ten years previous the average acreage per farm was 7.8, the average yield per acre was 7.20 tons, the value per ton was \$4.19, the value per acre was \$30.16, the total value of that crop was \$3,323,240. The entire Colorado sugar beet industry appears to have grown between 1900 and 1910.

State.	1909.				
	Yield Per Acre.	Value Per Ton.	Value Per Acre.	Value of Crop.	
ALA.	1.5	2.39	\$ 9.19	\$ 21.94	\$ 395
ARIZ.	6.63	11.17	4.78	53.34	236,997
ARK.	1.6	1.92	8.43	16.17	3,945
CALIF.	70.9	10.70	5.11	54.72	4,320,532
COLO.	2.21	11.40	4.92	56.08	6,061,152
CONN.					
DEL.	1.0	8.33	7.44	62.00	186
D. C.					
FLA.	1.0	1.50	20.00	30.00	60
GA.	0.7	3.35	8.45	28.27	1,385
IDAHO	15.0	11.52	4.53	52.15	813,604
ILL.	4.0	12.69	5.19	65.82	77,732
IND.	6.9	9.52	5.68	54.05	40,861
IOWA.	4.3	6.77	4.92	33.32	35,024
KAS.	27.9	8.67	5.05	43.80	256,262
KY.	1.2	3.52	5.84	20.52	3,939
LA.	0.3	15.00	16.00	240.00	240
MAINE.	0.5	9.45	9.16	86.38	1,814
MD.	0.6	16.20	6.68	108.20	541
MASS.	1.1	10.03	12.49	125.26	9,269
MICH.	5.4	8.98	5.67	50.95	4,014,123
MINN.	2.9	10.79	4.91	53.00	118,625
MISS.	0.6	3.63	9.42	34.21	650
MO.	1.7	2.81	5.74	16.14	2,905
MONT.	23.9	12.43	5.00	62.11	546,832
NEB.	12.8	9.51	4.52	43.01	180,247
NEV.	0.8	12.00	5.53	66.33	199
N. H.	1.0	41.67	8.04	335.00	1,005
N. J.	1.3	14.69	4.94	72.64	2,615
N. M.	1.9	4.35	6.24	27.13	1,492
N. Y.	3.5	8.37	5.39	45.09	59,200
N. C.	1.2	2.18	7.46	16.26	634
N. D.	0.8	19.67	6.27	123.33	370
OHIO.	6.2	9.05	5.02	45.43	319,667
OKLA.	2.0	1.73	7.56	13.12	2,715
ORE.	5.7	13.27	4.80	63.69	74,902
PENN.	0.8	14.04	7.28	102.21	5,826
R. I.	1.5	1.90	13.33	13.33	40
S. C.	1.4	1.83	12.51	22.85	1,188
S. D.	0.6	5.60	5.86	32.80	164
TENN.	1.4	2.57	6.55	16.83	2,810
TEXAS.	1.8	2.09	9.69	20.20	5,919
UTAH.	7.5	15.07	4.49	67.65	1,858,600
VT.	0.5	9.20	7.00	64.40	322
VA.	0.6	4.70	9.26	43.50	870
WASH.	4.8	7.58	6.23	47.23	85,954
W. VA.			7.31		329
WIS.	2.9	10.30	5.23	53.90	667,185
WYO.	8.9	11.12	4.58	50.87	61,398

Average 10.2 10.80 \$ 5.06 \$ 54.60 \$19,880,724

Richard Harris, an English fruit grower, in service of King Henry, VIII., planted many apple orchards in the county of Kent, near London, in the year 1533.

The apricot introduced into England by Woolf, the gardener to King Henry, VIII., in the year 1524.

Be sure to buy a Liberty Bond.

The Crop of Sorghum Cane.

In the year 1909—the season the last census was based upon—445,684 farms grew sorghum cane, which was seven per cent. of all farms. The total production was 1,647,262 tons, grown upon 444,089 acres. Of the total production 270,775 tons were used as coarse forage and 1,376,487 ton were worked into sorghum syrup. The value of sorghum cane increased from \$3.20 in 1899 to \$6.18 in 1909.

State.	Farms Re- porting.	Area, Acres.	Forage, Tons.	For Yield Syrup, Acres, Tons.	Yield Per Acre, Tons.
ALA...	24,545	17,819	4,799	67,589	4.06
ARIZ...	122	586	1,122	329	2.48
ARK...	31,952	33,071	10,082	83,041	2.82
CALIF...	48	647	2,833	188	4.67
COLO...	324	3,169	6,987	174	2.26
CONN...	17	9	121	13.44	.....
DEL...	117	66	6	266	4.12
D. C...	.....	.....	.....	.....	.....
FLA...	212	379	159	2,014	5.73
GA...	22,098	15,612	4,134	60,202	4.12
IDA...	14	29	229	24	8.72
ILL...	21,971	15,039	866	89,421	6.00
IND...	22,116	12,253	2,072	77,600	6.50
IOWA...	5,364	6,225	4,360	24,597	4.65
KAN...	2,954	15,406	26,377	34,444	3.95
KY...	57,435	62,327	27,899	198,404	3.63
LA...	1,929	1,690	1,388	4,685	3.59
ME...	3	8	97	12.13	.....
MD...	72	75	66	209	3.67
MASS...	1	3	30	10.00	.....
MICH...	1,251	416	608	2,157	6.65
MINN...	3,677	7,009	360	12,857	7.75
MISS...	13,312	17,851	5,032	55,577	3.10
MO...	42,230	15,088	24,441	176,765	4.46
MONT...	9	17	19	18	2.18
NEB...	782	4,034	9,254	1,223	2.60
NEV...	12	14	.....	100	7.14
N. H...	.....	.....	.....	.....	.....
N. J...	3	.....	2	3	.....
N. M...	422	2,371	2,379	440	1.19
N. Y...	56	143	621	20	4.48
N. C...	41,620	21,227	1,709	84,753	4.07
N. D...	8	26	122	6	4.92
OHIO...	11,900	4,709	507	28,137	6.08
OKLA...	10,758	25,546	29,404	35,195	2.53
ORE...	85	153	1,654	133	11.68
PENN...	121	90	100	206	3.40
R. I...	.....	.....	.....	.....	.....
S. C...	10,892	8,445	5,241	22,271	3.27
S. D...	91	297	654	197	2.87
TENN...	47,130	52,997	22,573	183,328	3.89
TEX...	24,872	55,027	70,789	30,902	1.85
UTAH...	155	340	27	1,627	4.86
VT...	1	2	4	.....	2.00
VA...	16,808	8,288	574	40,875	5.00
WASH...	35	66	695	71	11.61
W. VA...	16,720	8,607	3	48,091	5.59
WIS...	5,436	2,281	237	13,498	6.02
WYO...	4	22	103	.....	4.68
Total.	445,684	444,089	270,775	1,376,487	3.71

Rice Production, 1915-1916.

One of the few crops which exhibited a substantial increase in production in 1916 was rice. The crop of 1914 was 23,649,000 bushels; in 1915 the crop was 28,947,000 bushels; and in 1916, 41,982,000 bushels.

State.	Per Acre,	Pro-	Pro-	Value
	1915. 1916.	duction, 1915.	duction, 1916.	Per Acre, 1915. 1916.
	Bu. Bu.	Bushels.	Bushels.	\$ c. c.
ALA.	25.0 25.0	8,000	8,000	18.75 18.75
ARK.	48.4 50.0	4,840,000	6,312,000	45.98 48.48
CAL.	66.7 67.0	2,268,000	4,543,000	60.00 52.26
FLA.	25.0 25.0	12,000	18,000	18.75 18.75
GA...	29.3 20.0	26,000	16,000	25.78 17.40
LA...	34.2 46.0	13,714,000	20,392,000	30.78 41.40
MISS.	25.0 28.0	45,000	53,000	22.00 22.40
MO...	50.0 51.0	10,000	10,000	50.00 51.00
N. C.	21.0 21.0	4,000	4,000	17.85 17.85
S. C.	24.3 14.0	90,000	49,000	21.87 12.60
TEX.	30.5 45.0	7,930,000	10,575,000	27.14 38.70
Total	36.1 47.8	28,947,000	41,982,000	32.66 42.31

Sorghum Syrup.

This tabulated statement shows the farm production of sorghum syrup for four different census years, ten years apart, showing quite a decrease in sorghum syrup making. In 1879 the amount of sorghum syrup made was 28,444,202 gallons, and thirty years later the production is only 16,532,382 gallons. The year 1909 was a bad weather year for sorghum, reducing the average of 6.52 tons per acre in 1899 to 3.71 tons per acre in 1909.

SORGHUM SYRUP MADE ON FARMS—GALLONS.

State.	1879.	1889.	1899.	1909.
ALA...	1,163,451	1,242,689	1,168,868	809,361
ARIZ...	5,771	4,808	9,031	3,967
ARK...	1,118,364	1,868,952	1,223,691	1,140,532
CALIF...	2,459	1,670	8,671	4,330
COLO...	3,227	19,964	2,661	2,547
CONN...	1,163	214	.....	.....
DEL...	25,136	3,371	8,952	4,517
D. C...	.....	.....	.....	.....
FLA...	10,199	10,461	.....	22,177
GA...	981,152	1,342,803	767,024	740,450
IDA...	36	5,093	1,393	1,007
ILL...	2,265,993	1,110,483	625,939	977,238
IND...	1,741,853	751,808	579,061	965,086
IOWA...	2,064,020	1,886,605	521,212	250,205
KAN...	1,429,476	1,484,937	735,787	260,680
KY...	2,962,965	2,094,962	1,277,206	2,733,683
LA...	33,777	107,763	48,727	47,029
ME...	.....	152	.....	.....
MD...	19,837	4,732	4,058	1,782
MASS...	18	45	.....	.....
MICH...	102,500	45,524	24,059	21,350
MINN...	543,369	340,792	157,605	145,934
MISS...	1,062,140	972,216	1,162,269	622,356
MO...	4,129,595	2,721,240	1,990,987	1,788,391
MONT...	.....	.....	100	223
NEB...	246,047	631,146	92,413	14,644
NEV...	350	930	1,465	1,266
N. H...	.....	50	.....	.....
N. J...	1,261	281	450	35
N. M...	251	3,510	2,812	5,289
N. Y...	1,134	8,305	973	14
N. C...	964,662	1,268,946	1,419,570	1,099,346
N. D...	17,012	10	114	102
OHIO...	1,229,853	547,630	341,523	354,131
OKLA...	.....	31,299	179,272	514,807
ORE...	2,283	2,706	2,473	1,374
PENN...	69,767	33,708	6,514	2,585
R. I...	.....	.....	.....	.....
S. C...	281,242	559,216	478,190	262,452
S. D...	16,000	29,372	9,859	2,030
TENN...	3,776,212	2,542,533	2,047,655	2,076,339
TEX...	432,059	1,749,910	877,232	448,185
UTAH...	58,221	24,293	28,017	21,847
VT...	.....	.....	.....	.....
VA...	564,558	546,328	555,321	441,189
WASH...	1,472	1,125	438	634
W. VA...	817,168	513,747	450,777	604,201
WIS...	314,150	219,070	160,414	139,667
WYO...	.....	120	.....	.....
Total.	28,444,202	.....	16,972,783	.....
Total.	.....	21,235,219	.....	16,532,382

Grain Sorghums.

Herewith is an Agricultural Department memorandum relating to the production of grain sorghums, showing production of 1916 and estimate for 1917. The acreage planted in 1917 is 28.4 per cent. greater than in 1916 and the largest increase in acreage of 1916 is in Kansas.

	1915.	1916.	1917.	Total	1917
State.	Bushels.	Bushels.	Bushels.	Acres.	Bushels.
KAS.	35,100,000	12,000,000	1,850,000	29,230,000	29,230,000
OKL.	30,950,000	8,000,000	1,396,000	29,316,000	29,316,000
TEX.	40,000,000	24,000,000	1,284,000	26,964,000	26,964,000
COL.	1,650,000	700,000	88,000	1,813,000	1,813,000
N. M.	5,400,000	3,960,000	216,000	5,141,000	5,141,000
ARIZ.	1,360,000	1,680,000	60,000	2,052,000	2,052,000

Total 114,460,000 50,340,000 4,894,000 94,516,000

Production of Dry Peas.

In the year 1899 there were 417,-864 farms producing dry peas (very largely known as cowpeas, black-eyed peas, etc.), and ten years later the farms producing was reduced to 261,-231. The crop also was reduced from 9,440,210 bushels in 1899 to 7,129,294 bushels in 1909. Cowpeas are often grown on the same land as other crops, therefore the acreage figures are only estimates. As between these two census years there appears to be a great falling off in number of Southern farms growing cowpeas. The inference is that these legume crops are largely turned under as green manure.

1899.	1899.	1909.	1909.	1909.
State.	Acres.	Bushels.	Farms.	Acres.
ALA.	91,126	665,388	26,905	85,034
ARIZ.	50	866	15	13
ARK.	31,414	245,894	13,321	52,730
CAL.	2,014	57,299	262	2,959
COLO.	3,621	47,461	832	24,230
CONN.	29	462	18	4
DEL.	518	4,650	523	1,615
D. C.				
FLA.	17,875	159,814	2,642	7,144
GA.	167,032	1,130,441	34,716	210,315
IDA.	170	2,506	59	234
ILL.	12,982	103,386	4,334	14,076
IND.	523	7,757	1,162	13,882
IA.	1,566	27,606	183	731
KAS.	151	2,006	114	825
KY.	8,394	83,089	1,732	8,465
LA.	15,190	146,298	6,330	33,150
ME.	2,300	35,991	1,039	537
MD.	947	12,459	350	742
MASS.	122	2,259	58	30
MIC.	71,376	1,134,431	18,128	94,932
MINN.	670	9,021	530	835
MISS.	39,490	590,037	20,021	73,090
MO.	5,319	54,763	3,462	23,036
MONT.	1,512	32,265	180	1,184
NEB.	126	1,586	26	26
NEV.	4	85		
N. H.	146	1,533	234	122
N. J.	45	806	43	91
N. M.	2,220	28,071	1,453	2,485
N. Y.	14,748	251,889	1,661	4,007
N. C.	88,407	876,167	39,726	169,834
N. D.	84	710	103	399
OHIO	506	7,521	132	323
OKLA.	455	5,049	1,612	6,245
PENN.	482	6,363	128	87
ORE.	1,304	22,615	155	436
R. I.	45	940	18	4
S. C.	145,070	1,162,705	35,660	265,632
S. D.	37	452	89	1,783
TEN.	82,841	760,663	10,175	36,640
TEX.	33,974	333,462	10,296	46,777
UTAH.	143	2,694	55	126
VT.	408	6,945	121	127
VA.	22,206	219,142	4,462	12,091
WASH.	357	91,899	915	3,196
W. VA.	323	3,613	93	232
WIS.	68,817	1,098,819	15,950	78,017
WYO.	13	232	18	326
Total	968,370		261,231	7,129,294
Total.		9,440,210		1,305,099

The Yield of Flaxseed, 1916.

State.	Yield, Acres.	Pro-duction, Bushels.	Acres, Planted.	Pro-duction, Bushels.
COLO.	9.6	6,000	3,000	25,000
IOWA.	10.0	180,000	19,000	210,000
KAS.	5.8	174,000	34,000	248,000
MINN.	8.5	2,338,000	289,000	2,751,000
MO.	7.0	35,000	6,000	56,000
MONT.	9.5	3,088,000	422,000	1,924,000
NEB.	8.0	32,000	5,000	41,000
N. D.	10.3	8,137,000	964,000	4,643,000
S. D.	9.3	1,395,000	195,000	1,418,000
WIS.	12.0	60,000		
WYO.	7.0	14,000	2,000	19,000
U. S.	9.6	15,459,000	1,939,000	11,335,000

Production of Edible Beans.

Growing edible beans, such as navy beans, is largely confined to three states, but all states grow some. In 1899 Florida produced 176,304 bushels, but ten years later the production was only 31,835 bushels. The state of Maine also decreased from 137,290 bushels to 87,565 bushels. On the other hand, New Mexico, Colorado, Idaho, Minnesota and Wisconsin made good gains.

State.	1899. Acres.	1899. Bushels.	1909. Farms.	1909. Acres.	1909. Bushels.
ALA.	1,765	17,865	647	1,557	15,212
ARIZ.	805	6,673	776	2,301	18,457
ARK.	1,490	15,582	533	819	4,080
CAL.	45,861	658,515	3,054	157,987	3,328,218
COLO.	2,634	28,570	1,387	5,040	53,926
CONN.	341	6,428	717	208	2,845
DEL.	100	1,333	102	55	648
D. C.	1	12			
FLA.	9,189	176,304	424	2,647	31,835
GA.	1,927	17,489	1,329	2,947	16,546
IDA.	457	5,886	293	1,915	33,816
ILL.	3,451	30,122	627	1,153	6,866
IND.	2,999	30,171	1,982	1,721	15,238
IA.	2,427	24,903	973	615	5,699
KAS.	848	7,284	58	70	636
KY.	5,633	49,106	14,248	12,434	70,557
LA.	335	3,371	78	311	5,557
ME.	10,252	137,290	15,788	10,341	87,565
MD.	605	4,754	312	196	1,833
MASS.	629	7,939	1,252	446	4,979
MIC.	167,025	1,806,413	55,466	403,669	5,282,511
MINN.	3,293	36,317	4,571	4,697	62,822
MISS.	1,149	11,462	351	1,092	8,727
MO.	4,376	45,467	2,391	1,281	9,385
MONT.	101	1,110	140	342	2,958
NEB.	387	7,669	784	1,173	5,941
NEV.	33	536	15	14	222
N. H.	2,892	29,990	5,523	3,180	22,546
N. J.	201	2,888	291	403	2,947
N. M.	3,349	36,022	4,593	20,766	85,795
N. Y.	129,298	1,360,445	29,181	115,698	1,681,506
N. C.	5,381	49,518	6,574	5,521	35,397
N. D.	270	2,389	394	544	5,073
OHIO	1,828	19,042	2,108	1,139	13,665
OKLA.	755	6,130	224	575	2,520
ORE.	841	11,077	675	562	8,032
PENN.	2,182	23,957	3,326	1,269	12,021
R. I.	216	3,330	252	54	817
S. C.	1,657	14,925	517	1,528	6,825
S. D.	397	4,218	659	809	5,285
TENN.	5,563	48,736	5,312	3,393	19,526
TEX.	2,878	28,129	607	1,446	12,895
UTAH.	176	1,806	208	196	3,352
VT.	2,404	27,172	2,752	2,390	26,359
VA.	6,411	56,189	7,660	4,777	29,435
WASH.	296	8,830	266	353	3,311
W. VA.	5,221	52,815	8,626	8,111	39,794
WIS.	12,989	143,182	5,656	14,574	154,570
WYO.	26	285	211	273	1,876
Total	453,841		185,934		11,251,160
Total		5,064,490		802,991	

FLAX SEED CROP—1917.

In 1917 the acreage was large, compared with former years, but the crop was small. It was practically a third of a crop, and entirely due to adverse conditions, which farmers could not overcome.

Flax Seed State.	Planted Acres.	Per Acre.	Produc-tion, Bushels.
COLO.	2,000	7.0	14,000
IOWA.	12,000	11.0	132,000
KAS.	34,000	7.0	238,000
MINN.	220,000	9.0	1,980,000
MO.	6,000	8.5	51,000
MONT.	422,000	3.0	1,266,000
NEB.	5,000	5.5	28,000
N. D.	965,000	3.3	3,164,000
S. D.	140,000	7.0	980,000
WYO.	3,000	6.5	20,000
U. S.	1,809,000	4.7	8,473,000

Wheat and rye now planted are subjects of two interesting tables in this publication.

Broom Corn Production.

In the year 1879 broom corn production was 29,470,825 pounds, and Illinois grew 11,645,101 pounds and Kansas came next with 5,683,018 pounds. In 1889 production was 38,556,329 pounds. Illinois produced 15,932,502 pounds, Kansas following with 10,809,434 pounds and Nebraska next with 6,514,763 pounds. In 1899 production was 90,947,370 pounds. Illinois produced 60,665,520 pounds, Kansas 11,813,310 pounds and Oklahoma 3,565,510 pounds. In the year 1909 total production was 78,959,958 pounds. Oklahoma produced 42,741,725 pounds, Illinois next with 19,309,425 pounds, and Kansas next with 8,768,853 pounds. We herewith present statement of production by states the last census year.

1910.				
State.	Farms Re- port- ing.	Acreage.	Production, Pounds.	Value, Dollars.
ALA.	145	52	17,910	1,563
ARIZ.	1	14	6,000	400
ARK.	294	332	106,576	8,198
CAL.	24	1,023	614,250	32,500
COLO.	240	5,631	1,187,791	71,717
CONN.	2	.....	150	14
DEL.	21	13	4,198	492
GA.	8	22	7,067	694
ILL.	1,851	38,452	19,309,425	1,457,172
IND.	335	323	153,259	13,461
IA.	49	156	75,370	6,670
KAS.	1,728	41,064	8,768,853	593,947
KY.	1,041	342	157,286	15,641
LA.	263	320	92,208	7,285
MD.	291	19	18,599	2,006
MASS.	2	2	2,160	168
MICH.	9	4	2,200	233
MINN.	13	13	10,259	738
MISS.	43	154	60,574	5,548
MO.	1,225	5,339	1,174,536	115,243
NEB.	51	458	157,146	11,116
N. J.	10	11	6,760	658
N. M.	362	4,470	644,892	33,492
N. Y.	10	2	1,001	97
N. C.	128	15	6,493	549
N. D.	3	18	7,250	725
OHIO.	383	170	92,292	9,116
OKLA.	10,151	216,350	12,741,725	2,559,235
PENN.	727	103	45,582	5,253
S. C.	3	2	650	65
S. D.	14	64	35,400	3,408
TENN.	2,220	1,348	347,064	27,733
TEX.	51	9,448	2,368,490	140,533
UTAH	1	.....	200	12
VA.	666	107	46,016	3,586
WASH.	5	183	45,040	2,905
W. VA.	397	45	30,156	3,229
WIS.	12	28	14,830	1,026
Total	23,238	326,102	78,959,958	5,134,434

BROOM CORN YIELD.

The following is the Agricultural Department yield of broom corn for the years 1915, 1916 and 1917:

State.	1915. Tons.	1916. Tons.	1917. Tons.
ILL.	6,672	6,681	8,250
KAS.	4,665	5,943	12,000
TEXAS.	1,595	847	688
OKLA.	34,760	22,420	26,250
COLO.	4,550	2,835	4,650
Total	52,242	38,726	51,838

We intend to place a copy of Agricultural Statistics on every farm in the United States. It will take work, time and money to do it.

BROOM CORN CROP OF 1917.

The five states growing broom corn produced 51,838 tons in the year 1897, of which Oklahoma produced more than half. Kansas also is becoming important in growing broom corn.

State.	Yield Produc-		
	Planted, Acres.	Per Acres.	tion, Tons.
ILL.	30,000	0.275	8,250
KAS.	60,000	.200	12,000
TEAS.	4,000	.172	688
OKLA.	175,000	.150	26,250
COLO.	30,000	.155	4,650
Total	299,000	0.173	51,838

Hops in the United States.

Hop growing in the United States is not a general industry, but the product has increased in value, so that the hop grower has a rich reward so long as it lasts. In 1879 the acreage was 46,800 and the production 26,546,378 pounds. In 1899 the acreage was 50,190 and the production was 39,152,220 pounds. In 1899 there were 7,633 farms reporting hop growing; the acreage was 56,613 and the production 49,209,704 pounds. In the year of the last census, 1909, only 3,957 farms reported growing hops; the acreage was reduced to 44,693 and the production was 40,718,748 pounds. The table compares the year 1899 with 1909.

State.	1899. Acre- age.	1909. Acre- age.	1899. Pro- duction.	1909. Pro- duction.
ALA.	1	2	440	100
ARIZ.	1	.....	600	.....
ARK.	1	.....	530	.....
CALIF.	6,890	8,391	10,124,650	11,994,933
DEL.	.....	1	.....	23
IDAHO.	63	.....	58,870	110
ILL.	2	.....	690	86
IND.	1	.....	640	56
IOWA.	.....	.....	120	2,625
KAS.	.....	.....	.....	10
KY.	4	6	1,688	4,005
LA.	.....	.....	.....	5
MD.	.....	7	230	461
MASS.	13	.....	7,480	20
MICH.	10	.....	3,560	58
MINN.	.....	.....	51	372
MISS.	.....	.....	15	.....
MO.	1	2	383	296
NEB.	.....	.....	100	104
NEV.	.....	.....	.....	.....
N. H.	.....	.....	.....	.....
N. J.	.....	.....	75	38
N. Y.	27,532	12,023	17,332,349	8,677,138
N. C.	.....	1	85	763
OHIO.	3	18	2,910	2,428
ORE.	15,433	21,770	14,675,557	16,582,562
PENN.	13	.....	13,710	2,203
R. I.	.....	.....	40	.....
S. D.	.....	.....	50	.....
TENN.	.....	.....	307	220
VT.	6	.....	4,400	.....
VA.	.....	6	165	4,039
WASH.	5,296	2,433	6,813,830	3,432,504
W. VA.	1	.....	662	257
WIS.	342	30	165,346	13,290
Total	55,613	44,693	49,209,704	40,718,748

HOPS, 1917.

State.	Yield		
	Planted, Acres.	Per Acres.	Produc- tion, Pounds.
N. Y.	4,500	640	2,880,000
WASH.	3,500	1,200	4,200,000
ORE.	10,000	500	5,000,000
CALIF.	11,900	1,320	15,788,000
Total	29,900	9,294	27,788,000

LIVE STOCK ON FARMS.

Totals For Census Years and Showing Comparisons From Year to Year.

These figures represent the number of horses, mules, dairy cows, stockers and beef cattle, sheep and swine, as shown by the Census of 1900 and 1910 and estimated since then by the United States Department of Agriculture:

Date.	Number.
DAIRY COWS IN THE U. S.	
Census, 1850...	6,385,094
Census, 1860...	8,585,735
Census, 1870...	8,935,332
Census, 1880...	12,443,120
Census, 1890...	16,511,950
Census, 1900...	17,139,674
Census, 1910...	20,625,000
Jan. 1, 1911...	20,823,000
Jan. 1, 1912...	20,699,000
Jan. 1, 1913...	20,497,000
Jan. 1, 1914...	20,737,000
Jan. 1, 1915...	21,262,000
Jan. 1, 1916...	22,108,000
Jan. 1, 1917...	22,894,000
Jan. 1, 1918...	23,284,000
STOCKERS AND BEEF CATTLE.	
Census, 1850...	4,393,813
Census, 1860...	17,034,284
Census, 1870...	14,885,276
Census, 1880...	23,382,391
Census, 1890...	34,851,622
Census, 1900...	50,682,662
Census, 1910...	41,178,000
Jan. 1, 1911...	39,679,000
Jan. 1, 1912...	37,260,000
Jan. 1, 1913...	36,030,000
Jan. 1, 1914...	35,855,000
Jan. 1, 1915...	37,067,000
Jan. 1, 1916...	39,812,000
Jan. 1, 1916...	41,689,000
Jan. 1, 1918...	43,546,000
TOTAL CATTLE IN THE U. S.	
Census, 1850...	10,778,907
Census, 1860...	25,620,019
Census, 1870...	23,820,608
Census, 1880...	35,825,511
Census, 1890...	51,363,572
Census, 1900...	67,822,336
Census, 1910...	61,803,000
Jan. 1, 1911...	60,502,000
Jan. 1, 1912...	57,959,000
Jan. 1, 1913...	56,527,000
Jan. 1, 1914...	56,592,000
Jan. 1, 1915...	58,329,000
Jan. 1, 1916...	61,920,000
Jan. 1, 1917...	64,583,000
Jan. 1, 1918...	66,830,000
SWINE IN THE U. S.	
Census, 1850...	30,354,213
Census, 1860...	33,512,867
Census, 1870...	25,134,569

SWINE—Continued.

Census, 1880...	47,681,700
Census, 1890...	57,425,287
Census, 1900...	62,876,108
Census, 1910...	58,186,000
Jan. 1, 1911...	65,260,000
Jan. 1, 1912...	65,410,000
Jan. 1, 1913...	61,178,000
Jan. 1, 1914...	58,933,000
Jan. 1, 1915...	64,618,000
Jan. 1, 1916...	67,766,000
Jan. 1, 1917...	67,503,000
Jan. 1, 1918...	71,374,000

SHEEP IN THE U. S.

Census, 1850...	21,723,220
Census, 1860...	22,471,275
Census, 1870...	28,477,957
Census, 1880...	35,192,074
Census, 1890...	40,876,312
Census, 1890...	60,503,713
Census, 1910...	52,448,000
Jan. 1, 1911...	53,633,000
Jan. 1, 1912...	52,362,000
Jan. 1, 1913...	51,482,000
Jan. 1, 1914...	49,719,000
Jan. 1, 1915...	49,956,000
Jan. 1, 1916...	48,625,000
Jan. 1, 1917...	47,616,000
Jan. 1, 1918...	48,900,000

HORSES IN THE U. S.

Census, 1850...	4,336,719
Census, 1860...	6,249,174
Census, 1870...	7,145,370
Census, 1880...	10,357,488
Census, 1890...	15,258,783
Census, 1900...	18,250,000
Census, 1910...	19,833,000
Jan. 1, 1911...	20,277,000
Jan. 1, 1912...	20,509,000
Jan. 1, 1913...	20,567,000
Jan. 1, 1914...	20,962,000
Jan. 1, 1915...	21,195,000
Jan. 1, 1916...	21,159,000
Jan. 1, 1917...	21,210,000
Jan. 1, 1918...	21,563,000

MULES IN THE U. S.

Census, 1850...	559,331
Census, 1860...	1,151,148
Census, 1870...	1,215,415
Census, 1880...	1,812,908
Census, 1890...	2,314,785
Census, 1900...	3,271,121
Census, 1910...	4,210,000
Jan. 1, 1911...	4,323,000
Jan. 1, 1912...	4,362,000
Jan. 1, 1913...	4,386,000
Jan. 1, 1914...	4,419,000
Jan. 1, 1915...	4,479,000
Jan. 1, 1916...	4,593,000
Jan. 1, 1917...	4,723,000
Jan. 1, 1918...	4,824,000

Dairy Cows—Increase and Decrease.

The tabulated statement herewith represents the estimate by the United States Department of Agriculture of the number of dairy cows in the United States on January 1st, 1918. As a matter of interest we have calculated the number gained and the number lost since the census enumeration of 1910. There is also the table for 1918 upon which the calculation is based.

State.	1918.	Since 1910.	Since 1910.
Dairy Cows.	Increase.	Decrease.	
ALA.	433,000	41,000	.....
ARIZ.	87,000	58,000	.....
ARK.	425,000	.....	1,000
CALIF.	597,000	130,000	.....
COLO.	254,000	109,000	.....
CONN.	116,000	.....	7,000
DEL.	43,000	7,000	.....
FLA.	145,000	39,000	.....
GA.	435,000	29,000	.....
IDAHO.	139,000	44,000	.....
ILL.	1,057,000	7,000	.....
IND.	713,000	79,000	.....
IOWA.	1,405,000	.....	2,000
KAS.	945,000	209,000	.....
KY.	435,000	25,000	.....
LA.	324,000	45,000	.....
MAINE.	170,000	13,000	.....
MD.	181,000	24,000	.....
MASS.	154,000	.....	18,000
MICH.	874,000	107,000	.....
MINN.	1,328,000	243,000	.....
MISS.	508,000	78,000	.....
MO.	910,000	54,000	.....
MONT.	179,000	102,000	.....
NEB.	703,000	89,000	.....
NEV.	28,000	11,000	.....
N. H.	102,000	1,000	.....
N. J.	152,000	.....	2,000
N. M.	88,000	37,000	.....
N. Y.	1,524,000	14,000	.....
N. C.	309,000	.....	.....
N. D.	434,000	175,000	.....
OHIO.	940,000	35,000	.....
OKLA.	562,000	31,000	.....
OREGON.	227,000	54,000	.....
PENN.	960,000	26,000	.....
R. I.	21,000	.....	2,000
S. C.	193,000	12,000	.....
S. D.	555,000	185,000	.....
TENN.	373,000	.....	24,000
TEX.	1,128,000	114,000	.....
UTAH.	96,000	20,000	.....
VT.	295,000	30,000	.....
VA.	377,000	21,000	.....
WASH.	266,000	80,000	.....
W. VA.	245,000	5,000	.....
WIS.	1,785,000	312,000	.....
WYO.	64,000	31,000	.....
U.S.,	23,284,000;	in 1910, 20,625,000	
Increase since then.	.....	2,659,000	

Other and Beef Cattle.

This table shows the number of cattle in the United States, independent of the dairy cows. Beef cows, calves, yearlings and two-year-olds come under this classification. The estimate is dated January 1, 1918, and there is considerable gain in numbers since the last United States census was taken in 1910. We show the increase and decrease in each state since the census.

State.	Cattle.	Increase.	Decrease.
ALA.	668,000	128,000	.....
ARIZ.	1,037,000	241,000	.....
ARK.	638,000	36,000	.....
CALIF.	1,701,000	91,000	.....
COLO.	1,272,000	289,000	.....
CONN.	78,000	6,000	.....
DEL.	23,000	4,000	.....
FLA.	891,000	162,000	.....
GA.	755,000	81,000	.....
IDAHO.	488,000	120,000	.....
ILL.	1,314,000	.....	77,000
IND.	757,000	28,000	.....
IOWA.	2,919,000	.....	132,000
KAS.	2,354,000	11,000	.....
KY.	581,000	.....	10,000
LA.	578,000	52,000	.....
MAINE.	127,000	27,000	.....
MD.	134,000	13,000	.....
MASS.	97,000	17,000	.....
MICH.	752,000	21,000	.....
MINN.	1,540,000	278,000	.....
MISS.	644,000	61,000	.....
MO.	1,782,000	77,000	.....
MONT.	980,000	114,000	.....
NEB.	2,803,000	515,000	.....
NEV.	517,000	84,000	.....
N. H.	71,000	4,000	.....
N. J.	74,000	5,000	.....
N. M.	1,179,000	148,000	.....
N. Y.	1,005,000	92,000	.....
N. C.	375,000	17,000	.....
N. D.	650,000	165,000	.....
OHIO.	954,000	21,000	.....
OKLA.	1,404,000	.....	19,000
ORE.	683,000	131,000	.....
PENN.	717,000	64,000	.....
R. I.	12,000	1,000	.....
S. C.	232,000	14,000	.....
S. D.	1,438,000	273,000	.....
TENN.	554,000	.....	46,000
TEX.	4,660,000	.....	1,261,000
UTAH.	457,000	121,000	.....
VT.	189,000	24,000	.....
VA.	510,000	7,000	.....
WASH.	294,000	78,000	.....
W. VA.	373,000	.....	7,000
WIS.	1,394,000	187,000	.....
WYO.	891,000	157,000	.....
U.S.,	43,546,000	.....	.....
1910.	41,178,000	Increase,	2,368,000

In the year 1594 Sir Hugh Plat, in a book entitled "Jewel House of Art and Nature," makes useful observations on manures.

Increased production will win the war, and nothing else will do it.

Be sure to buy a Liberty Bond.

Hogs in the United States, 1918.

The hog increase since the census year 1910 stands out like a miracle, because the gain is over and above an immense marketing of hogs. Forty-six states increased in hog raising, with Iowa in the lead, the increase in that one state since the census year being 2,761,000 hogs. Kansas decreased 440,000 hogs, and Oklahoma decreased 620,000 hogs since the census year of 1910.

State.	1918. Swine.	Since 1910. In- crease.	Since 1910. De- crease.
ALA..	2,128,000	861,000	
ARIZ.	64,000	47,000	
ARK.	1,643,000	124,000	
CALIF.	974,000	207,000	
COLO.	356,000	177,000	
CONN.	64,000	12,000	
DEL..	64,000	15,000	
FLA..	1,375,000	565,000	
GA... 2,766,000		982,000	
IDAHO.	219,000	32,000	
ILL..	5,111,000	425,000	
IND..	4,168,000	553,000	
IOWA	10,307,000	2,761,000	
KAS..	2,566,000		440,000
KY...	1,716,000	324,000	
LA...	1,568,000	240,000	
MAINE.	100,000	13,000	
MD...	388,000	86,000	
MASS.	113,000	10,000	
MICH.	1,372,000	136,000	
MINN.	2,241,000	721,000	
MISS.	1,902,000	610,000	
MO...	4,708,000	270,000	
MONT.	215,000	116,000	
NEB..	4,200,000	764,000	
NEV..	37,000	14,000	
N. H..	56,000	11,000	
N. J..	174,000	27,000	
N. M.	86,000	40,000	
N. Y.	842,000	17,600	
N. C..	1,464,000	236,000	
N. D.	507,000	175,000	
OHIO.	3,774,000	668,000	
OKLA.	1,219,000		620,000
OREGON.	309,000	91,000	
PENN.	1,291,000	313,000	
R. I..	16,000	2,000	
S. C..	966,000	301,000	
S. D..	1,504,000	494,000	
TENN.	1,634,000	246,000	
TEXAS.	3,068,000	832,000	
UTAH.	102,000	42,000	
VT...	120,000	25,000	
VA...	1,105,000	307,000	
WASH.	283,000	77,000	
W. VA.	422,000	94,000	
WIS..	2,019,000	210,000	
WYO.	54,000	20,000	
1910..	58,186,000		
U. S...	71,374,000	13,188,000	

Increased production will win the war, and nothing else will do it.

Sheep in the United States, 1918.

This particular statement is the estimate of the United States Department of Agriculture of the number of sheep in the United States, January, 1918. We have added to it by making a statement showing the increase or decrease by states since the enumeration by the census of the year 1910.

State.	1918.	Since 1910. Sheep.	Since 1910. Increase.	Since 1910. Decrease.
ALA...	131,000			12,000
ARIZ..	1,550,000	323,000		
ARK..	149,000	5,000		
CALIF.	2,776,000	359,000		
COLO..	2,086,000	660,000		
CONN..	20,000			2,000
DEL...	10,000	2,000		
FLA...	120,000	6,000		
GA...	144,000			44,000
IDAHO	3,302,000	191,000		
ILL...	988,000			72,000
IND...	998,000			339,000
IOWA..	1,224,000	78,000		
KAS...	418,000	146,000		
KY...	1,270,000			93,000
LA...	209,000	31,000		
MAINE.	163,000			43,000
MD...	234,000			3,000
MASS..	28,000			5,000
MICH..	1,926,000			380,000
MINN..	568,000			70,000
MISS..	174,000			21,000
MO...	1,466,000			345,000
MONT.	3,045,000			2,336,000
NEB...	408,000	114,000		
NEV...	1,630,000	475,000		
N. H...	37,000			7,000
N. J...	26,000			5,000
N. M...	3,135,000			212,000
N. Y...	840,000			90,000
N. C...	137,000			77,000
N. D...	252,000			41,000
OHIO..	3,091,000			818,000
OKLA.	208,000	146,000		
ORE...	2,448,000			151,000
PENN.	913,000	30,000		
R. I...	6,000			1,000
S. C...	31,000			7,000
S. D...	750,000	139,000		
TENN..	606,000			89,000
TEXAS	2,188,000			379,000
UTAH.	2,340,000	513,000		
VT...	106,000			13,000
VA...	686,000			119,000
WASH.	661,000	185,000		
W. VA.	751,000			159,000
WIS...	651,000			279,000
WYO...	4,100,000			1,297,000
1918 U. S.	48,900,000			
U. S. 1910.	52,444,000			decrease, 3,544,000.

In the year 1555, in reporting his observations, Sir Ralph Lane, the English Administrator in America, said that the grapes of Virginia were larger than those of France, Spain or Italy. Sir Ralph Lane was the first Governor of Virginia.

Horses in the U. S., 1918.

The following tabulated statement represents the estimate of the United States Department of Agriculture of the number of horses in the United States on January 1st, 1918. To these government figures we have made a calculation, showing the increase or decrease in each state from the figures of the 1910 census.

State.	1918. Horses.	Since 1910. In-crease.	Since 1910. De-crease.
ALA.....	153,000	17,000	.....
ARIZ....	135,000	35,000	.....
ARK.....	275,000	20,000	.....
CALIF....	468,000	.....	1,000
COLO....	399,000	105,000	.....
CONN....	45,000	.....	1,000
DEL.....	36,000	3,000	.....
FLA.....	62,000	16,000	.....
GA.....	130,000	10,000	.....
IDAHO...	258,000	60,000	.....
ILL.....	1,467,000	14,000	.....
IND.....	837,000	23,000	.....
IOWA....	1,583,000	91,000	.....
KAS.....	1,142,000	.....	5,000
KY.....	443,000	.....	.....
LA.....	207,000	26,000	.....
MAINE...	109,000	1,000	.....
MD.....	171,000	15,000	.....
MASS....	57,000	.....	7,000
MICH....	680,000	70,000	.....
MINN....	944,000	191,000	.....
MISS....	253,000	37,000	.....
MO.....	1,040,000	.....	33,000
MONT....	506,000	190,000	.....
NEB.....	1,049,000	41,000	.....
NEV.....	75,000	7,000	.....
N. H....	45,000	.....	1,000
N. J....	90,000	1,000	.....
N. M....	272,000	93,000	.....
N. Y....	597,000	6,000	.....
N. C....	187,000	21,000	.....
N. D....	842,000	191,100	.....
OHIO....	883,000	.....	27,000
OKLA....	737,000	.....	6,000
OREGON..	309,000	37,000	.....
PENN....	590,000	40,000	.....
R. I....	8,000	.....	1,000
S. C....	85,000	5,000	.....
S. D....	811,000	142,000	.....
TENN....	350,000	.....	.....
TEXAS...	1,212,000	42,000	.....
UTAH....	145,000	29,000	.....
VT.....	89,000	8,000	.....
VA.....	365,000	35,000	.....
WASH....	309,000	28,000	.....
W. VA...	196,000	16,000	.....
WIS.....	708,000	93,000	.....
WYO....	209,000	53,000	.....

1918 U.S.21,563,000 1,730,000
1910 U.S.19,833,000

Mules on Farms, 1918.

The following tabulation shows the estimate of the number of mules in the United States on January 1st, 1918, together with comparisons since the census of 1910. The comparisons show a decided increase in the number of mules, notwithstanding the exports have been very large.

State.	1918. Mules.	Since 1910. In-crease.	Since 1910. De-crease.
ALA.....	289,000	42,000	.....
ARIZ....	9,000	5,000	.....
ARK.....	263,000	41,000	.....
CALIF....	66,000	.....	4,000
COLO....	26,000	11,000	.....
DEL.....	6,000	.....	.....
FLA.....	33,000	10,000	.....
GA.....	334,000	39,000	.....
IDAHO...	4,000	.....	.....
ILL.....	150,000	2,000	.....
IND.....	95,000	13,000	.....
IOWA....	60,000	13,000	.....
KAS.....	280,000	72,000	.....
KY.....	224,000	.....	1,000
LA.....	156,000	24,000	.....
MD.....	25,000	2,000	.....
MICH....	4,000	.....	.....
MINN....	6,000	.....	.....
MISS....	307,000	51,000	.....
MO.....	367,000	24,000	.....
MONT....	5,000	1,000	.....
NEB.....	118,000	35,000	.....
NEV.....	3,000	.....	.....
N. J....	4,000	.....	.....
N. M....	19,000	4,000	.....
N. Y....	5,000	.....	.....
N. C....	207,000	32,000	.....
N. D....	9,000	1,000	.....
OHIO....	26,000	3,000	.....
OKLA....	276,000	19,000	.....
OREGON..	10,000	.....	.....
PENN....	48,000	4,000	.....
S. C....	179,000	23,000	.....
S. D....	16,000	4,000	.....
TENN....	273,000	.....	3,000
TEXAS...	508,000	122,000	.....
UTAH....	2,000	.....	.....
VA.....	65,000	5,000	.....
WASH....	19,000	7,000	.....
W. VA...	12,000	.....	.....
WIS.....	3,000	.....	.....
WYO.....	4,000	2,000	.....

U. S. 1918..4,824,000 614,000
Census1910.4,210,000

In the great famine in England in 1555, wild fitches kept many farmers and others from starving. Fitches are the fennel flower, a coarse kind of pea, hard but nutritious.

Be sure to buy a Liberty Bond.

A Liberty Bond at 4¼ per cent. is a slashing good investment.

Earliest planting of fruit by white men in North America was in 1562. The Spaniards under Menendez planted orange trees at St.Augustine, Florida.

Chickens and Turkeys.

In the year 1900, in the United States, there were 233,566,021 chickens counted by the census enumerators, and in 1910 the number of chickens was increased to 280,345,133. In the year 1910 chickens were raised on 5,578,525 farms, which is 87.7 per cent. of all farms. In the year 1900 there were 6,594,695 turkeys in the United States, but in 1910 the number was reduced to 3,668,708. In the year 1910 turkeys were on 871,123 farms, which is 13.7 per cent. of all farms.

State.	Farms Report- ing.	Chickens, Number.	Farms Report- ing.	Turkeys, Number.
ALA...	221,103	4,539,066	22,350	84,487
ARIZ...	5,020	252,657	836	5,408
ARK...	183,480	5,182,670	20,955	83,550
CALIF.	66,063	5,666,054	11,927	116,602
COLO.	34,433	1,644,578	5,692	26,430
CONN.	23,163	1,218,128	905	3,911
DEL...	10,000	785,591	2,119	8,181
D. C...	159	7,405	6	29
FLA...	40,377	1,239,680	4,672	22,871
GA...	244,453	4,890,069	23,128	79,634
IDAHO	23,412	1,012,431	2,975	14,274
ILL...	227,674	20,563,890	43,326	189,418
IND...	202,321	13,216,152	48,180	202,977
IA...	204,374	22,691,670	26,866	124,164
KAS...	162,094	16,266,250	22,796	104,421
KY...	231,031	8,900,457	46,920	188,292
LA...	98,304	3,259,087	12,473	53,251
ME...	46,185	1,704,900	915	2,948
MD...	46,008	2,650,750	14,728	60,260
MI...	46,008	2,650,750	14,728	60,260
MASS...	28,021	1,710,989	692	2,645
MICH.	189,320	9,698,439	20,710	81,263
MINN.	142,582	10,292,849	31,750	147,335
MISS...	221,153	4,563,464	22,226	92,448
MO...	259,457	19,910,562	67,522	311,575
MONT.	17,595	922,540	3,481	16,475
NEB...	115,512	9,010,945	8,292	32,364
NEV...	1,977	126,599	478	2,839
N. H...	20,868	903,413	489	1,949
N. J...	30,078	2,012,842	2,379	31,773
N. M...	19,496	509,892	1,547	7,308
N. Y...	192,488	7,312,386	25,064	104,957
N. C...	223,458	4,566,928	16,690	70,009
N. D...	61,452	3,095,026	14,040	62,261
OHIO...	253,611	9,011,144	43,019	162,661
OKLA.	168,464	8,041,945	27,929	120,324
ORE...	37,080	1,753,732	4,434	26,689
PENN.	205,032	11,896,124	40,126	136,942
R. I...	4,315	392,704	161	1,109
S. C...	146,487	2,694,970	19,454	64,396
S. D...	61,492	4,924,349	10,832	51,992
TENN.	222,448	7,341,473	32,016	118,514
TEX...	356,877	12,719,692	76,429	363,666
UTAH...	17,424	673,662	1,684	7,996
VT...	27,464	911,781	2,456	11,693
VA...	169,391	5,684,703	39,024	148,386
WASH.	44,867	2,204,171	3,557	16,049
W. VA.	89,089	3,106,907	18,762	71,072
WIS...	163,043	9,142,719	15,764	65,020
WYO...	7,047	324,984	1,333	5,883
Total.	5,578,525	280,345,133	871,123	3,688,708

Ducks and Geese.

In the year 1900 the enumerators of the census reported 4,785,850 ducks in the United States, but in 1910 the number was reduced to 2,906,525. In 1910 there were 503,704 farms raising ducks, which is 7.9 per cent. of all farms. In 1910 the total of geese was 5,676,783 and the total of 1910 was 4,431,980, there being 662,324 farms raising geese, which is 10.4 per cent. of all farms. Herewith we present the statement of ducks and geese according to the last census.

State.	Farms Report- ing.	Number of Ducks.	Farms Report- ing.	Number of Geese.
ALA...	10,094	59,227	17,992	142,519
ARIZ...	295	1,824	87	701
ARK...	18,323	109,483	38,095	343,995
CALIF.	3,606	40,061	760	14,195
COLO...	2,436	12,250	1,053	4,455
CONN.	1,748	9,813	958	4,200
DEL...	1,884	9,790	1,019	5,111
D. C...	17	127	1	40
FLA...	823	6,218	2,985	29,556
GA...	7,515	42,321	18,194	171,625
IDAHO	1,790	8,900	842	8,842
ILL...	37,439	201,505	42,763	226,546
IND...	19,427	121,306	21,734	139,081
IOWA...	40,771	225,284	44,495	215,221
KAS...	18,417	114,032	17,466	95,222
KY...	16,651	98,706	43,380	399,932
LA...	7,671	51,473	14,167	121,534
ME...	1,519	6,311	1,057	4,021
MD...	8,753	50,232	4,909	23,606
MASS...	1,888	23,153	896	12,313
MICH...	14,214	54,723	18,180	66,792
MINN...	23,692	94,269	27,866	105,161
MISS...	10,118	44,228	28,613	236,791
MO...	25,047	155,129	44,777	365,866
MONT.	1,680	8,243	7,013	7,013
NEB...	17,672	92,524	20,604	89,128
NEV...	221	1,139	510	510
N. H...	694	3,572	356	1,438
N. J...	3,972	39,441	1,900	9,166
N. M...	537	2,693	151	779
N. Y...	16,604	166,038	7,647	29,310
N. C...	13,396	75,786	20,189	238,205
N. D...	10,131	39,938	8,009	30,456
OHIO...	21,288	106,958	24,121	112,706
OKLA.	16,462	112,986	13,224	113,594
ORE...	1,976	10,757	842	14,109
PENN.	23,502	163,777	13,102	46,321
R. I...	458	4,519	266	2,725
S. C...	3,623	15,653	8,125	59,664
S. D...	16,281	87,544	13,623	59,991
TENN...	21,922	142,292	41,906	366,687
TEX...	14,007	74,910	26,809	244,997
UTAH...	891	3,782	609	2,938
VT...	1,252	4,561	677	2,505
VA...	16,561	94,451	12,460	79,093
WASH.	2,558	13,179	586	14,858
W. VA.	6,776	35,576	10,447	72,972
WIS...	16,434	61,180	25,287	93,782
WYO...	744	3,411	1,708	1,708
Total.	503,704	2,906,525	662,324	4,431,980

The History of Plants.

In 1597 John Gerarde published his Herbal or General History of Plants. Born in 1545 and educated as a surgeon, his tastes led him to study the cultivation of plants. His garden at Holborn (now in the center of London), England, excelled any in that country. His book was the standard in botany for a hundred years.

About 1610, King James I., of England, purchased a celebrated Arabian horse from a merchant named Markham, for which he paid five hundred pounds.

Importation of Hogs.

The London Company imported swine into Virginia in 1609, and they increased so fast that in 1627 the colony was in danger of being overrun with them, while the Indians fattened themselves on pork from the hogs that had become wild from running at large in the woods.

Robert Bakewell, of England, commenced the improvement of sheep in the year 1600, establishing a breed of Leicesters, also advocating grand principles of breeding by selection. He also improved the Longhorn cattle of Leicestershire.

Cattle Sold and Slaughtered.

Once in ten years we are able to make an examination of the number of live stock sold from the farms of the United States. This tabulation is for cattle only, not including calves, but including dry dairy cows and worn-out oxen when sold. There is also an enumeration, state by state, showing the number of cattle slaughtered on the farms. The statement is for the last census year, when there were 20,625,000 dairy cows and 41,178,000 other cattle in the United States.

State.	Farms Reporting.	Cattle Sold.	Farms Reporting.	Cattle Slaughtered.
ALA...	48,398	198,226	15,800	42,964
ARIZ...	1,988	146,852	942	10,773
ARK...	62,031	379,676	11,189	38,088
CALIF.	19,775	548,920	4,054	36,319
COLO...	11,013	437,215	5,467	26,818
CONN...	7,979	56,564	1,743	8,756
DEL...	1,805	7,070	150	551
D. COL.	37	344	2	8
FLA...	6,015	60,773	3,359	22,012
GA...	32,467	112,127	10,506	37,605
IDAHO	7,320	145,948	1,330	12,216
ILL...	106,050	1,029,835	19,120	38,466
IND...	82,019	463,825	14,877	27,122
IOWA...	128,657	2,130,255	48,883	73,454
KAS...	75,654	1,560,620	18,999	30,660
KY...	74,343	535,429	6,497	19,011
LA...	20,903	139,319	10,215	26,209
ME...	19,842	83,932	4,513	18,755
MD...	11,866	56,863	3,080	5,870
MASS...	9,927	81,661	2,021	13,521
MICH...	82,230	319,063	19,852	43,619
MINN...	79,284	442,034	47,403	79,226
MISS...	46,709	252,778	14,056	34,056
MO...	119,955	1,300,754	18,269	32,409
MONT.	6,275	272,996	4,133	19,755
NEB...	64,123	1,221,743	27,211	42,083
NEV...	981	101,190	810	11,217
N. H...	8,750	30,954	1,377	9,116
N. J...	5,541	206,347	3,937	16,316
N. Y...	82,443	451,265	26,858	68,793
N. C...	49,090	163,015	13,201	36,132
N. D...	24,736	159,392	19,714	31,570
OHIO...	104,220	558,420	30,912	54,040
OKLA...	64,937	939,546	8,808	23,043
ORE...	13,973	249,733	5,946	24,292
PENN...	80,961	368,687	44,877	88,505
R. I...	1,573	11,177	203	6,699
S. C...	19,668	57,301	5,782	17,657
S. D...	32,328	519,607	16,959	28,475
TENN...	83,836	504,891	10,838	33,483
TEX...	117,934	2,535,219	17,248	64,031
UTAH...	5,950	110,780	2,214	8,208
VT...	17,499	145,955	6,450	18,832
VA...	41,915	314,955	8,487	20,658
WASH.	13,335	94,368	7,370	25,087
W. VA.	39,132	257,733	8,226	18,753
WIS...	90,924	417,796	33,169	51,040
WYO...	3,249	198,970	2,059	9,810
Total	2,035,910	20,572,997	593,285	1,408,640

Potato Harvest Periods.

According to Agricultural Department reports there will be 30,000,000 more bushels of potatoes harvested in July and August, 1917, than last year in same period, and during the balance of the year the increase will be 133,000,000 bushels.

	Harvest Period.		1917 (Forecast).	
	Per Ct.	Bushels.	Per Ct.	Bushels.
Jan. 1 to June 30.	5.0	14,255,000	4.0	18,279,000
July 1 to Aug. 31.	20.8	59,270,000	19.8	89,424,000
Sept. 1 to Dec. 31.	74.2	211,942,000	76.2	344,014,000
	100.0	285,437,000	100.0	451,717,000

Previous to the year 1850 practically

Calves Sold and Slaughtered.

The enumeration of calves sold from farms and calves slaughtered on farms is the official statement of the last census year. At the time the census was taken the total of all kinds and classes of cattle remaining on farms in the United States was 61,803,000 head, and the total is not far different in the year 1916. It must be remembered that many calves sold by farmers have been matured and fattened for market by other farmers.

State.	Farms Reporting.	Calves Sold.	Farms Reporting.	Calves Slaughtered.
ALA...	15,349	30,694	4,354	7,872
ARIZ...	659	7,525	171	1,144
ARK...	29,918	86,253	3,028	8,379
CALIF.	16,882	147,467	4,767	50,538
COLO...	4,802	33,934	2,591	11,557
CONN...	9,014	66,477	622	6,915
DEL...	4,481	19,292	54	414
D. COL.	65	416	5	28
FLA...	584	2,537	216	1,569
GA...	19,558	39,507	9,154	22,323
IDAHO	4,113	19,098	1,801	4,789
ILL...	89,410	410,590	11,125	81,079
IND...	83,363	251,470	5,474	21,731
IOWA...	47,028	256,071	7,286	18,235
KAS...	47,826	281,398	7,416	11,536
KY...	53,351	140,896	2,021	4,516
LA...	4,166	15,490	1,040	2,667
ME...	21,607	98,577	2,874	27,396
MD...	22,369	92,359	431	2,110
MASS...	12,412	95,486	995	14,187
MICH...	84,626	293,525	16,091	61,896
MINN...	40,529	176,929	8,204	80,493
MISS...	14,299	32,218	3,227	5,757
MO...	76,353	254,702	4,463	8,779
MONT.	1,687	18,389	1,854	8,748
NEB...	18,056	96,821	3,195	5,458
NEV...	220	3,655	217	1,416
N. H...	9,592	64,347	1,137	10,650
N. J...	16,478	112,885	622	14,025
N. M...	2,619	16,169	1,222	3,658
N. Y...	105,766	814,704	26,604	212,962
N. C...	28,530	52,137	5,964	14,602
N. D...	7,694	22,263	7,992	14,419
OHIO...	100,676	362,046	7,791	31,180
OKLA...	32,735	132,870	3,128	5,715
ORE...	6,181	30,473	9,339	40,756
PENN...	105,371	469,663	14,398	68,936
R. I...	1,395	9,653	56	1,175
S. C...	7,888	14,541	2,461	6,669
S. D...	8,970	48,863	4,326	7,034
TENN...	46,097	114,620	2,916	9,548
TEX...	59,030	512,442	8,500	22,445
UTAH...	5,173	20,754	1,233	5,312
VT...	11,216	102,781	5,147	41,375
VA...	49,124	119,002	2,022	5,086
WASH.	7,035	30,291	10,345	44,238
W. VA.	25,143	58,815	1,282	5,108
WIS...	100,723	647,915	28,716	93,167
WYO...	1,010	13,716	431	1,948
Total	1,461,173	6,742,748	268,508	1,131,600

all the cheese made in this country was a farm and not a factory product.

EARLY CABBAGE ACREAGE.

The area planted to early cabbage in six Southern States is estimated to be 33,500 acres, as compared with 17,600 acres in 1916, an increase of about 90 per cent. This estimate is based upon reports to the Truck Crop Specialist of the Bureau of Crop Estimates from Virginia, South Carolina, Florida, Alabama, Mississippi and Texas, the principal early cabbage sections of the South. Detailed estimates by states follow:

State.	1915.	1916.	1917.
Acre.	Acre.	Acre.	
VIRGINIA.....	4,100	4,200	5,200
SOUTH CAROLINA...	2,300	2,300	4,100
FLORIDA.....	3,400	4,500	9,300
ALABAMA.....	1,100	1,000	1,400
MISSISSIPPI.....	1,200	1,200	1,800
TEXAS.....	4,100	4,400	11,700
Total.....	16,200	17,600	33,500

Swine Sold by Farmers.

During the last census year from 1,841,229 farms in the United States 37,500,158 hogs were sold by farmers and the valuation reported was \$12.35 per head. The number of hogs on farms at that time by the census count was 58,188,000 head, or practically 65 per cent. of the supply.

State.	No. of Farms Reporting.	Per Cent. of Farms	Animals Sold.	Value Per Head.
ALA.	22,552	8.6	123,078	\$ 3.97
ARIZ.	489	5.3	9,780	8.42
ARK.	31,239	14.6	376,466	5.90
CALIF.	13,605	15.4	478,678	10.16
COLO.	5,398	11.7	124,667	11.15
CONN.	2,272	18.5	29,878	5.83
DEL.	1,978	18.3	20,979	5.35
DIST. COL.	5	2.3	17	11.35
FLA.	4,075	8.1	60,528	3.60
GA.	20,368	7.0	136,651	3.80
IDAHO.	5,584	18.1	150,230	11.37
ILL.	139,516	55.4	3,745,309	14.21
IND.	119,815	55.6	3,030,547	12.60
IOWA.	152,542	70.3	5,524,519	15.51
KAS.	97,836	55.0	2,857,924	14.05
KY.	69,704	26.9	1,160,301	9.17
LA.	6,015	5.0	61,794	5.73
ME.	10,628	17.7	88,167	7.58
MD.	11,425	23.4	143,415	5.74
MASS.	3,885	10.5	63,930	8.31
MICH.	85,168	41.2	981,880	11.02
MINN.	74,047	47.4	1,038,711	13.48
MISS.	17,470	6.4	88,599	4.16
MO.	153,372	55.3	4,425,428	11.58
MONT.	2,205	8.4	37,471	9.73
NEB.	78,646	60.7	2,495,969	15.41
NEV.	432	15.4	9,660	8.87
N. H.	4,067	15.0	43,008	7.70
N. J.	4,875	14.6	88,639	6.75
N. M.	2,047	5.7	20,286	6.51
N. Y.	44,582	20.7	467,915	6.40
N. C.	35,461	14.0	246,796	3.49
N. D.	14,743	19.8	115,414	11.71
OHIO.	122,902	45.2	2,317,507	12.38
OKLA.	71,176	37.4	1,591,469	11.06
OREGON.	8,148	17.9	129,641	10.91
PENN.	58,438	26.6	579,136	6.65
R. I.	409	7.7	7,725	6.64
S. C.	12,389	7.0	80,633	4.31
S. D.	32,575	42.0	721,838	15.01
TENN.	74,122	30.1	1,082,134	7.84
TEXAS.	66,661	16.0	742,769	7.75
UTAH.	2,859	13.2	30,072	7.73
VT.	9,781	29.9	93,720	8.53
VA.	30,957	16.8	293,493	5.38
WASH.	7,702	13.8	121,886	10.00
W. VA.	18,464	19.8	121,650	5.51
WIS.	88,056	49.7	1,389,717	12.90
WYO.	837	7.6	10,740	10.40
Total...	1,841,299	28.9	37,500,158	\$12.35

Swine Slaughtered on Farms.

During the last census year on 3,643,546 farms in the United States 15,378,517 hogs were slaughtered, and the farmers reported the value to be \$19.37 per head. The number of hogs on farms at that time by the census count was 58,186,000 head, or practically one hog in four.

State.	No. of Farms Reporting.	Per Cent. of All Farms.	Animals Slaughtered.	Value Per Head.
ALA.	137,036	52.1	581,615	\$12.16
ARIZ.	816	8.8	3,299	13.37
ARK.	113,636	52.9	616,350	11.10
CALIF.	15,337	17.4	82,270	12.80
COLO.	12,339	26.7	52,081	15.53
CONN.	7,975	29.7	25,038	19.86
DEL.	6,636	61.2	27,583	19.84
DIST. COL.	39	18.0	383	19.37
FLA.	25,915	51.8	294,753	8.05
GA.	154,935	53.2	860,409	11.31
IDAHO.	10,470	34.0	47,437	13.90
ILL.	172,486	68.5	762,545	16.95
IND.	152,287	70.7	646,581	16.26
IOWA.	147,246	67.8	507,167	16.03
KAS.	112,110	63.0	377,566	16.50
KY.	168,483	65.0	733,642	15.11
LA.	48,727	40.4	287,447	8.51
ME.	24,404	40.7	47,319	22.68
MD.	32,931	67.3	180,406	15.79
MASS.	7,183	19.5	27,754	19.35
MICH.	114,104	55.1	381,247	15.41
MINN.	100,583	64.4	314,597	15.60
MISS.	128,043	46.7	498,659	12.66
MO.	200,247	72.2	949,318	15.18
MONT.	5,104	19.5	33,143	14.88
NEB.	81,292	62.7	261,535	16.00
NEV.	673	25.0	13,366	15.96
N. H.	9,658	35.7	22,563	22.16
N. J.	13,906	41.5	73,709	17.90
N. M.	6,677	18.7	21,929	12.19
N. Y.	107,276	49.8	386,264	17.57
N. C.	166,636	65.7	783,247	13.59
N. D.	37,893	51.0	136,227	15.82
OHIO.	182,236	67.0	768,195	17.03
OKLA.	104,561	55.0	424,436	14.26
OREGON.	18,153	39.9	102,755	14.80
PENN.	146,868	67.0	675,939	18.63
R. I.	1,034	19.5	3,674	19.49
S. C.	86,224	48.9	309,922	13.09
S. D.	36,975	47.6	117,781	15.16
TENN.	163,764	66.6	742,123	15.49
TEXAS.	221,345	53.0	885,260	15.60
UTAH.	10,040	46.3	31,210	13.94
VT.	10,559	50.6	50,786	19.05
VA.	127,841	39.5	537,797	15.40
WASH.	18,129	32.3	92,000	15.60
W. VA.	65,798	68.1	206,701	17.82
WIS.	118,436	66.9	386,243	14.92
WYO.	2,506	22.8	13,064	15.44
Total...	3,643,546	57.3	15,378,517	\$19.37

ARGENTINE CROPS.

Consul Robertson, at Buenos Aires, South America, reports the areas sown to wheat, linseed and oats in Argentina for the agricultural year 1917-18 as follows:

Province.	Wheat, Acres.	Linseed, Acres.	Oats, Acres.
Buenos Aires.	6,114,598	533,251	2,369,731
Santa Fe.	2,303,013	1,309,653	74,131
Cordoba.	4,929,733	768,494	148,263
Entre Rios.	1,181,159	543,630	247,104
Pampa.	2,718,148	29,157	274,286
Others.	617,761	49,421	86,487
Total, 1917-18.	17,864,412	3,233,606	3,200,002
Total, 1916-17.	16,088,967	3,207,415	2,525,406

In the year 1562, the book, entitled "Five Hundred Points of Good Husbandry," by Tusser, was recommended to be taught in English Schools. It was written in verse.

First authentic record of a yield of corn produced in America by white men was forty acres in the Jamestown colony in Virginia.

Philippine Live Stock.

The Philippine Archipelago, with millions of acres of available open areas, is one of the countries in which stock raising on a large scale may be conducted, according to a report of the Department of Agriculture of the islands. It is estimated that out of a total of 120,000 square miles, 48,000 are in grass lands.

Number of Live Stock in the Philippine Islands.

Kind.	1902.	1914.	Increase.
CARABAOS.	640,871	1,147,433	506,562
CATTLE.	128,000	477,736	349,736
HOGS.	1,179,371	2,285,880	1,106,509
SHEEP.	30,428	118,010	87,582
GOATS.	124,334	592,042	467,708
HORSES.	144,171	215,826	71,655

Oil of Roses was discovered by accident in 1612, according to Langleles.

Goats and Mohair.

This is a statement of the last census (the latest available) when a reliable count was made showing where the goats are, the number of farms reporting goats, the actual number of goats, the number of farms that produce mohair and the complete state by state mohair production. The number of farms reporting goats and kids increased from 77,515 in 1900 to 82,755 in 1910. The number of goats increased from 1,870,599 in 1900 to 2,915,125 in 1910. The mohair production increased from 961,328 pounds in 1899 to 3,778,706 pounds in 1909.

State.	Farms Reporting.	Number of Goats.	Farms, Mohair, Fleece.	Pounds.
ALA.....	5,667	79,347	36	808
ARIZ.....	911	246,617	114	246,032
ARK.....	4,790	58,294	194	7,265
CALIF.....	1,714	138,413	367	282,596
COLO.....	959	31,611	40	7,894
CONN.....	35	500	12	1,009
DEL.....	35	88	1	210
D. OF C.....				
FLA.....	1,947	47,371	7	165
GA.....	6,301	89,616	25	520
IDAHO.....	98	5,719	35	16,412
ILL.....	2,040	12,435	184	14,922
IND.....	1,723	7,290	119	4,472
IOWA.....	2,400	20,664	266	29,206
KAS.....	917	8,847	95	8,805
KY.....	2,713	29,869	198	7,702
LA.....	3,554	57,102	12	1,044
MAINE.....	147	582	39	639
MD.....	198	1,182	27	1,570
MASS.....	201	1,251	35	1,695
MICH.....	686	5,080	117	5,677
MINN.....	784	4,588	131	6,929
MISS.....	4,039	45,871	36	1,303
MO.....	3,947	72,415	858	66,684
MONT.....	176	5,045	38	8,328
NEB.....	892	3,290	53	2,425
NEV.....	64	4,849	8	5,719
N. H.....	96	495	22	629
N. J.....	157	574	7	187
N. M.....	3,440	412,050	237	394,895
N. Y.....	719	3,475	74	5,412
N. C.....	4,247	35,019	56	1,020
N. D.....	294	1,074	36	470
OHIO.....	918	5,379	133	5,840
OKLA.....	1,436	25,591	129	10,503
OREGON.....	4,144	185,411	3,075	523,435
PENN.....	945	3,539	126	3,198
R. I.....	49	196	1	486
S. D.....	3,175	24,750	11	1,538
TENN.....	660	2,337	54	3,428
TEXAS.....	4,859	43,560	115	1,997,924
UTAH.....	7,937	1,135,244	1,544	44,708
VT.....	134	29,014	21	471
VA.....	69	261	14	8,047
WASH.....	738	7,327	79	19,120
W. VA.....	417	8,621	164	8,991
WIS.....	385	5,748	117	4,133
WYO.....	863	4,875	111	14,238
Total...	82,755	2,915,125	9,186	3,778,706

The Loss in Sheep.

In the ten year period from 1900 to 1910 sheep raising was abandoned on 155,155 farms in the United States. In Wisconsin alone sheep raising was abandoned on 17,031 farms. Pennsylvania discontinued sheep raising on 18,631 farms; North Carolina, 14,244; New York, 15,795; and the state of Alabama lost the sheep on 11,271 farms. The following statement by the Census Bureau shows how many farms raising sheep were in the United States in the years 1900 and 1910:

State.	1900.	1910.	Gain.	Loss.
ALA.....	17,902	6,631	.....	11,271
ARIZ.....	602	621	19	.....
ARK.....	18,302	8,432	.....	9,870
CALIF.....	3,616	3,893	277	.....
COLO.....	1,255	1,794	539	.....
CONN.....	1,258	741	.....	517
DEL.....	466	266	.....	200
FLA.....	864	660	.....	204
GA.....	10,891	5,180	.....	5,711
IDAHO.....	1,936	2,996	1,060	.....
ILL.....	25,122	26,262	840	.....
IND.....	48,046	38,191	.....	9,855
IOWA.....	18,788	21,810	3,022	.....
KAS.....	2,095	3,143	1,048	.....
KY.....	50,835	45,707	.....	5,128
LA.....	5,470	3,677	.....	2,063
MAINE.....	18,361	11,060	.....	7,301
MD.....	6,339	6,228	.....	111
MASS.....	1,447	1,027	.....	420
MICH.....	63,339	54,865	.....	8,474
MINN.....	28,056	24,504	.....	3,492
MISS.....	14,430	5,723	.....	8,707
MO.....	38,013	44,610	5,997	.....
MONT.....	1,431	2,269	788	.....
NEB.....	2,764	3,043	279	.....
NEV.....	255	316	61	.....
N. H.....	4,202	2,236	.....	1,966
N. J.....	1,561	875	.....	686
N. M.....	2,504	1,848	.....	656
N. Y.....	40,625	24,830	.....	15,795
N. C.....	28,941	14,697	.....	14,244
N. D.....	4,957	3,723	.....	1,234
OHIO.....	73,636	71,523	.....	2,113
OKLA.....	804	877	73	.....
OREGON.....	6,696	6,394	.....	302
PENN.....	44,057	25,426	.....	18,631
R. I.....	333	242	.....	91
S. C.....	3,921	1,732	.....	2,189
S. D.....	6,392	5,155	.....	1,237
TENN.....	37,905	29,978	.....	7,927
TEXAS.....	6,416	6,929	513	.....
UTAH.....	3,544	2,419	.....	1,125
VT.....	8,533	5,033	.....	3,500
VA.....	24,732	21,497	.....	3,235
WASH.....	2,793	2,116	.....	677
W. VA.....	30,266	26,014	.....	4,252
WIS.....	47,061	30,040	.....	17,021
WYO.....	1,076	1,670	594	.....
1900—Farms Reporting Sheep.....				763,518
1910—Farms Reporting Sheep.....				608,363
Decrease in Number of Farms Reporting Sheep.....				155,155

Start your advertising campaign with the NATIONAL FARMER and STOCK GROWER of St. Louis, and you will start it well. It will not use up your appropriation; therefore you will be able to use a few other mediums.

We have gone back to the last census to obtain basic tables of fruit and nut productions. Whenever you think of these matters, be sure to refer to the productions of the census year. An actual count is only taken once in ten years.

Four and a quarter per cent. on a government bond is good interest.

LIVE STOCK IN DENMARK.

The following table, compiled from Danish official sources, shows the number of live stock in Denmark for the years 1914-1918, inclusive:

Date.	Horses.	Cattle.	Sheep.	Swine.
	Number.	Number.	Number.	Number.
1914....	567,240	2,462,862	514,908	2,496,706
1915....	525,690	2,416,471	533,000	1,918,627
1916....	515,415	2,289,996	255,000	1,983,255
1917....	538,395	2,452,853	267,979	1,980,727
1918....	510,615	2,141,684	247,213	513,012

FARM PRODUCTIONS BY STATES

Taken From Original Government
Records, State by State — Grain
Crops and Live Stock Estimates.

The following arrangement is for the purpose of showing at a glance the number of farms in each state, the average size of the farm, the farm population at the last census (to which 10 per cent. can be added), the live stock on hand according to latest (1918) complete reports, also approximately the crops of 1915, 1916 and 1917, as estimated by the United States Department of Agriculture:

ALABAMA

Has 262,901 Farms.
Average 78.9 Acres.

1,767,662 Farm Population.

1916.	LIVE STOCK.	1917.
396,000	Dairy Cows.	405,000
531,000	Other Cattle.	534,000
1,715,000	Swine.	1,850,000
119,000	Sheep.	121,000
76,361	Goats.	79,340
150,000	Horses.	150,000
281,000	Mules.	278,000
1,200	Jack Stock.	1,300

LIVE STOCK, 1918.

433,000	Dairy Cows
668,600	Other Cattle.
2,128,000	Swine.
131,000	Sheep.
153,000	Horses.
289,000	Mules.

1915	1916	CROPS.
1,200,000	1,045,000	Bu. Wheat.
66,300,000	46,688,000	Bu. Corn.
11,400,000	10,500,000	Bu. Oats.
40,000	52,000	Bu. Rye.
8,000	8,000	Bu. Rice.
1,600,000	1,800,000	Bu. White Potatoes.
7,200,000	6,290,000	Bu. Sweet Potatoes.
362,000	358,000	Tons Tame Hay.
34,000	42,000	Tons Wild Hay.
1,020,000	525,000	Bales Cotton.
100,000	60,000	Pounds Tobacco.
532,000	380,000	Barrels Apples.
2,640,000	1,110,000	Bu. Peaches.
168,000	90,000	Bu. Pears.
380,000	350,000	Pounds Wool.

1917 CROP.

1915	1916	CROPS.
930,000	Bu. Wheat.	
77,200,000	Bu. Corn.	
9,720,000	Bu. Oats.	
000	Bu. Barley.	
38,000	Bu. Rye.	
000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
12,000	Bu. Rice.	
2,952,000	Bu. White Potatoes.	
16,020,000	Bu. Sweet Potatoes.	
1,158,000	Tons Tame Hay.	
37,000	Tons Wild Hay.	
146,000	Lbs. Tobacco.	
505,000	Bales Cotton.	
16,013,000	Bu. Peanuts.	
1,453,000	Bu. Apples.	
1,830,000	Bu. Peaches.	
80,000	Bu. Pears.	

ARIZONA

Has 9,227 Farms.
Average 135.1 Acres.

141,004 Farm Population.

1916.	LIVE STOCK.	1917.
53,000	Dairy Cows.	81,000
838,000	Other Cattle.	864,000
40,000	Swine.	80,000
1,849,000	Sheep.	1,632,000
216,327	Goats.	280,000
121,000	Horses.	129,000
7,000	Mules.	8,000
7,100	Jack Stock.	7,200

LIVE STOCK, 1918.

87,000	Dairy Cows.
1,037,000	Other Cattle.
64,000	Swine.
1,550,000	Sheep.
135,000	Horses.
9,000	Mules.

1916. CROPS.

1915.	1916.	CROPS.
1,092,000	1,160,000	Bu. Wheat.
600,000	770,000	Bu. Corn.
333,000	338,000	Bu. Oats.
1,295,000	1,120,000	Bu. Barley.
95,000	115,000	Bu. White Potatoes.
470,000	627,000	Tons Tame Hay.
10,000	14,000	Tons Wild Hay.
40,000	46,000	Barrels Apples.
60,000	56,000	Bu. Peaches.
22,000	18,000	Bu. Pears.
5,985,000	5,950,000	Pounds Wool.

1917 CROP.

825,000	Bu. Wheat.
864,000	Bu. Corn.
400,000	Bu. Oats.
1,155,000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
420,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
550,000	Tons Tame Hay.
18,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
152,000	Bu. Beans.
1,980,000	Bu. Kafir.
135,000	Bu. Apples.
60,000	Bu. Peaches.
21,000	Bu. Pears.

ARKANSAS

Has 214,678 Farms.
Average 81.8 Acres.

1,371,768 Farm Population.

1916.	LIVE STOCK.	1917.
402,000	Dairy Cows.	402,000
523,000	Other Cattle.	550,000
1,589,000	Swine.	1,575,000
124,000	Sheep.	124,000
50,938	Goats.	58,000
270,000	Horses.	275,000
240,000	Mules.	250,000
3,000	Jack Stock.	3,100

LIVE STOCK, 1918.

425,000	Dairy Cows.
638,000	Other Cattle.
1,643,000	Swine.
149,000	Sheep.
275,000	Horses.
263,000	Mules.

1916 CROPS.

1915	1916	CROPS.
2,750,000	2,940,000	Bu. Wheat.
62,100,000	45,135,000	Bu. Corn.
10,125,000	7,350,000	Bu. Oats.
10,000	10,000	Bu. Rye.
4,840,000	6,312,000	Bu. Rice.
2,520,000	1,625,000	Bu. White Potatoes.
3,900,000	3,185,000	Bu. Sweet Potatoes.
560,000	469,000	Tons Tame Hay.
127,000	92,000	Tons Wild Hay.
816,002	1,145,000	Bales Cotton.
300,000	250,000	Pounds Tobacco.
1,185,000	1,018,000	Barrels Apples.
5,940,000	2,520,000	Bu. Peaches.
135,000	68,000	Bu. Pears.
385,000	350,000	Pounds Wool.

1917 CROP.

3,360,000	Bu. Wheat.
67,200,000	Bu. Corn.
9,520,000	Bu. Oats.
000	Bu. Barley.
27,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
5,994,000	Bu. Rice.
2,400,000	Bu. White Potatoes.
4,400,000	Bu. Sweet Potatoes.
573,000	Tons Tame Hay.
99,000	Tons Wild Hay.
210,000	Lbs. Tobacco.
895,000	Bales Cotton.
1,110,000	Bu. Peanuts.
2,683,000	Bu. Apples.
840,000	Bu. Peaches.
102,000	Bu. Pears.

CALIFORNIA

Has 88,197 Farms.
Average 316.7 Acres.

907,810 Farm Population.

1916.	LIVE STOCK.	1917.
568,000	Dairy Cows.	591,000
1,554,000	Other Cattle.	1,636,000
947,000	Swine.	994,000
2,450,000	Sheep.	2,524,000
120,829	Goats.	138,000
493,000	Horses.	468,000
70,000	Mules.	70,000
2,500	Jack Stock.	2,600

LIVE STOCK, 1918.

597,000	Dairy Cows.
1,701,000	Other Cattle.
974,000	Swine.
2,776,000	Sheep.
468,000	Horses.
66,000	Mules.

1915 1916 CROPS.

7,010,000	5,600,000 Bu. Wheat.
2,624,000	2,048,000 Bu. Corn.
6,963,000	6,500,000 Bu. Oats.
39,440,000	32,320,000 Bu. Barley.
112,000	104,000 Bu. Rye.
2,268,000	4,543,000 Bu. Rice.
10,140,000	10,575,000 Bu. White Potatoes.
810,000	960,000 Bu. Sweet Potatoes.
4,520,000	4,375,000 Tons Tame Hay.
280,000	240,000 Tons Wild Hay.
28,551	60,000 Bales Cotton.
1,238,000	1,439,000 Tons Sugar Beets.
3,825,000	4,175,000 Bu. Beans.
1,563,000	1,918,000 Barrels Apples.
9,768,000	8,769,000 Bu. Peaches.
1,650,000	1,784,000 Bu. Pears.
.....	600,000 Pounds Hemp.
11,590,000	11,600,000 Pounds Wool.

1917 CROP.

7,425,000	Bu. Wheat.
2,400,000	Bu. Corn.
6,860,000	Bu. Oats.
39,150,000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
5,600,000	Bu. Rice.
15,525,000	Bu. White Potatoes.
1,002,000	Bu. Sweet Potatoes.
4,560,000	Tons Tame Hay.
259,000	Tons Wild Hay.
000	Lbs. Tobacco.
67,000	Bales Cotton.
1,318,000	Tons Sugar Beets.
8,035,000	Bu. Beans.
15,708,000	Lbs. Hops.
5,592,000	Bu. Apples.
14,151,000	Bu. Peaches.
3,523,000	Bu. Pears.
8,632,000	Boxes Oranges.

COLORADO

Has 46,170 Farms.
Average 293.1 Acres.

394,184 Farm Population.

1916.	LIVE STOCK.	1917.
219,000	Dairy Cows.	237,000
1,096,000	Other Cattle.	1,150,000
320,000	Swine.	352,000
1,839,000	Sheep.	1,950,000
30,644	Goats.	33,000
361,000	Horses.	365,000
19,000	Mules.	20,000
3,200	Jack Stock.	3,300

LIVE STOCK, 1918.

257,000	Dairy Cows.
1,274,000	Other Cattle.
356,000	Swine.
2,086,000	Sheep.
399,000	Horses.
26,000	Mules.

1915 1916 CROPS.

13,310,000	11,885,000 Bu. Wheat.
11,280,000	7,362,000 Bu. Corn.
11,700,000	9,570,000 Bu. Oats.
4,680,000	5,120,000 Bu. Barley.
525,000	392,000 Bu. Rye.
9,000	6,000 Bu. Flaxseed.
7,155,000	6,900,000 Bu. White Potatoes.
2,134,000	1,988,000 Tons Tame Hay.
515,000	423,000 Tons Wild Hay.
1,820,000	2,015,000 Tons Sugar Beets.
693,000	735,000 Barrels Apples.
650,000	405,000 Bu. Peaches.

99,000	99,000 Bu. Pears.
340,000	424,000 Bu. Beans.
151,708	100,710 Bu. Onions.
39,700	32,000 Tons Cabbage.
.....	16,300 Pounds Hemp.
400	400 Acres Celery.
7,800,000	8,100,000 Pounds Wool.

1917 CROP.

13,536,000	Bu. Wheat.
10,640,000	Bu. Corn.
11,130,000	Bu. Oats.
5,544,000	Bu. Barley.
432,000	Bu. Rye.
000	Bu. Buckwheat.
14,000	Bu. Flaxseed.
000	Bu. Rice.
9,310,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
2,376,000	Tons Tame Hay.
460,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
1,853,200	Tons Sugar Beets.
1,461,000	Bu. Beans.
1,320,000	Bu. Kafirs.
4,650	Tons Broom Corn.
59,400	Tons Cabbage.
2,640,000	Bu. Apples.
1,200,000	Bu. Peaches.
320,000	Bu. Pears.

CONNECTICUT

Has 26,815 Farms.
Average 81.5 Acres.

114,917 Farm Population.

1916.	LIVE STOCK.	1917.
119,000	Dairy Cows.	121,000
72,000	Other Cattle.	73,000
59,000	Swine.	58,000
18,000	Sheep.	18,000
485	Goats.	500
46,000	Horses.	46,000

LIVE STOCK, 1918.

116,000	Dairy Cows.
78,000	Other Cattle.
64,000	Swine.
20,000	Sheep.
45,000	Horses.

1915	1916	CROPS.
3,250,000	2,700,000	Bu. Corn.
422,000	450,000	Bu. Oats.
150,000	137,000	Bu. Rye.
60,000	57,000	Bu. Buckwheat.
2,280,000	2,090,000	Bu. White Potatoes.
493,000	574,000	Tons Tame Hay.
12,000	15,000	Tons Wild Hay.
29,970,000	36,186,000	Pounds Tobacco.
511,000	610,000	Barrels Apples.
335,000	136,000	Bu. Peaches.
36,000	46,000	Bu. Pears.
80,000	75,000	Pounds Wool.

1917 CROP.

000	Bu. Wheat.
4,485,000	Bu. Corn.
660,000	Bu. Oats.
000	Bu. Barley.
144,000	Bu. Rye.
52,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
3,190,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
525,000	Tons Tame Hay.
15,000	Tons Wild Hay.
29,540,000	Lbs. Tobacco.
000	Bales Cotton.
1,316,000	Bu. Apples.
268,000	Bu. Peaches.
29,000	Bu. Pears.

DELAWARE

Has 10,836 Farms.
Average 95.9 Acres.

105,237 Farm Population.

1916.	LIVE STOCK.	1917.
42,000	Dairy Cows.	43,000
21,000	Other Cattle.	21,000
61,000	Swine.	60,000
8,000	Sheep.	8,000
36,000	Horses.	36,000
6,000	Mules.	6,000

LIVE STOCK, 1918.

43,000	Dairy Cows.
23,000	Other Cattle.

64,000	Swine.	
10,000	Sheep.	
36,000	Horses.	
6,000	Mules.	
1915	1916	CROPS.
1,875,000	1,860,000 Bu. Wheat.	
6,615,000	6,970,000 Bu. Corn.	
134,000	120,000 Bu. Oats.	
16,000	15,000 Bu. Rye.	
56,000	57,000 Bu. Buckwheat.	
1,045,000	99,000 Bu. White Potatoes.	
675,000	625,000 Bu. Sweet Potatoes.	
84,000	116,000 Tons Tame Hay.	
12,000	13,000 Tons Wild Hay.	
122,000	83,000 Barrels Apples.	
842,000	35,000 Bu. Peaches.	
228,000	164,000 Bu. Pears.	
30,000	30,000 Pounds Wool.	
	1917 CROP.	
2,162,000	Bu. Wheat.	
7,820,000	Bu. Corn.	
128,000	Bu. Oats.	
000	Bu. Barley.	
16,000	Bu. Rye.	
60,000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
000	Bu. Rice.	
1,235,000	Bu. White Potatoes.	
560,000	Bu. Sweet Potatoes.	
98,000	Tons Tame Hay.	
11,000	Tons Wild Hay.	
000	Lbs. Tobacco.	
000	Bales Cotton.	
450,000	Bu. Apples.	
647,000	Bu. Peaches.	
294,000	Bu. Pears.	

FLORIDA

Has 50,016 Farms.
Average 105.6 Acres.

533,539	Farm Population.	
1916.	LIVE STOCK.	1917.
136,000	Dairy Cows.	141,000
772,000	Other Cattle.	865,000
996,000	Swine.	1,100,000
119,000	Sheep.	119,000
30,521	Goats.	47,000
59,000	Horses.	60,000
29,600	Mules.	31,000

LIVE STOCK, 1918.

145,000	Dairy Cows.	
831,000	Other Cattle.	
1,375,000	Swine.	
120,000	Sheep.	
62,000	Horses.	
33,000	Mules.	
1915	1916	CROPS.
12,000,000	12,600,000 Bu. Corn.	
1,220,000	900,000 Bu. Oats.	
12,000	18,000 Bu. Rice.	
960,000	1,110,000 Bu. White Potatoes.	
2,576,000	2,500,000 Bu. Sweet Potatoes.	
61,000	70,000 Tons Tame Hay.	
12,000	10,000 Tons Wild Hay.	
47,831	43,000 Bales Cotton.	
3,549,000	3,025,000 Pounds Tobacco.	
177,000	106,000 Bu. Peaches.	
104,000	51,000 Bu. Pears.	
330,000	345,000 Pounds Wool.	
	1917 CROP.	
000	Bu. Wheat.	
13,875,000	Bu. Corn.	
770,000	Bu. Oats.	
000	Bu. Barley.	
000	Bu. Rye.	
000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
21,000	Bu. Rice.	
2,275,000	Bu. White Potatoes.	
3,500,000	Bu. Sweet Potatoes.	
110,000	Tons Tame Hay.	
8,000	Tons Wild Hay.	
3,410,000	Lbs. Tobacco.	
40,000	Bales Cotton.	
1,400,000	Bu. Peanuts.	
000	Bu. Apples.	
122,000	Bu. Peaches.	
46,000	Bu. Pears.	
4,200,000	Boxes Oranges.	

GEORGIA

Has 291,027 Farms.
Average 92.6 Acres.

2,070,471	Farm Population.	
414,000	Dairy Cows.	418,000

686,000	Other Cattle.	686,000
2,348,000	Swine.	2,585,000
161,000	Sheep.	150,000
79,959	Goats.	85,000
125,000	Horses.	127,000
315,000	Mules.	324,000

LIVE STOCK, 1918.

	Dairy Cows.	
	Other Cattle.	
	Swine.	
	Sheep.	
	Horses.	
	Mules.	
1915	1916	CROPS.
3,573,000	3,803,000 Bu. Wheat.	
64,950,000	62,000,000 Bu. Corn.	
17,648,000	16,770,000 Bu. Oats.	
120,000	124,000 Bu. Rye.	
26,000	16,000 Bu. Rice.	
1,040,000	900,000 Bu. White Potatoes.	
8,075,000	7,520,000 Bu. Sweet Potatoes.	
345,000	375,000 Tons Tame Hay.	
17,000	18,000 Tons Wild Hay.	
1,496,000	1,554,000 Pounds Tobacco.	
1,900,000	1,845,000 Bales Cotton.	
625,000	541,000 Barrels Apples.	
5,330,000	3,510,000 Bu. Peaches.	
203,000	135,000 Bu. Pears.	
460,000	495,000 Pounds Wool.	
	1917 CROP.	
2,074,000	Bu. Wheat.	
72,000,000	Bu. Corn.	
10,400,000	Bu. Oats.	
000	Bu. Barley.	
128,000	Bu. Rye.	
000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
27,000	Bu. Rice.	
1,596,000	Bu. White Potatoes.	
11,625,000	Bu. Sweet Potatoes.	
562,000	Tons Tame Hay.	
14,000	Tons Wild Hay.	
1,600,000	Lbs. Tobacco.	
1,820,000	Bales Cotton.	
9,435,000	Bu. Peanuts.	
1,754,000	Bu. Apples.	
4,716,000	Bu. Peaches.	
140,000	Bu. Pears.	

IDAHO

Has 30,807 Farms.
Average 171.5 Acres.

255,696	Farm Population.	
1916.	LIVE STOCK.	1917.
126,000	Dairy Cows.	130,000
406,000	Other Cattle.	413,000
344,000	Swine.	292,000
3,102,000	Sheep.	3,195,000
5,797	Goats.	6,000
241,000	Horses.	239,000
4,000	Mules.	4,000

LIVE STOCK, 1918.

139,000	Dairy Cows.	
488,000	Other Cattle.	
219,000	Swine.	
3,202,000	Sheep.	
258,000	Horses.	
4,000	Mules.	
1915	1916	CROPS.
18,730,000	15,071,000 Bu. Wheat.	
770,000	735,000 Bu. Corn.	
15,745,000	13,330,000 Bu. Oats.	
7,736,000	7,410,000 Bu. Barley.	
60,000	31,000 Bu. Rye.	
3,590,000	4,050,000 Bu. White Potatoes.	
1,828,000	1,812,000 Tons Tame Hay.	
157,000	131,000 Tons Wild Hay.	
375,000	427,000 Tons Sugar Beets.	
573,000	117,000 Barrels Apples.	
162,000	23,000 Bu. Peaches.	
75,000	50,000 Bu. Pears.	
15,285,000	15,000,000 Pounds Wool.	

1917 CROP.

13,830,000	Bu. Wheat.	
682,000	Bu. Corn.	
10,450,000	Bu. Oats.	
5,510,000	Bu. Barley.	
31,000	Bu. Rye.	
000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
000	Bu. Rice.	
6,084,000	Bu. White Potatoes.	
000	Bu. Sweet Potatoes.	
2,175,000	Tons Tame Hay.	
162,000	Tons Wild Hay.	
000	Lbs. Tobacco.	
000	Bales Cotton.	

329,800	Tons Sugar Beets.
90,000	Bu. Clover Seed.
1,995,000	Bu. Apples.
165,000	Bu. Peaches.
70,000	Bu. Pears.

ILLINOIS

Has 251,872 Farms.
Average 129.1 Acres.

2,161,662	Farm Population.
1916.	LIVE STOCK.
	1917.

1,047,000	Dairy Cows.	1,057,000
1,239,000	Other Cattle.	1,251,000
4,489,000	Swine.	4,444,000
907,000	Sheep.	898,000
12,000	Goats.	13,000
1,452,000	Horses.	1,452,000
152,000	Mules.	150,000
2,800	Jack Stock.	3,000

LIVE STOCK, 1918.

1,057,000	Dairy Cows.
1,314,000	Other Cattle.
5,111,000	Swine.
988,000	Sheep.
1,467,000	Horses.
150,000	Mules.

1915. 1916 CROPS.

53,200,000	16,225,000	Bu. Wheat.
376,164,400	306,809,000	Bu. Corn.
195,435,000	172,095,000	Bu. Oats.
1,836,000	1,920,000	Bu. Barley.
906,000	666,000	Bu. Rye.
68,000	68,000	Bu. Buckwheat.
585,000	525,000	Pounds Tobacco.
13,860,000	7,250,000	Bu. White Potatoes.
880,000	720,000	Bu. Sweet Potatoes.
3,696,000	4,495,000	Tons Tame Hay.
124,000	156,000	Tons Wild Hay.
4,716,000	1,616,000	Barrels Apples.
874,000	810,000	Bu. Peaches.
496,000	351,000	Bu. Pears.
3,975,000	3,825,000	Pounds Wool.

1917 CROP.

30,400,000	Bu. Wheat.
418,000,000	Bu. Corn.
244,400,000	Bu. Oats.
2,475,000	Bu. Barley.
752,000	Bu. Rye.
76,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
13,500,000	Bu. White Potatoes.
776,000	Bu. Sweet Potatoes.
3,438,000	Tons Tame Hay.
104,000	Tons Wild Hay.
560,000	Lbs. Tobacco.
8,250	Tons Broom Corn.
115,000	Bu. Clover Seed.
7,500,000	Bu. Apples.
364,000	Bu. Peaches.
456,000	Bu. Pears.

INDIANA

Has 215,485 Farms.
Average 98.8 Acres.

1,557,041	Farm Population.
1916.	LIVE STOCK.
	1917.

672,000	Dairy Cows.	706,000
728,000	Other Cattle.	735,000
4,167,000	Swine.	3,970,000
1,058,000	Sheep.	1,005,000
7,000	Goats.	7,000
854,000	Horses.	845,000
95,000	Mules.	95,000
1,616	Jack Stock.	1,700

LIVE STOCK, 1918.

713,000	Dairy Cows.
757,000	Other Cattle.
4,168,000	Swine.
998,000	Sheep.
837,000	Horses.
95,000	Mules.

1915. 1916. CROPS.

47,300,000	19,440,000	Bu. Wheat.
190,950,000	174,658,000	Bu. Corn.
65,520,000	52,500,000	Bu. Oats.
224,000	405,000	Bu. Barley.
2,400,000	2,590,000	Bu. Rye.
70,000	144,000	Bu. Buckwheat.
7,125,000	3,256,000	Bu. White Potatoes.
208,000	300,000	Bu. Sweet Potatoes.
3,030,000	3,312,000	Tons Tame Hay.
78,000	91,000	Tons Wild Hay.
11,340,000	13,764,000	Pounds Tobacco.
3,883,000	1,307,000	Barrels Apples.

648,000	833,000	Bu. Peaches.
410,000	351,000	Bu. Pears.
564,880	744,896	Bu. Onions.
6,500	3,900	Tons Cabbage.
4,690,000	4,420,000	Pounds Wool.

1917 CROP.

33,392,000	Bu. Wheat.
203,436,000	Bu. Corn.
76,440,000	Bu. Oats.
671,000	Bu. Barley.
3,000,000	Bu. Rye.
150,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
8,464,000	Bu. White Potatoes.
318,000	Bu. Sweet Potatoes.
3,004,000	Tons Tame Hay.
88,000	Tons Wild Hay.
14,060,000	Lbs. Tobacco.
60,000	Bu. Beans.
17,280	Tons Cabbage.
202,000	Bu. Clover Seed.
5,915,000	Bu. Apples.
592,000	Bu. Peaches.
410,000	Bu. Pears.

IOWA

Has 217,044 Farms.
Average 156.3 Acres.

1,544,717	Farm Population.
1916.	LIVE STOCK.
	1917.

1,391,000	Dairy Cows.	1,405,000
2,737,000	Other Cattle.	2,754,000
9,069,000	Swine.	9,370,000
1,274,000	Sheep.	1,240,000
20,500	Goats.	21,000
1,584,000	Horses.	1,552,000
61,000	Mules.	62,000
1,700	Jack Stock.	1,700

LIVE STOCK, 1918.

1,405,000	Dairy Cows.
2,919,000	Other Cattle.
10,307,000	Swine.
1,224,000	Sheep.
1,583,000	Horses.
69,000	Mules.

1915 1916 CROPS.

15,557,000	10,450,000	Bu. Wheat.
303,000,000	366,825,000	Bu. Corn.
198,000,000	186,850,000	Bu. Oats.
10,943,000	8,702,000	Bu. Barley.
1,110,000	955,000	Bu. Rye.
91,000	150,000	Bu. Buckwheat.
162,000	180,000	Bu. Flaxseed.
15,540,000	4,830,000	Bu. White Potatoes.
285,000	273,000	Bu. Sweet Potatoes.
5,576,000	5,796,000	Tons Tame Hay.
1,116,000	845,000	Tons Wild Hay.
3,220,000	1,575,000	Barrels Apples.
112,000	64,000	Bu. Peaches.
106,000	63,000	Bu. Pears.
210,800	162,155	Bu. Onions.
28,100	10,800	Tons Cabbage.
5,225,000	4,875,000	Pounds Wool.

1917 CROP.

8,350,000	Bu. Wheat.
410,700,000	Bu. Corn.
246,750,000	Bu. Oats.
10,500,000	Bu. Barley.
900,000	Bu. Rye.
132,000	Bu. Buckwheat.
132,000	Bu. Flaxseed.
000	Bu. Rice.
13,100,000	Bu. White Potatoes.
270,000	Bu. Sweet Potatoes.
3,887,000	Tons Tame Hay.
738,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton
42,000	Bu. Beans.
13,260	Tons Cabbage.
30,000	Bu. Clover Seed.
5,775,000	Bu. Apples.
30,000	Bu. Peaches.
82,000	Bu. Pears.

KANSAS

Has 177,841 Farms.
Average 244.0 Acres.

1,107,159	Farm Population.
1916.	LIVE STOCK.
	1917.

762,000	Dairy Cows.	900,000
1,945,000	Other Cattle.	2,115,000
3,813,000	Swine.	2,535,000
341,000	Sheep.	348,000

8,800	Goats.	9,000
1,109,000	Horses.	1,120,000
245,000	Mules.	265,000
5,400	Mules.	5,500

LIVE STOCK, 1918.

945,000	Dairy Cows.
2,354,000	Other Cattle.
2,566,000	Swine.
418,000	Sheep.
1,142,000	Horses.
280,000	Mules.

1915

1916

CROPS.

106,538,000	98,022,000	Bu. Wheat.
172,050,000	69,500,000	Bu. Corn.
43,725,000	36,425,000	Bu. Oats.
8,370,000	4,800,000	Bu. Barley.
800,000	667,000	Bu. Rye.
14,000	.....	Bu. Buckwheat.
205,000	174,000	Bu. Flaxseed.
5,893,000	4,970,000	Bu. White Potatoes.
440,000	368,000	Bu. Sweet Potatoes.
4,062,000	2,604,000	Tons Tame Hay.
2,240,000	1,650,000	Tons Wild Hay.
2,125,000	1,040,000	Barrels Apples.
2,516,000	172,000	Bu. Peaches.
133,000	77,000	Bu. Pears.
1,240,000	1,320,000	Pounds Wool.

1917 CROP.

45,934,000	Bu. Wheat.
128,184,000	Bu. Corn.
70,804,000	Bu. Oats.
7,500,000	Bu. Barley.
1,140,000	Bu. Rye.
000	Bu. Buckwheat.
238,000	Bu. Flaxseed.
000	Bu. Rice.
4,446,000	Bu. White Potatoes.
368,000	Bu. Sweet Potatoes.
2,217,000	Tons Tame Hay.
1,044,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
31,890,000	Bu. Kafirs.
12,000	Tons Broom Corn.
11,000	Bu. Clover Seed.
3,375,000	Bu. Apples.
121,000	Bu. Peaches.
140,000	Bu. Pears.

KENTUCKY

Has 259,185 Farms.
Average 85.6 Acres.

1,734,463	Farm Population.
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1916

LIVE STOCK.

1917.

406,000	Dairy Cows.	418,000
570,000	Other Cattle.	570,000
1,709,000	Swine.	1,589,000
1,555,000	Sheep.	1,155,000
29,000	Goats.	30,000
434,000	Horses.	434,000
229,000	Mules.	224,000
4,600	Jack Stock.	4,700

LIVE STOCK, 1918.

435,000	Dairy Cows.
581,000	Other Cattle.
1,716,000	Swine.
1,270,000	Sheep.
443,000	Horses.
224,000	Mules.

1915

1916

CROPS.

9,900,000	8,010,000	Bu. Wheat.
114,000,000	95,200,000	Bu. Corn.
5,460,000	6,300,000	Bu. Oats.
180,000	156,000	Bu. Barley.
288,000	246,000	Bu. Rye.
6,426,000	4,116,000	Bu. White Potatoes.
1,050,000	900,000	Bu. Sweet Potatoes.
1,225,000	1,415,000	Tons Tame Hay.
6,000	6,000	Tons Wild Hay.
356,400,000	435,600,000	Pounds Tobacco.
4,170,000	2,147,000	Barrels Apples.
1,320,000	880,000	Bu. Peaches.
264,000	160,000	Bu. Pears.
3,125,000	3,185,000	Pounds Wool.

1917 CROP.

9,000,000	Bu. Wheat.
122,850,000	Bu. Corn.
8,060,000	Bu. Oats.
140,000	Bu. Barley.
375,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
6,720,000	Bu. White Potatoes.
1,140,000	Bu. Sweet Potatoes.
1,268,000	Tons Tame Hay.

8,000	Tons Wild Hay.
426,600,000	Lbs. Tobacco.
000	Bales Cotton.
46,000	Bu. Clover Seed.
9,125,000	Bu. Apples.
1,034,000	Bu. Peaches.
204,000	Bu. Pears.

LOUISIANA

Has 120,546 Farms.
Average 86.6 Acres.

1,159,872	Farm Population.
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1916

LIVE STOCK.

1917.

271,000	Dairy Cows.	274,000
475,000	Other Cattle.	475,000
1,553,000	Swine.	1,584,000
185,000	Sheep.	240,000
57,000	Goats.	58,000
193,000	Horses.	195,000
132,000	Mules.	139,000

LIVE STOCK, 1918.

324,000	Dairy Cows.
573,000	Other Cattle.
1,568,000	Swine.
209,000	Sheep.
207,000	Horses.
156,000	Mules.

1915-

1916

CROPS.

45,100,000	44,814,000	Bu. Corn.
3,000,000	2,090,000	Bu. Oats.
13,714,000	20,392,000	Bu. Rice.
1,428,000	1,625,000	Bu. White Potatoes.
5,980,000	5,760,000	Bu. Sweet Potatoes.
438,000	429,000	Tons Tame Hay.
35,000	42,000	Tons Wild Hay.
341,063	440,000	Bales Cotton.
126,000	90,000	Pounds Tobacco.
456,000	560,000	Bu. Peaches.
55,000	49,000	Bu. Pears.
2,000,000	4,172,000	Tons Sugar Cane.
536,000	590,000	Pounds Wool.

1917 CROP.

000	Bu. Wheat.
42,246,000	Bu. Corn.
1,873,000	Bu. Oats.
000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
18,250,000	Bu. Rice.
1,600,000	Bu. White Potatoes.
4,898,000	Bu. Sweet Potatoes.
416,000	Tons Tame Hay.
310,000	Tons Wild Hay.
210,000	Lbs. Tobacco.
615,000	Bales Cotton.
1,015,000	Bu. Peanuts.
000	Bu. Apples.
478,000	Bu. Peaches.
52,000	Bu. Pears.

MAINE

Has 60,016 Farms.
Average 104.9 Acres.

360,928	Farm Population.
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1916

LIVE STOCK.

1917.

159,000	Dairy Cows.	162,000
104,000	Other Cattle.	110,000
102,000	Swine.	100,000
162,600	Sheep.	157,000
112,000	Horses.	109,000

LIVE STOCK, 1918.

170,000	Dairy Cows.
127,000	Other Cattle.
100,000	Swine.
163,000	Sheep.
109,000	Horses.

1915

1916

CROPS.

112,000	135,000	Bu. Wheat.
656,000	645,000	Bu. Corn.
6,080,000	6,120,000	Bu. Oats.
132,000	156,000	Bu. Barley.
338,000	336,000	Bu. Buckwheat.
22,010,000	25,500,000	Bu. White Potatoes.
1,397,000	1,710,000	Tons Tame Hay.
23,000	27,000	Tons Wild Hay.
720,000	1,680,000	Barrels Apples.
30,000	38,000	Bu. Pears.
850,000	850,000	Pounds Wool.

1917 CROP.

154,000	Bu. Wheat.
780,000	Bu. Corn.
4,930,000	Bu. Oats.
147,000	Bu. Barley.

000	Bu. Rye.
322,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
20,250,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,566,000	Tons Tame Hay.
21,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
330,000	Bu. Beans.
4,617,000	Bu. Apples.
000	Bu. Peaches.
24,000	Bu. Pears.

MARYLAND

Has 48,923 Farms.
Average 103.4 Acres.

637,154 Farm Population.

1916.	LIVE STOCK.	1917.
181,000	Dairy Cows.	183,000
125,000	Other Cattle.	125,000
359,000	Swine.	359,000
223,000	Sheep.	223,000
2,000	Goats.	2,000
169,000	Horses.	169,000
25,000	Mules.	25,000

LIVE STOCK, 1918.

181,000	Dairy Cows.
134,000	Other Cattle.
388,000	Swine.
234,000	Sheep.
171,000	Horses.
25,000	Mules.
1915	1916 CROPS.
10,272,000	10,240,000 Bu. Wheat.
24,850,000	27,300,000 Bu. Corn.
1,530,000	1,357,000 Bu. Oats.
170,000	192,000 Bu. Barley.
396,000	356,000 Bu. Rye.
220,000	189,000 Bu. Buckwheat.
4,268,000	4,085,000 Bu. White Potatoes.
1,040,000	1,134,000 Bu. Sweet Potatoes.
468,000	688,000 Tons Tame Hay.
4,000	6,000 Tons Wild Hay.
16,280,000	19,635,000 Pounds Tobacco.
800,000	842,000 Barrels Apples.
1,248,000	610,000 Bu. Peaches.
483,000	378,000 Bu. Pears.
750,000	750,000 Pounds Wool.
	1917 CROP.

11,475,000	Bu. Wheat.
23,080,000	Bu. Corn.
1,457,000	Bu. Oats.
156,000	Bu. Barley.
384,000	Bu. Rye.
220,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
6,000,000	Bu. White Potatoes.
1,180,000	Bu. Sweet Potatoes.
552,000	Tons Tame Hay.
6,000	Tons Wild Hay.
22,594,000	Lbs. Tobacco.
000	Bales Cotton.
2,525,000	Bu. Apples.
975,000	Bu. Peaches.
525,000	Bu. Pears.

MASSACHUSETTS

Has 36,917 Farms.
Average 79.9 Acres.

241,049 Farm Population.

1916.	LIVE STOCK.	1917.
155,000	Dairy Cows.	160,000
35,000	Other Cattle.	38,000
112,000	Swine.	112,000
28,000	Sheep.	25,000
1,200	Goats.	1,200
63,000	Horses.	59,000

LIVE STOCK, 1918.

154,000	Dairy Cows.
97,000	Other Cattle.
113,000	Swine.
28,000	Sheep.
57,000	Horses.
1915	1916 CROPS.
2,804,000	1,764,000 Bu. Corn.
324,000	480,000 Bu. Oats.
60,000	56,000 Bu. Rye.
32,000	32,000 Bu. Buckwheat.
3,120,000	2,275,000 Bu. White Potatoes.
1,357,358	1,292,000 Bu. Onions.
705,000	749,000 Tons Tame Hay.

25,000	24,000 Tons Wild Hay.
9,680,000	12,118,000 Pounds Tobacco.
.....	221,000 Barrels Cranberries.
885,000	1,150,000 Barrels Apples.
152,000	66,000 Bu. Peaches.
75,000	114,000 Bu. Pears.
115,000	125,000 Pounds Wool.
	1917 CROP.

000	Bu. Wheat.
2,806,000	Bu. Corn.
444,000	Bu. Oats.
000	Bu. Barley.
57,000	Bu. Rye.
30,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
4,370,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
690,000	Tons Tame Hay.
24,000	Tons Wild Hay.
11,833,000	Lbs. Tobacco.
000	Bales Cotton.
40,000	Bu. Beans.
2,186,000	Bu. Apples.
145,000	Bu. Peaches.
71,000	Bu. Pears.

MICHIGAN

Has 206,960 Farms.
Average 91.5 Acres.

1,483,129 Farm Population.

1916.	LIVE STOCK.	1917.
847,000	Dairy Cows.	856,000
735,000	Other Cattle.	720,000
1,462,000	Swine.	1,345,000
1,931,000	Sheep.	1,834,000
5,800	Goats.	6,000
680,000	Horses.	680,000
4,000	Mules.	4,000

LIVE STOCK, 1918.

874,000	Dairy Cows.
752,000	Other Cattle.
1,372,000	Swine.
1,926,000	Sheep.
680,000	Horses.
4,000	Mules.
1915	1916 CROPS.
20,448,000	13,600,000 Bu. Wheat.
56,000,000	45,375,000 Bu. Corn.
64,260,000	42,600,000 Bu. Oats.
2,508,000	2,450,000 Bu. Barley.
6,045,000	4,618,000 Bu. Rye.
870,000	825,000 Bu. Buckwheat.
20,945,000	15,360,000 Bu. White Potatoes.
41,400	17,400 Tons Cabbage.
223,920	204,820 Bu. Onions.
3,458,000	4,372,000 Tons Tame Hay.
39,000	51,000 Tons Wild Hay.
1,071,000	604,000 Tons Sugar Beets.
4,250,000	3,102,000 Bu. Beans.
3,150,000	4,160,000 Barrels Apples.
2,360,000	2,010,000 Bu. Peaches.
550,000	836,000 Bu. Pears.
3,118	2,134 Acres Celery.
8,075,000	8,275,000 Pounds Wool.
	1917 CROP.

15,210,000	Bu. Wheat.
37,625,000	Bu. Corn.
56,575,000	Bu. Oats.
3,445,000	Bu. Barley.
8,115,000	Bu. Rye.
675,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
35,910,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
3,837,000	Tons Tame Hay.
45,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
596,500	Tons Sugar Beets.
3,515,000	Bu. Beans.
53,500	Tons Cabbage.
176,000	Bu. Clover Seed.
5,160,000	Bu. Apples.
744,000	Bu. Peaches.
1,080,000	Bu. Pears.

MINNESOTA

Has 156,137 Farms.
Average 177.3 Acres.

1,225,414 Farm Population.

1916.	LIVE STOCK.	1917.
1,210,000	Dairy Cows.	1,302,000
1,232,000	Other Cattle.	1,340,000

1,716,000	Swine.	1,733,000
536,000	Sheep.	541,000
4,000	Goats.	4,000
872,000	Horses.	900,000
6,000	Mules.	6,000

LIVE STOCK, 1918.

1,328,000	Dairy Cows.
1,540,000	Other Cattle.
2,241,000	Swine.
568,000	Sheep.
944,000	Horses.
6,000	Mules.

1915

CROPS.

73,420,000	27,555,000	Bu. Wheat.
62,100,000	84,420,000	Bu. Corn.
134,375,000	88,112,000	Bu. Oats.
41,170,000	26,125,000	Bu. Barley.
5,850,000	5,025,000	Bu. Rye.
122,000	150,000	Bu. Buckwheat.
3,150,000	2,338,000	Bu. Flaxseed.
30,210,000	16,800,000	Bu. White Potatoes.
21,000	9,700	Tons Cabbage.
385,125	211,768	Bu. Onions.
3,209,000	3,496,000	Tons Tame Hay.
2,565,000	2,888,000	Tons Wild Hay.
412,000	422,000	Barrels Apples.
2,660,000	2,695,000	Pounds Wool.

1917 CROP.

57,965,000	Bu. Wheat.
90,000,000	Bu. Corn.
120,250,000	Bu. Oats.
37,800,000	Bu. Barley.
7,585,000	Bu. Rye.
154,000	Bu. Buckwheat.
1,980,000	Bu. Flaxseed.
000	Bu. Rice.
33,600,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
2,868,000	Tons Tame Hay.
2,356,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
23,240	Tons Cabbage.
55,000	Bu. Clover Seed.
1,445,000	Bu. Apples.
000	Bu. Peaches.
000	Bu. Pears.

MISSISSIPPI

Has 274,382 Farms.
Average 67.6 Acres.

1,589,803 Farm Population.

1916. LIVE STOCK. 1917.

447,000	Dairy Cows.	450,000
535,000	Other Cattle.	535,000
1,617,000	Swine.	1,698,000
208,000	Sheep.	193,000
48,000	Goats.	50,000
243,000	Horses.	243,000
292,000	Mules.	292,000
1,800	Jack Stock.	1,900

LIVE STOCK, 1918.

508,000	Dairy Cows
644,000	Other Cattle.
1,902,000	Swine.
174,000	Sheep.
253,000	Horses.
307,000	Mules.

1915

CROPS.

100,000	90,000	Bu. Wheat.
69,350,000	47,600,000	Bu. Corn.
5,375,000	5,760,000	Bu. Oats.
15,000	53,000	Bu. Rice.
1,170,000	780,000	Bu. White Potatoes.
8,250,000	6,314,000	Bu. Sweet Potatoes.
350,000	371,000	Tons Tame Hay.
50,000	52,000	Tons Wild Hay.
954,000	800,000	Bales Cotton.
141,000	116,000	Barrels Apples.
1,540,000	1,000,000	Bu. Peaches.
160,000	90,000	Bu. Pears.
520,000	540,000	Pounds Wool.

1917 CROP.

210,000	Bu. Wheat.
84,050,000	Bu. Corn.
5,700,000	Bu. Oats.
000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
63,000	Bu. Rice.
1,092,000	Bu. White Potatoes.
5,525,000	Bu. Sweet Potatoes.
371,000	Tons Tame Hay.
49,000	Tons Wild Hay.
2,820,000	Lbs. Tobacco.

895,000	Bales Cotton.
136,000	Bu. Peanuts.
315,000	Bu. Apples.
375,000	Bu. Peaches.
30,000	Bu. Pears.

MISSOURI

Has 277,244 Farms.
Average 124.8 Acres.

1,894,518 Farm Population.

1916. LIVE STOCK. 1917.

837,000	Dairy Cows.	845,000
1,555,000	Other Cattle.	1,600,000
4,505,000	Swine.	4,280,000
1,416,000	Sheep.	1,370,000
74,000	Goats.	75,000
1,084,000	Horses.	1,040,000
329,000	Mules.	350,000
12,800	Jack Stock.	14,000

LIVE STOCK, 1918.

910,000	Dairy Cows.
1,782,000	Other Cattle.
4,708,000	Swine.
1,466,000	Sheep.
1,040,000	Horses.
367,000	Mules.

1915

CROPS.

34,108,000	16,575,000	Bu. Wheat.
209,450,000	132,112,000	Bu. Corn.
31,850,000	32,250,000	Bu. Oats.
125,000	100,000	Bu. Barley.
338,000	231,000	Bu. Rye.
45,000	56,000	Bu. Buckwheat.
48,000	35,000	Bu. Flaxseed.
10,000	10,000	Bu. Rice.
8,820,000	5,460,000	Bu. White Potatoes.
700,000	490,000	Bu. Sweet Potatoes.
4,636,000	4,350,000	Tons Tame Hay.
150,000	154,000	Tons Wild Hay.
47,999	62,000	Bales Cotton.
3,150,000	3,040,000	Pounds Tobacco.
6,287,000	2,700,000	Barrels Apples.
3,300,000	1,080,000	Bu. Peaches.
294,000	164,000	Bu. Pears.
4,890,000	4,625,000	Pounds Wool.

1917 CROP.

27,540,000	Bu. Wheat.
252,000,000	Bu. Corn.
59,200,000	Bu. Oats.
150,000	Bu. Barley.
441,000	Bu. Rye.
90,000	Bu. Buckwheat.
51,000	Bu. Flaxseed.
18,000	Bu. Rice.
9,483,000	Bu. White Potatoes.
896,000	Bu. Sweet Potatoes.
3,657,000	Tons Tame Hay.
139,000	Tons Wild Hay.
000	Lbs. Tobacco.
51,000	Bales Cotton.
92,000	Bu. Beans.
18,000	Bu. Peanuts.
85,000	Bu. Clover Seed.
12,375,000	Bu. Apples.
800,000	Bu. Peaches.
265,000	Bu. Pears.

MONTANA

Has 26,214 Farms.
Average 516.7 Acres.

242,633 Farm Population.

1916. LIVE STOCK. 1917.

129,000	Dairy Cows.	148,000
894,000	Other Cattle.	983,000
298,000	Swine.	269,000
3,941,000	Sheep.	3,744,000
4,500	Goats.	5,000
430,000	Horses.	452,000
4,000	Mules.	4,000

LIVE STOCK, 1918.

179,000	Dairy Cows.
980,000	Other Cattle.
215,000	Swine.
3,045,000	Sheep.
506,000	Horses.
5,000	Mules.

1915

CROPS.

33,285,000	28,655,000	Bu. Wheat.
1,960,000	1,850,000	Bu. Corn.
31,200,000	25,080,000	Bu. Oats.
2,720,000	2,660,000	Bu. Barley.
225,000	205,000	Bu. Rye.
1,890,000	3,088,000	Bu. Flaxseed.

6,045,000	4,875,000	Bu. White Potatoes.
1,550,000	1,402,000	Tons Tame Hay.
701,064	581,000	Tons Wild Hay.
347,000	256,000	Barrels Apples.
12,000	6,000	Bu. Pears.
26,950,000	24,570,000	Pounds Wool.
1917 CROP.		
17,963,000		Bu. Wheat.
1,012,000		Bu. Corn.
13,600,000		Bu. Oats.
1,350,000		Bu. Barley.
114,000		Bu. Rye.
000		Bu. Buckwheat.
1,266,000		Bu. Flaxseed.
000		Bu. Rice.
5,415,000		Bu. White Potatoes.
000		Bu. Sweet Potatoes.
1,063,000		Tons Tame Hay.
402,000		Tons Wild Hay.
000		Lbs. Tobacco.
000		Bales Cotton.
911,000		Bu. Apples.
000		Bu. Peaches.
11,000		Bu. Pears.

NEBRASKA

Has 129,678 Farms.
Average 297.8 Acres.

881,362 Farm Population.

1916.	LIVE STOCK.	1917.
650,000	Dairy Cows.	676,000
2,237,000	Other Cattle.	2,349,000
4,266,000	Swine.	4,309,000
374,000	Sheep.	581,000
3,000	Goats.	3,500
1,028,000	Horses.	1,018,000
98,000	Mules.	112,000
2,100	Jack Stock.	2,200

LIVE STOCK, 1918.

703,000	Dairy Cows.
2,803,000	Other Cattle.
4,200,000	Swine.
408,000	Sheep.
1,049,000	Horses.
118,000	Mules.
1915	
72,154,000	68,550,000 Bu. Wheat.
213,000,000	192,400,000 Bu. Corn.
70,400,000	79,875,000 Bu. Oats.
3,255,000	3,080,000 Bu. Barley.
3,500,000	3,072,000 Bu. Rye.
20,000	17,000 Bu. Buckwheat.
75,000	32,000 Bu. Flaxseed.
11,550,000	7,665,000 Bu. White Potatoes.
4,290,000	4,070,000 Tons Tame Hay.
3,480,000	3,130,000 Tons Wild Hay.
1,267,000	567,000 Barrels Apples.
120,000	29,000 Bu. Peaches.
18,000	10,000 Bu. Pears.
1,665,000	1,830,000 Pounds Wool.

1917 CROP.

13,764,000	Bu. Wheat.
249,480,000	Bu. Corn.
115,444,000	Bu. Oats.
5,644,000	Bu. Barley.
3,354,000	Bu. Rye.
32,000	Bu. Buckwheat.
28,000	Bu. Flaxseed.
000	Bu. Rice.
12,495,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
2,544,000	Tons Tame Hay.
2,611,000	Tons Wild Hay.
000	Lbs. Tobacco.
5,000	Bu. Clover Seed.
2,400,000	Bu. Apples.
000	Bu. Peaches.
14,000	Bu. Pears.

NEVADA

Has 2,689 Farms.
Average 1,009.6 Acres.

68,508 Farm Population.

1916.	LIVE STOCK.	1917.
25,000	Dairy Cows.	26,000
472,000	Other Cattle.	470,000
40,000	Swine.	37,000
1,532,000	Sheep.	1,455,000
1,800	Goats.	5,000
77,000	Horses.	73,000
3,000	Mules.	3,000

LIVE STOCK, 1918.

28,000	Dairy Cows.
517,000	Other Cattle.

37,000	Swine.
1,630,000	Sheep.
75,000	Horses.
3,000	Mules.
1915	
1,660,000	1,592,000 Bu. Wheat.
35,000	34,000 Bu. Corn.
583,000	602,000 Bu. Oats.
576,000	492,000 Bu. Barley.
2,236,000	2,660,000 Bu. White Potatoes.
675,000	540,000 Tons Tame Hay.
225,000	171,000 Tons Wild Hay.
40,000	16,000 Barrels Apples.
7,000	1,000 Bu. Peaches.
4,000	2,000 Bu. Pears.
9,500,000	10,000,000 Pounds Wool.

1917 CROP.

1,140,000	Bu. Wheat.
60,000	Bu. Corn.
560,000	Bu. Oats.
420,000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
3,105,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
679,000	Tons Tame Hay.
270,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
192,000	Bu. Apples.
6,000	Bu. Peaches.
6,000	Bu. Pears.

NEW HAMPSHIRE

Has 27,053 Farms.
Average 120.1 Acres.

175,473 Farm Population.

1916.	LIVE STOCK.	1917.
97,000	Dairy Cows.	97,000
65,000	Other Cattle.	63,000
55,000	Swine.	53,000
37,000	Sheep.	35,000
47,000	Horses.	44,000

LIVE STOCK, 1918.

102,000	Dairy Cows.
71,000	Other Cattle.
56,000	Swine.
37,000	Sheep.
45,000	Horses.
1015	
990,000	874,000 Bu. Corn.
456,000	444,000 Bu. Oats.
30,000	28,000 Bu. Barley.
30,000	20,000 Bu. Buckwheat.
1,520,000	1,800,000 Bu. White Potatoes.
504,000	767,000 Tons Tame Hay.
17,000	23,000 Tons Wild Hay.
140,000	165,000 Pounds Tobacco.
353,000	532,000 Barrels Apples.
58,000	24,000 Bu. Peaches.
18,000	25,000 Bu. Pears.
185,000	185,000 Pounds Wool.

1917 CROP.

000	Bu. Wheat.
1,092,000	Bu. Corn.
532,000	Bu. Oats.
31,000	Bu. Barley.
000	Bu. Rye.
38,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
2,247,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
683,000	Tons Tame Hay.
21,000	Tons Wild Hay.
167,000	Lbs. Tobacco.
000	Bales Cotton.
100,000	Bu. Beans.
1,035,000	Bu. Apples.
47,000	Bu. Peaches.
19,000	Bu. Pears.

NEW JERSEY

Has 33,487 Farms.
Average 76.9 Acres.

629,957 Farm Population.

1916.	LIVE STOCK.	1917.
152,000	Dairy Cows.	155,000
73,000	Other Cattle.	74,000
161,000	Swine.	163,000
29,000	Sheep.	29,000

92,000	Horses.	92,000
4,000	Mules.	4,000
LIVE STOCK, 1918.		
152,000	Dairy Cows.	
74,000	Other Cattle.	
174,000	Swine.	
26,000	Sheep.	
90,000	Horses.	
4,000	Mules.	
1915	1916	CROPS.
1,560,000	1,800,000	Bu. Wheat.
10,830,000	10,800,000	Bu. Corn.
2,275,000	2,070,000	Bu. Oats.
1,420,000	1,330,000	Bu. Rye.
210,000	285,000	Bu. Buckwheat.
12,090,000	10,370,000	Bu. White Potatoes.
3,565,000	2,300,000	Bu. Sweet Potatoes.
523,000	585,000	Tons Tame Hay.
34,000	45,000	Tons Wild Hay.
184,000	165,000	Barrels Cranberries.
777,000	750,000	Barrels Apples.
1,275,000	662,000	Bu. Peaches.
596,000	687,000	Bu. Pears.
95,000	80,000	Pounds Wool.
1917 CROP.		
1,691,000	Bu. Wheat.	
12,771,000	Bu. Corn.	
2,482,000	Bu. Oats.	
000	Bu. Barley.	
1,276,000	Bu. Rye.	
288,000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
000	Bu. Rice.	
11,172,000	Bu. White Potatoes.	
2,880,000	Bu. Sweet Potatoes.	
508,000	Tons Tame Hay.	
44,000	Tons Wild Hay.	
000	Lbs. Tobacco.	
000	Bales Cotton.	
80,000	Bu. Beans.	
2,041,000	Bu. Apples.	
871,000	Bu. Peaches.	
590,000	Bu. Pears.	

NEW MEXICO

Has 35,676 Farms.
Average 315.9 Acres.

280,730	Farm Population	
1916.	LIVE STOCK.	1917.
76,000	Dairy Cows.	85,000
1,090,000	Other Cattle.	1,145,000
91,000	Swine.	101,000
3,440,000	Sheep.	3,300,000
412,000	Goats.	420,000
234,000	Horses.	250,000
17,000	Mules.	19,000
11,800	Jack Stock.	12,000
LIVE STOCK, 1918.		
88,000	Dairy Cows.	
1,179,000	Other Cattle.	
86,000	Swine.	
3,135,000	Sheep.	
272,000	Horses.	
19,000	Mules.	
1915	1916	CROPS.
2,156,000	2,104,000	Bu. Wheat.
2,720,000	2,625,000	Bu. Corn.
2,160,000	1,856,000	Bu. Oats.
264,000	308,000	Bu. Barley.
800,000	816,000	Bu. White Potatoes.
412,000	370,000	Tons Tame Hay.
25,000	13,000	Tons Wild Hay.
368,000	425,000	Bu. Beans.
273,000	119,000	Barrels Apples.
154,000	40,000	Bu. Peaches.
64,000	36,000	Bu. Pears.
18,620,000	18,240,000	Pounds Wool.
1917 CROP.		
2,582,000	Bu. Wheat.	
3,400,000	Bu. Corn.	
1,350,000	Bu. Oats.	
364,000	Bu. Barley.	
000	Bu. Rye.	
000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
000	Bu. Rice.	
1,276,000	Bu. White Potatoes.	
236,000	Bu. Sweet Potatoes.	
1,384,000	Tons Tame Hay.	
28,000	Tons Wild Hay.	
000	Lbs. Tobacco.	
000	Bales Cotton.	
958,000	Bu. Beans.	
3,510,000	Bu. Apples.	
657,000	Bu. Peaches.	
60,000	Bu. Pears.	
46,000	Bu. Pears.	

NEW YORK

Has 215,597 Farms.
Average 102.2 Acres.

1,928,120	Farm Population.	
1916.	LIVE STOCK.	1917.
1,539,000	Dairy Cows.	1,539,000
939,000	Other Cattle.	939,000
799,000	Swine.	759,000
849,000	Sheep.	840,000
3,400	Goats.	4,000
609,000	Horses.	609,000
4,000	Mules.	4,000
LIVE STOCK, 1918.		
1,524,000	Dairy Cows.	
1,005,000	Other Cattle.	
842,000	Swine.	
840,000	Sheep.	
597,000	Horses.	
1915	1916	CROPS.
9,750,000	9,030,000	Bu. Wheat.
24,200,000	16,200,000	Bu. Corn.
54,270,000	31,356,000	Bu. Oats.
2,720,000	1,887,000	Bu. Barley.
2,805,000	2,718,000	Bu. Rye.
5,320,000	3,480,000	Bu. Buckwheat.
22,010,000	22,400,000	Bu. White Potatoes.
5,900	4,404	Acres Celery.
359,000	96,000	Tons Cabbage.
3,602,137	1,292,265	Bu. Onions.
5,850,000	7,290,000	Tons Tame Hay.
55,000	104,000	Tons Wild Hay.
5,280,000	4,551,000	Pounds Tobacco.
1,250,000	720,000	Bu. Beans.
8,528,900	12,600,000	Barrels Apples.
2,106,000	1,215,000	Bu. Peaches.
1,375,000	1,675,000	Bu. Pears.
3,480,000	3,550,000	Pounds Wool.
1917 CROP.		
8,385,000	Bu. Wheat.	
26,040,000	Bu. Corn.	
44,625,000	Bu. Oats.	
3,080,000	Bu. Barley.	
2,565,000	Bu. Rye.	
5,940,000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
000	Bu. Rice.	
38,000,000	Bu. White Potatoes.	
000	Bu. Sweet Potatoes.	
6,110,000	Tons Tame Hay.	
58,000	Tons Wild Hay.	
3,125,000	Lbs. Tobacco.	
000	Bales Cotton.	
1,575,000	Bu. Beans.	
349,680	Tons Cabbage.	
2,880,000	Lbs. Hops.	
12,000	Bu. Clover Seed.	
14,059,000	Bu. Apples.	
2,244,000	Bu. Peaches.	
1,708,000	Bu. Pears.	

NORTH CAROLINA

Has 253,725 Farms.
Average 88.4 Acres.

1,887,813	Farm Population.	
1916.	LIVE STOCK.	1917.
321,000	Dairy Cows.	315,000
387,000	Other Cattle.	364,000
1,601,000	Swine.	1,550,000
120,000	Sheep.	140,000
35,000	Goats.	36,000
182,000	Horses.	185,000
196,000	Mules.	200,000
1,000	Jack Stock.	1,100
LIVE STOCK, 1918.		
309,000	Dairy Cows.	
375,000	Other Cattle.	
1,464,000	Swine.	
137,000	Sheep.	
187,000	Horses.	
207,000	Mules.	
1915	1916	CROPS.
10,355,000	9,975,000	Bu. Wheat.
64,050,000	53,650,000	Bu. Corn.
8,050,000	6,562,000	Bu. Oats.
575,000	534,000	Bu. Rye.
175,000	175,000	Bu. Buckwheat.
4,000	4,000	Bu. Rice.
3,150,000	3,230,000	Bu. White Potatoes.
8,925,000	9,309,000	Bu. Sweet Potatoes.
648,000	507,000	Tons Tame Hay.
60,000	44,000	Tons Wild Hay.
708,000	646,000	Bales Cotton.
198,400,000	176,000,000	Pounds Tobacco.
1,972,000	2,358,000	Barrels Apples.
1,955,000	897,000	Bu. Peaches.

150,000	75,000 Bu. Pears.
345,000	570,000 Pounds Wool.
1917 CROP.	
9,765,000	Bu. Wheat.
60,000,000	Bu. Corn.
5,780,000	Bu. Oats.
000	Bu. Barley.
520,000	Bu. Rye.
240,000	Bu. Buckwheat.
000	Bu. Flaxseed.
5,000	Bu. Rice.
4,500,000	Bu. White Potatoes.
8,550,000	Bu. Sweet Potatoes.
528,000	Tons Tame Hay.
10,000	Tons Wild Hay.
204,750,000	Lbs. Tobacco.
570,000	Bales Cotton.
7,676,000	Bu. Peanuts.
6,156,000	Bu. Apples.
1,541,000	Bu. Peaches.
150,000	Bu. Pears.

NORTH DAKOTA

Has 74,360 Farms.
Average 382.3 Acres.

513,820 Farm Population.

1916.	LIVE STOCK.	1917.
373,000	Dairy Cows.	410,000
577,000	Other Cattle.	629,000
706,000	Swine.	650,000
250,000	Sheep.	250,000
1,000	Goats.	1,000
801,000	Horses.	825,000
9,000	Mules.	9,000

LIVE STOCK, 1918.

434,000	Dairy Cows.
650,000	Other Cattle.
507,000	Swine.
252,000	Sheep.
842,000	Horses.
9,000	Mules.

1915 1916 CROPS.

151,970,000	39,352,000	Bu. Wheat.
9,800,000	13,515,000	Bu. Corn.
98,000,000	53,750,000	Bu. Oats.
44,500,000	26,738,000	Bu. Barley.
2,700,000	4,655,000	Bu. Rye.
6,534,000	8,137,000	Bu. Flaxseed.
7,200,000	6,975,000	Bu. White Potatoes.
660,000	884,000	Tons Tame Hay.
2,500,000	2,670,000	Tons Wild Hay.
1,260,000	1,350,000	Pounds Wool.

1917 CROP.

56,000,000	Bu. Wheat.
5,310,000	Bu. Corn.
38,625,000	Bu. Oats.
22,812,000	Bu. Barley.
9,880,000	Bu. Rye.
000	Bu. Buckwheat.
3,764,000	Bu. Flaxseed.
000	Bu. Rice.
3,870,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
484,000	Tons Tame Hay.
1,417,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
000	Bu. Peaches.
000	Bu. Pears.
000	Bu. Apples.

OHIO

Has 272,045 Farms.
Average 88.6 Acres.

2,101,978 Farm Population.

1916.	LIVE STOCK.	1917.
922,000	Dairy Cows.	950,000
872,000	Other Cattle.	863,000
3,713,000	Swine.	3,527,000
3,067,000	Sheep.	2,944,000
5,600	Goats.	6,000
901,000	Horses.	892,000
26,000	Mules.	26,000

LIVE STOCK, 1918.

940,000	Dairy Cows.
954,000	Other Cattle.
3,774,000	Swine.
3,091,000	Sheep.
883,000	Horses.
26,000	Mules.

1915 1916 CROPS.

40,194,000	20,250,000	Bu. Wheat.
156,040,000	115,762,000	Bu. Corn.

69,003,000	48,076,000	Bu. Oats.
930,000	917,000	Bu. Barley.
1,750,000	1,088,000	Bu. Rye.
414,000	336,000	Bu. Buckwheat.
12,546,000	6,300,000	Bu. White Potatoes.
95,000	99,000	Bu. Sweet Potatoes.
1,058	1,097	Acres Celery.
27,100	11,000	Tons Cabbage.
272,034	1,445,109	Bu. Onions.
4,049,000	4,867,000	Tons Tame Hay.
3,000	3,000	Tons Wild Hay.
34,320,000	95,000,000	Pounds Tobacco.
289,000	183,000	Tons Sugar Beets.
5,984,000	2,867,000	Barrels Apples.
2,399,000	1,305,000	Bu. Peaches.
560,000	376,000	Bu. Pears.
13,600,000	13,650,000	Pounds Wool.

1917 CROP.

41,140,000	Bu. Wheat.
150,100,000	Bu. Corn.
78,100,000	Bu. Oats.
1,320,000	Bu. Barley.
430,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
16,000,000	Bu. White Potatoes.
95,000	Bu. Sweet Potatoes.
4,154,000	Tons Tame Hay.
3,000	Tons Wild Hay.
99,072,000	Lbs. Tobacco.
000	Bales Cotton.
242,300	Tons Sugar Beets.
35,000	Bu. Beans.
38,610	Tons Cabbage.
171,000	Bu. Clover Seed.
6,336,000	Bu. Apples.
496,000	Bu. Peaches.
334,000	Bu. Pears.

OKLAHOMA

Has 190,192 Farms.
Average 151.7 Acres.

1,337,000 Farm Population.

1916.	LIVE STOCK.	1917.
519,000	Dairy Cows.	535,000
1,186,000	Other Cattle.	1,222,000
1,431,000	Swine.	1,372,000
95,000	Sheep.	104,000
22,000	Goats.	26,000
743,000	Horses.	743,000
282,000	Mules.	276,000
5,900	Jack Stock.	6,000

LIVE STOCK, 1918.

562,000	Dairy Cows.
1,404,000	Other Cattle.
1,219,000	Swine.
208,000	Sheep.
737,000	Horses.
276,000	Mules.

1915 1916 CROPS.

36,540,000	29,585,000	Bu. Wheat.
123,900,000	53,325,000	Bu. Corn.
37,800,000	15,070,000	Bu. Oats.
212,000	100,000	Bu. Barley.
81,000	90,000	Bu. Rye.
2,975,000	1,802,000	Bu. White Potatoes.
1,380,000	962,000	Bu. Sweet Potatoes.
1,053,000	825,000	Tons Tame Hay.
791,000	645,000	Tons Wild Hay.
630,000	835,000	Bales Cotton.
780,000	275,000	Bu. Apples.
2,408,000	390,000	Bu. Peaches.
68,000	11,000	Bu. Pears.
490,000	500,000	Pounds Wool.

1917 CROP.

36,650,000	Bu. Wheat.
33,150,000	Bu. Corn.
26,450,000	Bu. Oats.
162,000	Bu. Barley.
90,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
2,484,000	Bu. White Potatoes.
1,350,000	Bu. Sweet Potatoes.
920,000	Tons Tame Hay.
450,000	Tons Wild Hay.
000	Lbs. Tobacco.
890,000	Bales Cotton.
000	Tons Sugar Beets.
000	Bu. Beans.
22,400,000	Bu. Kafirs.
26,250	Tons Broom Corn.
544,000	Bu. Peanuts.
1,300,000	Bu. Apples.
1,150,000	Bu. Peaches.
45,000	Bu. Pears.

OREGON

Has 45,705 Farms.
Average 256.8 Acres.

365,705 Farm Population.

1916.	LIVE STOCK.	1917.
21,600	Dairy Cows.	222,000
553,000	Other Cattle.	577,000
396,000	Swine.	315,000
2,563,000	Sheep.	2,484,000
185,000	Goats.	188,000
295,000	Horses.	286,000
10,000	Mules.	10,000

LIVE STOCK, 1918.

227,000	Dairy Cows.
683,000	Other Cattle.
309,000	Swine.
2,448,000	Sheep.
309,000	Horses.
10,000	Mules.

1915 1916 CROPS.

20,025,000	19,550,000 Bu. Wheat.
1,155,000	1,340,000 Bu. Corn.
16,060,000	17,280,000 Bu. Oats.
4,680,000	5,390,000 Bu. Barley.
414,000	510,000 Bu. Rye.
5,520,000	8,250,000 Bu. White Potatoes.
276,400	363,500 Bu. Onions.
1,870,000	1,955,000 Tons Tame Hay.
268,000	220,000 Tons Wild Hay.
1,043,000	1,285,000 Barrels Apples.
432,000	276,000 Bu. Peaches.
525,000	555,000 Bu. Pears.
14,320,000	13,200,000 Pounds Wool.

1917 CROP.

12,811,000	Bu. Wheat.
1,260,000	Bu. Corn.
9,125,000	Bu. Oats.
5,278,000	Bu. Barley.
356,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
8,100,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,638,000	Tons Tame Hay.
218,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
5,000,000	Lbs. Hops.
30,000	Bu. Clover Seed.
3,500,000	Bu. Apples.
250,000	Bu. Peaches.
600,000	Bu. Pears.

PENNSYLVANIA

Has 219,295 Farms.
Average 84.8 Acres.

3,034,441 Farm Population.

1916.	LIVE STOCK.	1917.
971,000	Dairy Cows.	930,000
657,000	Other Cattle.	664,000
1,210,000	Swine.	1,174,000
856,000	Sheep.	835,000
3,800	Goats.	4,000
602,000	Horses.	596,000
47,000	Mules.	48,000

LIVE STOCK, 1918.

960,000	Dairy Cows.
717,000	Other Cattle.
1,291,000	Swine.
913,000	Sheep.
590,000	Horses.
48,000	Mules.

1915 1916 CROPS.

24,605,000	26,125,000 Bu. Wheat.
58,520,520	56,550,000 Bu. Corn.
43,320,000	25,030,000 Bu. Oats.
236,000	300,000 Bu. Barley.
4,932,000	4,420,000 Bu. Rye.
5,754,000	3,780,000 Bu. Buckwheat.
20,160,000	19,040,000 Bu. White Potatoes.
105,000	100,000 Bu. Sweet Potatoes.
2,737	2,553 Acres Celery.
101,000	74,400 Bu. Onions.
4,340,000	5,208,000 Tons Tame Hay.
14,000	23,000 Tons Wild Hay.
42,390,000	49,096,000 Pounds Tobacco.
5,085,000	6,207,000 Barrels Apples.
2,044,000	1,058,000 Bu. Peaches.
494,000	509,000 Bu. Pears.
4,030,000	4,225,000 Pounds Wool.

1917 CROP.

24,482,000	Bu. Wheat.
62,212,000	Bu. Corn.

41,125,000	Bu. Oats.
364,000	Bu. Barley.
4,420,000	Bu. Rye.
6,300,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
29,532,000	Bu. White Potatoes.
110,000	Bu. Sweet Potatoes.
4,329,000	Tons Tame Hay.
15,000	Tons Wild Hay.
58,100,000	Lbs. Tobacco.
104,000	Bu. Beans.
7,000	Bu. Clover Seed.
12,150,000	Bu. Apples.
1,440,000	Bu. Peaches.
448,000	Bu. Pears.

RHODE ISLAND

Has 5,292 Farms.
Average 83.8 Acres.

17,956 Farm Population.

1916.	LIVE STOCK.	1917.
22,000	Dairy Cows.	22,000
10,000	Other Cattle.	11,000
15,000	Swine.	14,000
6,000	Sheep.	5,000
9,000	Horses.	8,000

LIVE STOCK, 1918.

21,000	Dairy Cows.
12,000	Other Cattle.
16,000	Swine.
6,000	Sheep.
8,000	Horses.

1915 1916 CROPS.

516,000	341,000 Bu. Corn.
66,000	54,000 Bu. Oats.
550,000	370,000 Bu. White Potatoes.
71,000	81,000 Tons Tame Hay.
1,000	1,000 Tons Wild Hay.
59,000	87,000 Barrels Apples.
29,000	14,000 Bu. Peaches.
10,000	14,000 Bu. Pears.
25,000	25,000 Pounds Wool.

1917 CROP.

000	Bu. Wheat.
546,000	Bu. Corn.
62,000	Bu. Oats.
000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
675,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
90,000	Tons Tame Hay.
1,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
198,000	Bu. Apples.
20,000	Bu. Peaches.
7,000	Bu. Pears.

SOUTH CAROLINA

Has 176,434 Farms.
Average 76.6 Acres.

1,290,568 Farm Population.

1916.	LIVE STOCK.	1917.
189,000	Dairy Cows.	189,000
215,000	Other Cattle.	215,000
917,000	Swine.	920,000
30,000	Sheep.	30,000
27,000	Goats.	26,000
84,000	Horses.	85,000
171,000	Mules.	174,000

LIVE STOCK, 1918.

193,000	Dairy Cows.
232,000	Other Cattle.
9,975,000	Swine.
31,000	Sheep.
85,000	Horses.
179,000	Mules.

1915 1916 CROPS.

2,430,000	2,226,000 Bu. Wheat.
35,558,000	32,008,000 Bu. Corn.
9,975,000	9,000,000 Bu. Oats.
30,000	49,000 Bu. Rye.
90,000	49,000 Bu. Rice.
880,000	730,000 Bu. White Potatoes.
6,285,000	5,676,000 Bu. Sweet Potatoes.
286,000	325,000 Tons Tame Hay.
14,000	15,000 Tons Wild Hay.
1,160,000	920,000 Bales Cotton.
37,700,000	20,280,000 Pounds Tobacco.
221,000	196,000 Barrels Apples.

864,000	541,000 Bu. Peaches.
91,000	56,000 Bu. Pears.
100,000	95,000 Pounds Wool.
1917 CROP.	
1,838,000	Bu. Wheat.
43,947,000	Bu. Corn.
6,000,000	Bu. Oats.
000	Bu. Barley.
170,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
75,000	Bu. Rice.
1,440,000	Bu. White Potatoes.
7,600,000	Bu. Sweet Potatoes.
280,000	Tons Tame Hay.
10,000	Tons Wild Hay.
51,120,000	Lbs. Tobacco.
1,235,000	Bales Cotton.
450,000	Bu. Peanuts.
818,000	Bu. Apples.
1,130,000	Bu. Peaches.
-100,000	Bu. Pears.

SOUTH DAKOTA

Has 77,644 Farms.
Average 335.1 Acres.

507,215 Farm Population.

1916.	LIVE STOCK.	1917.
485,000	Dairy Cows.	524,000
1,064,000	Other Cattle.	1,181,000
1,314,000	Swine.	1,432,000
604,000	Sheep.	658,000
2,100	Goats.	2,400
759,000	Horses.	774,000
15,000	Mules.	15,000

LIVE STOCK, 1918.

555,000	Dairy Cows.
1,438,000	Other Cattle.
1,504,000	Swine.
750,000	Sheep.
811,000	Horses.
16,000	Mules.

1915 1916 CROPS.

63,762,000	24,825,000 Bu. Wheat.
94,250,000	84,075,000 Bu. Corn.
72,450,000	56,425,000 Bu. Oats.
24,000,000	18,728,000 Bu. Barley.
3,900,000	4,500,000 Bu. Rye.
1,650,000	1,395,000 Bu. Flaxseed.
7,280,000	4,290,000 Bu. White Potatoes.
1,220,000	1,387,000 Tons Tame Hay.
4,340,000	3,909,000 Tons Wild Hay.
100,000	116,000 Barrels Apples.
3,150,000	3,560,000 Pounds Wool.

1917 CROP.

52,024,000	Bu. Wheat.
97,150,000	Bu. Corn.
65,450,000	Bu. Oats.
26,520,000	Bu. Barley.
5,600,000	Bu. Rye.
000	Bu. Buckwheat.
950,000	Bu. Flaxseed.
000	Bu. Rice.
7,200,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,102,000	Tons Tame Hay.
2,925,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
349,000	Bu. Apples.
000	Bu. Peaches.
000	Bu. Pears.

TENNESSEE

Has 246,012 Farms.
Average 81.5 Acres.

1,743,744 Farm Population.

1916.	LIVE STOCK.	1917.
366,000	Dairy Cows.	366,000
518,000	Other Cattle.	528,000
1,531,000	Swine.	1,485,000
601,000	Sheep.	650,000
43,000	Goats.	44,000
349,000	Horses.	350,000
272,000	Mules.	270,000
7,900	Jack Stock.	8,000

LIVE STOCK, 1918.

373,000	Dairy Cows.
554,000	Other Cattle.
1,634,000	Swine.
606,000	Sheep.
350,000	Horses.
273,000	Mules.

1915	1916	CROPS.
9,030,000	7,953,000	Bu. Wheat.
94,500,000	84,500,000	Bu. Corn.
8,746,000	7,560,000	Bu. Oats.
144,000	237,000	Bu. Barley.
189,000	150,000	Bu. Rye.
54,000	000	Bu. Buckwheat.
3,168,000	2,953,000	Bu. White Potatoes.
2,835,000	2,700,000	Bu. Sweet Potatoes.
1,396,000	1,449,000	Tons Tame Hay.
32,000	38,000	Tons Wild Hay.
295,000	378,000	Bales Cotton.
69,675,000	81,760,000	Pounds Tobacco.
2,025,000	1,772,000	Barrels Apples.
2,460,000	1,080,000	Bu. Peaches.
195,000	59,000	Bu. Pears.
1,370,000	1,870,000	Pounds Wool.

1917 CROP.

4,830,000	Bu. Wheat.
111,150,000	Bu. Corn.
7,350,000	Bu. Oats.
120,000	Bu. Barley.
120,000	Bu. Rye.
68,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
4,888,000	Bu. White Potatoes.
2,850,000	Bu. Sweet Potatoes.
1,142,000	Tons Tame Hay.
31,000	Tons Wild Hay.
81,810,000	Lbs. Tobacco.
206,000	Bales Cotton.
60,000	Bu. Beans.
450,000	Bu. Peanuts.
12,000	Bu. Clover Seed.
5,000,000	Bu. Apples.
900,000	Bu. Peaches.
75,000	Bu. Pears.

TEXAS

Has 417,770 Farms.
Average 269.1 Acres.

2,958,438 Farm Population.

1916.	LIVE STOCK.	1917.
1,119,000	Dairy Cows.	1,175,000
5,428,000	Other Cattle.	5,482,000
3,197,000	Swine.	3,229,000
2,156,000	Sheep.	2,328,000
1,135,000	Goats.	1,150,000
1,180,000	Horses.	1,156,000
768,000	Mules.	760,000
20,000	Jack Stock.	21,000

LIVE STOCK, 1918.

1,128,000	Dairy Cows.
4,660,000	Other Cattle.
3,068,000	Swine.
2,188,000	Sheep.
1,212,000	Horses.
808,000	Mules.

1915 1916 CROPS.

22,862,000	13,200,000	Bu. Wheat.
175,070,000	131,100,000	Bu. Corn.
44,375,000	42,750,000	Bu. Oats.
252,000	153,000	Bu. Barley.
34,000	20,000	Bu. Rye.
7,930,000	10,575,000	Bu. Rice.
2,730,000	2,000,000	Bu. White Potatoes.
5,880,000	7,120,000	Bu. Sweet Potatoes.
765,000	576,000	Tons Tame Hay.
343,000	262,000	Tons Wild Hay.
3,175,000	3,775,000	Bales Cotton.
100,000	140,000	Pounds Tobacco.
187,000	156,000	Barrels Apples.
4,235,000	3,025,000	Bu. Peaches.
301,000	322,000	Bu. Pears.
9,750,000	10,250,000	Pounds Wool.

1917 CROP.

16,200,000	Bu. Wheat.
77,285,000	Bu. Corn.
37,050,000	Bu. Oats.
180,000	Bu. Barley.
20,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
6,210,000	Bu. Rice.
2,760,000	Bu. White Potatoes.
6,552,000	Bu. Sweet Potatoes.
450,000	Tons Tame Hay.
164,000	Tons Wild Hay.
134,000	Lbs. Tobacco.
3,115,000	Bales Cotton.
14,766,000	Bu. Kaffirs.
688	Tons Broom Corn.
16,200,000	Bu. Peanuts.
345,000	Bu. Apples.
2,352,000	Bu. Peaches.
280,000	Bu. Pears.

UTAH

Has 21,676 Farms.
Average 156.7 Acres.

200,417 Farm Population.

1916.	LIVE STOCK.	1917.
96,000	Dairy Cows.	91,000
408,000	Other Cattle.	408,000
112,000	Swine.	101,000
2,089,000	Sheep.	2,089,000
28,000	Goats.	29,000
146,000	Horses.	138,000
2,000	Mules.	2,000
1,100	Jack Stock.	1,200

LIVE STOCK, 1918.

96,000	Dairy Cows.
457,000	Other Cattle.
102,000	Swine.
2,340,000	Sheep.
145,000	Horses.
2,000	Mules.

1915 1916 CROPS.

8,825,000	6,900,000 Bu. Wheat.
412,000	429,000 Bu. Corn.
4,700,000	4,480,000 Bu. Oats.
1,445,000	1,224,000 Bu. Barley.
202,000	144,000 Bu. Rye.
2,500,000	3,600,000 Bu. White Potatoes.
985,000	845,000 Tons Tame Hay.
110,000	102,000 Tons Wild Hay.
691,000	941,000 Tons Sugar Beets.
142,000	33,000 Barrels Apples.
212,000	90,000 Bu. Peaches.
31,000	12,000 Bu. Pears.
15,000,000	15,000,000 Pounds Wool.

1917 CROP.

5,650,000	Bu. Wheat.
500,000	Bu. Corn.
4,400,000	Bu. Oats.
1,221,000	Bu. Barley.
104,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
4,347,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,137,000	Tons Tame Hay.
119,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
776,400	Tons Sugar Beets.
650,000	Bu. Apples.
900,000	Bu. Peaches.
48,000	Bu. Pears.

VERMONT

Has 32,709 Farms.
Average 142.6 Acres.

187,013 Farm Population.

1916.	LIVE STOCK.	1917.
273,000	Dairy Cows.	281,000
170,000	Other Cattle.	172,000
113,000	Swine.	113,000
100,000	Sheep.	100,000
89,000	Horses.	89,000

LIVE STOCK, 1918.

295,000	Dairy Cows.
189,000	Other Cattle.
120,000	Swine.
106,000	Sheep.
89,000	Horses.

1915 1916 CROPS.

30,000	25,000 Bu. Wheat.
2,256,000	1,935,000 Bu. Corn.
3,483,000	2,560,000 Bu. Oats.
420,000	412,000 Bu. Barley.
17,000	20,000 Bu. Rye.
216,000	210,000 Bu. Buckwheat.
2,592,000	2,576,000 Bu. White Potatoes.
1,310,000	1,666,000 Tons Tame Hay.
14,000	18,000 Tons Wild Hay.
150,000	160,000 Pounds Tobacco.
324,000	1,104,000 Barrels Apples.
17,000	24,000 Bu. Peaches.
590,000	580,000 Pounds Wool.

1917 CROP.

60,000	Bu. Wheat.
2,538,000	Bu. Corn.
3,168,000	Bu. Oats.
493,000	Bu. Barley.
20,000	Bu. Rye.
286,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.

3,000,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,531,000	Tons Tame Hay.
13,000	Tons Wild Hay.
165,000	Lbs. Tobacco.
100,000	Bu. Beans.
1,286,000	Bu. Apples.
000	Bu. Peaches.
14,000	Bu. Pears.

VIRGINIA

Has 184,018 Farms.
Average 105.9 Acres.

1,585,083 Farm Population.

1916.	LIVE STOCK.	1917.
359,000	Dairy Cows.	373,000
472,000	Other Cattle.	486,000
1,023,000	Swine.	1,023,000
734,000	Sheep.	686,000
7,000	Goats.	7,000
361,900	Horses.	361,000
64,000	Mules.	64,000

LIVE STOCK, 1918.

377,000	Dairy Cows.
510,000	Other Cattle.
1,105,000	Swine.
686,000	Sheep.
365,000	Horses.
65,000	Mules.

1915 1916 CROPS.

16,974,000	16,250,000 Bu. Wheat.
60,562,000	60,990,000 Bu. Corn.
5,625,000	5,750,000 Bu. Oats.
348,000	358,000 Bu. Barley.
1,015,000	938,000 Bu. Rye.
520,000	480,000 Bu. Buckwheat.
17,500,000	16,250,000 Bu. White Potatoes.
3,740,000	5,070,000 Bu. Sweet Potatoes.
945,000	1,066,000 Tons Tame Hay.
12,900	6,100 Tons Cabbage.
9,000	9,000 Tons Wild Hay.
16,800	29,000 Bales Cotton.
144,375,000	129,200,000 Pounds Tobacco.
4,393,000	4,433,000 Barrels Apples.
1,300,000	598,000 Bu. Peaches.
261,000	122,000 Bu. Pears.
1,835,000	1,900,000 Pounds Wool.

1917 CROP.

17,920,000	Bu. Wheat.
72,275,000	Bu. Corn.
5,512,000	Bu. Oats.
360,000	Bu. Barley.
1,155,000	Bu. Rye.
696,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
19,800,000	Bu. White Potatoes.
4,160,000	Bu. Sweet Potatoes.
986,000	Tons Tame Hay.
10,000	Tons Wild Hay.
129,500,000	Lbs. Tobacco.
16,000	Bales Cotton.
15,050	Tons Cabbage.
5,775,000	Bu. Peanuts.
9,974,000	Bu. Apples.
800,000	Bu. Peaches.
194,000	Bu. Pears.

WASHINGTON

Has 56,192 Farms.
Average 208.4 Acres.

536,460 Farm Population.

1916.	LIVE STOCK.	1917.
263,000	Dairy Cows.	263,000
221,000	Other Cattle.	275,000
314,000	Swine.	283,000
568,000	Sheep.	585,000
8,500	Goats.	9,000
308,000	Horses.	305,000
15,000	Mules.	18,000

LIVE STOCK, 1918.

266,000	Dairy Cows.
294,000	Other Cattle.
283,000	Swine.
661,000	Sheep.
309,000	Horses.
19,000	Mules.

1915 1916 CROPS.

50,394,000	37,635,000 Bu. Wheat.
1,053,000	1,406,000 Bu. Corn.
13,750,000	14,300,000 Bu. Oats.
7,263,000	6,814,000 Bu. Barley.
146,000	102,000 Bu. Rye.
8,235,000	9,900,000 Bu. White Potatoes.

232,400	299,628 Bu. Onions.
1,868,000	2,066,000 Tons Tame Hay.
32,000	42,000 Tons Wild Hay.
2,433,000	3,225,000 Barrels Apples.
566,000	415,000 Bu. Peaches.
564,000	551,000 Bu. Pears.
4,560,000	4,750,000 Pounds Wool.

1917 CROP.

29,218,000	Bu. Wheat.
1,517,000	Bu. Corn.
11,240,000	Bu. Oats.
4,930,000	Bu. Barley.
89,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
9,875,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,778,000	Tons Tame Hay.
41,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
128,000	Bu. Beans.
4,200,000	Lbs. Hops.
17,897,000	Bu. Apples.
504,000	Bu. Peaches.
595,000	Bu. Pears.

WEST VIRGINIA

Has 96,685 Farms.
Average 103.7 Acres.

992,877 Farm Population.

1916.	LIVE STOCK.	1917.
341,000	Dairy Cows.	245,000
362,000	Other Cattle.	369,000
378,000	Swine.	380,000
796,000	Sheep.	715,000
5,700	Goats.	6,000
194,000	Horses.	196,000
12,000	Mules.	12,000

LIVE STOCK, 1918.

245,000	Dairy Cows.
373,000	Other Cattle.
422,000	Swine.
751,000	Sheep.
196,000	Horses.
12,000	Mules.

1915 1916 CROPS.

4,500,000	4,640,000 Bu. Wheat.
25,200,000	22,112,000 Bu. Corn.
3,480,000	3,220,000 Bu. Oats.
224,000	320,000 Bu. Rye.
836,000	659,000 Bu. Buckwheat.
5,850,000	4,224,000 Bu. White Potatoes.
220,000	280,000 Bu. Sweet Potatoes.
1,095,000	1,270,000 Tons Tame Hay.
7,000	7,000 Tons Wild Hay.
9,831,000	12,690,000 Pounds Tobacco.
2,512,000	3,334,000 Barrels Apples.
1,164,000	520,000 Bu. Peaches.
63,000	42,000 Bu. Pears.
2,750,000	2,750,000 Pounds Wool.

1917 CROP.

4,410,000	Bu. Wheat.
25,020,000	Bu. Corn.
3,861,000	Bu. Oats.
000	Bu. Barley.
270,000	Bu. Rye.
900,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
7,475,000	Bu. White Potatoes.
280,000	Bu. Sweet Potatoes.
1,003,000	Tons Tame Hay.
7,000	Tons Wild Hay.
9,040,000	Lbs. Tobacco.
144,000	Bu. Beans.
5,994,000	Bu. Apples.
608,000	Bu. Peaches.
33,000	Bu. Pears.

WISCONSIN

Has 177,127 Farms.
Average 119.0 Acres.

1,329,540 Farm Population.

1916.	LIVE STOCK.	1917.
1,675,000	Dairy Cows.	1,750,000
1,313,000	Other Cattle.	1,340,000
2,142,000	Swine.	2,060,000
664,000	Sheep.	645,000
5,000	Goats.	5,000
712,000	Horses.	715,000
3,000	Mules.	3,000

LIVE STOCK, 1918.

1,785,000	Dairy Cows.
1,394,000	Other Cattle.
2,019,000	Swine.
651,000	Sheep.
708,000	Horses.
3,000	Mules.

1915 1916 CROPS.

4,632,000	3,315,000 Bu. Wheat.
40,825,000	60,840,000 Bu. Corn.
99,475,000	81,400,000 Bu. Oats.
23,288,000	18,306,000 Bu. Barley.
7,770,000	6,055,000 Bu. Rye.
234,000	280,000 Bu. Buckwheat.
94,000	60,000 Bu. Flaxseed.
25,926,000	13,630,000 Bu. White Potatoes.
134,500	58,000 Tons Cabbage.
36,000	31,000 Barrels Cranberries.
285,950	220,932 Bu. Onions.
4,508,000	4,420,000 Tons Tame Hay.
420,000	481,000 Tons Wild Hay.
36,900,000	55,753,000 Pounds Tobacco.
2,550,000	2,510,000 Tons Wool.
23,000	26,000 Bu. Pears.
1,473,000	875,000 Barrels Apples.

1917 CROP.

5,327,000	Bu. Wheat.
42,196,000	Bu. Corn.
99,000,000	Bu. Oats.
19,200,000	Bu. Barley.
7,585,000	Bu. Rye.
281,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
34,998,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
4,595,000	Tons Tame Hay.
427,000	Tons Wild Hay.
45,885,000	Lbs. Tobacco.
000	Bales Cotton.
262,000	Bu. Beans.
121,900	Tons Cabbage.
300,000	Bu. Clover Seed.
3,029,000	Bu. Apples.
000	Bu. Peaches.
000	Bu. Pears.

WYOMING

Has 10,987 Farms.
Average 717 Acres.

102,744 Farm Population.

1916.	LIVE STOCK.	1917.
50,000	Dairy Cows.	55,000
703,000	Other Cattle.	825,000
70,000	Swine.	69,000
4,338,000	Sheep.	4,381,000
3,000	Goats.	3,000
180,000	Horses.	191,000
2,000	Mules.	3,000

LIVE STOCK, 1918.

64,000	Dairy Cows.
891,000	Other Cattle.
54,000	Swine.
4,100,000	Sheep.
209,000	Horses.
4,000	Mules.

1915 1916 CROPS.

3,315,000	3,560,000 Bu. Wheat.
625,000	550,000 Bu. Corn.
9,334,000	8,575,000 Bu. Oats.
612,000	825,000 Bu. Barley.
180,000	155,000 Bu. Rye.
26,000	14,000 Bu. Flaxseed.
2,400,000	2,340,000 Bu. White Potatoes.
1,210,000	1,044,000 Tons Tame Hay.
299,000	255,000 Tons Wild Hay.
29,200,000	31,000,000 Pounds Wool.

1917 CROP.

4,206,000	Bu. Wheat.
660,000	Bu. Corn.
9,468,000	Bu. Oats.
783,000	Bu. Barley.
252,000	Bu. Rye.
000	Bu. Buckwheat.
20,000	Bu. Flaxseed.
000	Bu. Rice.
4,650,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
952,000	Tons Tame Hay.
300,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
000	Bu. Apples.
000	Bu. Peaches.
000	Bu. Pears.

LIVE STOCK BY COUNTRIES.

The following is a statement issued by the Department of Agriculture, showing the cattle, hogs, sheep and horses in different countries before the war and according to latest available reports. The before-the-war figures were obtained in 1913 and 1914 and the later reports in 1916 and 1917:

Country.	Before the War Number.	Latest Reports Number.
CATTLE.		
BRAZIL.....	30,705,000	28,962,000
CANADA.....	6,533,000	5,968,000
DENMARK.....	2,463,000	2,458,000
FRANCE.....	14,788,000	12,443,000
JAPAN.....	1,389,000	1,388,000
NETHERLANDS.....	2,097,000	2,304,000
NEW ZEALAND.....	2,020,000	2,503,000
NORWAY.....	1,146,000	1,119,000
PARAGUAY.....	2,461,000	5,249,000
RUMANIA.....	2,667,000	2,938,000
RUSSIA, European, excluding Poland.....	28,926,000	37,563,000
SPAIN.....	2,870,000	3,071,000
SWEDEN.....	2,721,000	2,913,000
SWITZERLAND.....	1,448,000	1,616,000
UNITED KINGDOM.....	12,145,000	12,342,000
UNITED STATES.....	56,592,000	66,830,000
URUGUAY.....	8,193,000	7,803,000

SHEEP.

BRAZIL.....	10,653,000	7,205,000
CANADA.....	2,175,000	2,009,000
DENMARK.....	515,000	480,000
FRANCE.....	16,213,000	10,587,000
NETHERLANDS.....	842,000	521,000
NEW ZEALAND.....	23,996,000	24,753,000
NORWAY.....	1,327,000	1,281,000
PARAGUAY.....	222,000	600,000
RUMANIA.....	5,269,000	7,811,000
RUSSIA, European, excluding Poland.....	37,691,000	59,951,000
SPAIN.....	16,441,000	16,012,000
SWEDEN.....	988,000	1,198,000
SWITZERLAND.....	161,000	172,000
UNITED KINGDOM.....	27,552,000	27,770,000
UNITED STATES.....	49,719,000	48,900,000

SWINE.

BRAZIL.....	18,399,000	17,329,000
CANADA.....	3,610,000	2,514,000
DENMARK.....	2,497,000	1,651,000
FRANCE.....	7,048,000	4,200,000
NETHERLANDS.....	1,350,000	1,185,000
NEW ZEALAND.....	349,000	278,000
NORWAY.....	228,000	221,000
PARAGUAY.....	37,000	61,000
RUMANIA.....	1,021,000	1,382,000
RUSSIA, European, excluding Poland.....	12,133,000	16,300,000
SPAIN.....	2,710,000	2,814,000
SWEDEN.....	968,000	1,065,000
SWITZERLAND.....	570,000	544,000
UNITED KINGDOM.....	3,940,000	2,999,000
UNITED STATES.....	58,983,000	71,374,000

HORSES.

CANADA.....	2,596,000	3,035,000
DENMARK.....	568,000	572,000
FRANCE.....	3,231,000	2,283,000
NEW ZEALAND.....	404,000	367,000
NORWAY.....	182,000	189,000
RUMANIA.....	825,000	1,219,000
RUSSIA, European, excluding Poland.....	20,601,000	23,008,000
SPAIN.....	542,000	489,000
SWEDEN.....	596,000	701,000
UNITED KINGDOM.....	1,915,000	2,181,000
UNITED STATES.....	20,962,000	21,563,000

It was The National Farmer and Stock Grower of St. Louis, Mo., that originated the movement whereby so many farmers are now raising their own pure-bred seed corn.

A book published in England by Butler, of Oxford, in 1609, was entitled "Feminine Monarchie; or, the History of Bees."

FRENCH HARVESTS.

Vice Consul Beeler, at Bordeaux, reports that the office of Commercial Information has just published the results of its inquiry

on the extent of the different harvests in France in 1917. The following are the figures of 1916 and 1917:

Crop.	1916.	1917.
Maize, Bushels.....	15,493,280	15,102,120
Millet, Bushels.....	564,357	1,072,607
Buckwheat, Bushels.....	10,044,503	15,667,006
Potatoes, Bushels.....	321,974,033	400,498,267
Rutabagas and Turnips, Bushels.....	92,304,300	92,832,813
Artichokes, Bushels.....	54,541,173	57,863,281
Cabbage, Forage, Tons.....	6,067,667	6,274,503
Sugar Beets, Tons.....	2,187,482	2,319,350
Beets.		
Forage, Tons.....	17,040,152	17,698,615
For Distilling, Tons.....	870,650	772,717
Hay, Tons.....	42,611,825	35,638,278
Flaxseed, Bushels.....	146,322	150,088
Hempseed, Bushels.....	181,412	92,184
Hops, Pounds.....	4,348,960	3,928,760
Tobacco, Pounds.....	32,212,180	17,106,540
Peas, Bushels.....	547,925	385,025
Beans:		
Dry, Bushels.....	3,008,753	3,567,723
Lima, Bushels.....	1,600,264	1,081,835
Lentils, Bushels.....	153,763	77,476

YEARLY MARKETING OF LIVE STOCK.

The following tabulated statement furnished by the United States Department of Agriculture gives the combined receipts and shipments of hogs, cattle and sheep at Chicago, Kansas City, Omaha, St. Louis, Sioux City, St. Joseph and St. Paul yearly since 1900. The receipts less shipments represent the home slaughter at the combined seven markets. The shipments include the stock sold for shipment and slaughter elsewhere.

CATTLE AT SEVEN MARKETS.

Year.	Receipts.	Shipments.	Slaughtered.
1900.....	7,179,344	3,793,308	3,386,036
1901.....	7,708,839	3,888,460	3,850,379
1902.....	8,375,408	4,292,705	4,082,703
1903.....	8,878,789	4,490,748	4,388,041
1904.....	8,690,699	4,552,554	4,138,145
1905.....	9,202,082	4,964,753	4,237,330
1906.....	9,373,825	5,026,689	4,347,136
1907.....	9,590,710	5,360,790	4,229,920
1908.....	8,827,360	4,956,751	3,890,629
1909.....	9,189,312	5,181,446	4,007,866
1910.....	9,116,687	6,122,946	3,993,743
1911.....	8,629,100	4,802,766	3,826,343
1912.....	8,061,494	4,818,648	3,242,846
1913.....	7,904,552	4,596,085	3,308,467
1914.....	7,182,239	3,933,663	3,248,576
1915.....	7,063,591	3,944,152	4,019,439
1916.....	9,319,851	4,713,700	4,606,151
1917.....	11,241,038	5,676,015	5,565,023

HOGS AT SEVEN MARKETS.

Year.	Receipts.	Shipments.	Slaughtered.
1900.....	18,573,177	5,336,826	13,236,351
1901.....	20,339,861	5,772,717	14,567,147
1902.....	17,289,427	4,130,675	13,158,752
1903.....	16,780,250	4,233,572	12,546,678
1904.....	17,778,827	5,254,545	12,524,282
1905.....	18,988,933	5,614,300	13,374,627
1906.....	19,228,792	5,440,333	13,788,459
1907.....	19,544,617	5,993,068	13,551,548
1908.....	22,863,701	7,288,403	15,575,298
1909.....	18,834,641	6,381,667	12,452,974
1910.....	14,853,472	4,628,760	12,224,712
1911.....	19,926,547	6,418,246	13,508,301
1912.....	19,771,825	6,096,906	13,674,919
1913.....	19,924,331	6,414,815	13,509,412
1914.....	18,272,091	5,816,069	12,456,022
1915.....	21,031,405	6,823,983	14,207,422
1916.....	25,345,802	8,264,752	17,081,050
1917.....	20,945,301	7,151,995	13,793,306

SHEEP AT SEVEN MARKETS.

Year.	Receipts.	Shipments.	Slaughtered.
1900.....	7,061,466	2,500,686	4,560,780
1901.....	7,798,359	2,712,866	5,085,493
1902.....	9,177,059	3,561,060	5,615,990
1903.....	9,680,692	3,983,310	5,697,382
1904.....	9,604,812	4,203,834	5,400,978
1905.....	10,572,259	4,725,872	5,846,387
1906.....	10,364,437	5,046,866	5,320,071
1907.....	9,857,877	4,510,000	5,388,877
1908.....	9,833,640	4,489,295	5,344,345
1909.....	10,284,905	4,172,888	6,112,517
1910.....	12,366,375	6,013,215	6,353,160
1911.....	13,521,492	5,891,034	7,630,458
1912.....	13,733,980	5,369,402	8,364,578
1913.....	14,037,839	6,046,260	7,991,570
1914.....	13,272,491	5,331,449	7,941,042
1915.....	11,160,246	4,370,504	6,789,742
1916.....	11,639,022	4,640,615	6,999,407
1917.....	10,017,353	4,534,480	5,482,864

Farmers and Laborers.

The United States Census is responsible for the figures presented herewith, and it shows that the working farm population was 12,389,840 in 1910, and by adding 10 per cent. the total now is 13,628,824. The laborers and farm foremen enumerated were included originally in 1910 in the list of farm laborers, but now it will be nearer the correct total if the farm foremen and garden laborers are allowed to represent the increase.

State.	Total Farmers.	Total Farm Laborers.	Farm Fore- men, Etc.	Garden, Etc., Laborers.
MAINE...	47,509	25,822	381	754
N. H....	20,175	14,339	284	536
N. J....	27,673	21,028	297	382
MASS...	28,897	38,575	1,502	8,910
R. I....	4,368	6,908	201	1,483
CONN...	21,514	24,501	631	3,011
N. Y....	197,458	175,427	2,857	17,275
N. J....	30,639	45,429	905	6,965
PENN...	190,509	162,084	2,381	8,917
DEL....	10,325	12,417	87	331
MD....	44,143	65,808	843	3,737
VA....	165,417	183,509	1,543	3,358
W. VA...	87,286	72,789	568	844
N. C....	242,456	359,881	1,067	1,482
S. C....	172,387	338,461	1,206	919
GA....	286,662	433,777	1,843	2,168
FLA....	47,690	70,063	1,099	3,425
OHIO...	253,263	164,198	2,127	5,461
IND....	206,475	136,496	1,536	1,862
ILL....	248,636	198,877	2,079	5,823
MICH...	190,771	122,106	1,324	2,693
WIS....	170,605	125,440	1,040	1,527
MINN...	155,867	122,828	932	1,922
IOWA...	215,290	138,434	1,371	1,835
MO....	274,412	178,801	1,552	2,668
N. D....	76,274	54,548	566	100
S. D....	77,235	47,452	305	136
NEB....	129,593	72,898	658	650
KAS....	179,014	95,061	963	1,198
KY....	252,463	199,933	1,038	1,433
TENN...	233,752	230,658	896	1,934
ALA....	256,046	406,205	985	1,479
MISS...	271,120	400,835	1,261	1,047
LA....	118,806	216,544	1,998	1,968
TEXAS...	417,529	510,239	1,824	3,303
OKLA...	194,684	153,532	641	474
ARK....	211,042	255,151	944	967
MONT...	28,206	25,205	336	587
WYO...	11,879	12,797	109	62
COLO...	48,646	36,117	474	1,557
N. M....	32,488	33,631	159	397
ARIZ...	9,524	12,211	134	187
UTAH...	20,479	16,762	97	421
NEV....	3,033	5,542	109	85
IDAHO...	32,064	23,393	260	421
WASH...	57,565	40,433	787	3,065
OREGON	46,070	33,312	536	1,969
CALIF...	90,696	121,202	2,855	422,199
U. S....	6,147,635	6,242,205	47,591	133,927

SCOTTISH AGRICULTURE.

The Board of Scottish Agriculture has issued a preliminary statement showing the estimated yield of wheat, barley, oats and hay in Scotland in the year 1917, with comparative figures for 1916:

Area.	1916.	1917.	Total Produce.
Acres.	Acres.	Bushels.	Bushels.
WHEAT.			
63,083	60,932	2,264,000	2,432,000
BARLEY.			
169,735	159,134	5,176,000	5,640,000
OATS.			
990,589	1,041,343	36,224,000	43,576,000
ROTATION GRASS.			
Acres.	Acres.	Long Tons.	Long Tons.
420,099	421,502	760,000	657,000
PERMANENT GRASS.			
114,787	112,758	178,000	141,000
TIMOTHY.			
44,436	47,594	97,000	103,000

ASPARAGUS, GREEN BEANS AND BEETS.

For general information, the number of farms reporting the production of asparagus, green beans and table beets are here given. The information was gained in a normal census year. The total amount of products is not included, for the reason that some of these vegetables have no standard units of packages. This is not an up-to-date report; it is, however, the latest obtainable.

Produc- State.	Asparagus, Farms.	Green Beans, Acres.	Table Beets, Acres.
ALA...	16	58	427
ARIZ...	9	17	27
ARIZ...	3	9	150
CALIF...	229	9,399	591
COLO...	73	103	74
CONN...	70	155	93
DEL...	183	410	11
D. C....	10	32	27
FLA...	3	6	1,547
GA....	17	75	596
IDAHO	.....	.....	16
ILL...	609	2,241	476
IND...	37	81	245
IOWA...	98	237	44
KAS...	63	120	75
KY....	44	62	3,589
LA....	2	11	400
MAINE	.....	.....	44
MD....	183	554	838
MASS...	327	776	370
MICH...	154	275	303
MINN...	83	149	54
MISS...	12	32	570
MONT...	75	103	384
NEB....	21	32	5
NEV...	9	27	2
N. H....	10	23	19
N. J....	1,343	5,148	1,286
N. M....	5	24	113
N. Y....	434	1,003	1,225
N. C....	41	138	1,263
N. D....	2	3	7
OHIO...	176	303	433
OKLA...	5	7	30
ORE...	19	74	58
PENN...	449	1,191	392
R. I....	24	93	66
S. C....	122	1,773	539
S. D....	4	6	11
TENN...	49	139	1,411
TEXAS...	18	50	597
UTAH...	48	99	14
VT....	3	9	24
VA....	79	301	1,131
WASH...	80	194	58
W. VA...	5	5	1,768
WIS...	54	87	160
WYO...	.....	.....	4
Total.	5,300	25,639	21,561

First Article on Corn.

In the year 1538, Thomas Hariot, a returned colonist belonging to the Sir Walter Raleigh expedition to Virginia, published in London the first article ever written on Indian corn grown in North America. It was again published in Frankfort and illustrated by De Bry, a wood engraver.

Farm Laborers' Wages.

In 1594, in Warwickshire, England, a farm laborer received four pence (8 cents) a day, with "meat and drink," or eightpence to tenpence finding himself. Mowers got eightpence (16 cents) with food, or fourtenpence (28 cents) without it; reapers, sixpence to twelpence, according to whether they boarded themselves or not.

TREES, SEEDS AND PLANTS.

A Directory Section of Agricultural Statistics Devoted to Growers of Seeds and Plants and to Buyers and Sellers Thereof.

This Directory Section of Agricultural Statistics is devoted to tree, plant and seed specialists and seed houses, wherever located. It will soon contain 500 names and addresses. We charge each firm one dollar a year to pay expense for the two lines and for a one-year subscription to the publication. The names appear for a year and continuously if the subscription is kept up. Extra lines, 50 cents per line. For an inch single-column advertisement in the Department of Seeds, Trees and Plants we charge \$6.00 a year, or \$12.00 for two inches. We invite advertising and subscriptions. Agricultural Statistics is sold all over the United States at 25 cents a copy.

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Seed Corn, CHAPPELLS, S. C.

AYE BROS., Special Producers of Pure-
Bred Seed Corn, BLAIR, NEB.

BAUER, J. A., Special Producer of Straw-
berry Plants, JUDSONIA, ARK.

BEAR CREEK FARM, J. T. Spier, Supt.,
Specialty, Seed Corn, HAMPTON, GA.

BELMONT FARM (J. Gid Morris), Seed
Cotton and Seed Corn, SMYRNA, GA.

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Box 233, CLARINDA, IA.

BISSELL, G. L., Breeder of Hand Tested
Seed Corn, OTTUMWA, IA.

BOYD, DOUGLAS, Wanamaker-Cleveland
Cotton Seed, GRIFFIN, GA.

BROWNING, DAN, Seed Farm, Velvet
Beans, Seed Corn, Millet, etc., HELENA, GA.

BRUCE WHOLESALE PLANT COM-
PANY, VALDOSTA, GA.

BUCKBEE, H. W., "Full of Life" Seeds
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Growers, PHILADELPHIA, PA.

BURT—THEO. BURT & SONS, Specialty,
Leaming Corn, MELROSE, OHIO.

BUSH, F. A., Seed Specialist, Peanuts,
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BUTZER'S SEED STORE, Catalogue
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Speckle Velvet Beans, WARTHEN, GA.

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Growers, BLOOMINGTON, ILL.

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and Flower, Box 73, WATERLOO, IA.

GRAVES, C. H. & J., Ear Tested Seed
Corn Specialists, ANTWERP, OHIO.

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HARRIS BROS. SEED COMPANY, "Harris
Seeds That Hustle," MT. PLEASANT, OHIO.

HARRIS, J. C., Improved Long Staple
Cotton Seed, McDONOUGH, GA.

HASTINGS, H. G., & COMPANY, Seed
Merchants, ATLANTA, GA.

HEATON, J. L., Heaton Early Big Boll
Cotton, CARROLLTON, GA.

HENKE, NELSON, Specialty, Cabbage
Plants, LIVONIA, LA.

HICKORY SEED COMPANY, Cow Peas
and Soja Beans, HICKORY, N. C.

HILL (D.) NURSERY CO., Growers of
Evergreens and Ornamentals, DUNDEE, ILL.

HOLMES-LEATHERMAN SEED CO., Spe-
cialty: Soy Beans, CANTON, OHIO.

HOLSINGER BROS., General Nursery
Stock, ROSEDALE, KAS.

HOME NURSERY COMPANY, Specialty,
Small Fruits, McCUNE, KAS.

HOPEDALE NURSERIES, Trees and
Plants, HOPEDALE, ILL.

HORN BROS. COMPANY, White Ensilage
Seed Corn, MONROEVILLE, OHIO.

HOYT—A. C. HOYT & CO., Pure Farm
Field Seeds, FORTORIA, OHIO.

HOYT, E. M., Ever-Bearing Strawberries,
ARVADA, COLO.

HUNTER, E. T., Pure-Bred Seed Corn,
HAUBSTADT, IND.

INDIANA NUT NURSERY (J. F. Wilkin-
son), Seedling Pecans, ROCKPORT, IND.

INLAND SEED COMPANY, Standard
Incubators, Etc., SPOKANE, WASH.

IOWA SEED COMPANY, 209 Walnut St.,
DES MOINES, IA.

JACOBSON, J., Good Reclaimed Alfalfa
Seed, FORMOSA, KAS.

JARMAN, L. W., Cleveland Big Boll, Sun-
beam Cotton Seed, COVINGTON, GA.

JEWELL, MRS. E., "Progressive" Ever-
bearing Strawberry Plants, GENTRY, ARK.

JUNG—J. W. JUNG SEED CO., Specialty,
Tomatoes, Lettuce, Etc., RANDOLPH, WIS.

KELLY GARDENS, Strawberries and Veg-
etables, Station B, SPOKANE, WASH.

KERR—THE JOHN S. KERR NURSERY
COMPANY, "The Careful Nurseryman,"
SHERMAN, TEXAS.

KOELL, W. H., Ever-Bearing Strawberry
Plants, HAMPTON, IA.

KRAMER—J. N. KRAMER & SON, Seeds-
men and Florists, CEDAR RAPIDS, IA.

KRIDER NURSERIES, Strawberries and
Other Small Fruits, GOSHEN, IND.

LAMBERT, PERRY H., Prize Winning
Seed Corn, HIAWATHA, KAS.

LANGFORD, MRS. F. L., Langford Big
Boll Cotton Seed, R. 29, COMMERCE, GA.

LENHARDT, R. S., Heavy Fruiter and
Big Bowl Cotton, CARNESVILLE, GA.

LEWIS, JOHN, Alfalfa and Kaffir Seed,
MADISON, KAS.

LUPTON, TOM, Selected Yellow Dent Seed Corn, R. 2, AURORA, MO.

MCCULLOUGH & TUMBACH, Wool and Furs, 105 North Main St., ST. LOUIS, MO.

McGINTY, R. C., Early Ninety-Day Seed Velvet Beans, GEORGETOWN, GA.

McNICOL, JAMES, Specialties, Cow Peas, Small Fruits, Etc., LOST SPRINGS, KAS.

MAPLEHURST NURSERIES, Trees, Fruit and Ornamentals, Packers' Station, KANSAS CITY, KAS.

MARTZ SEED COMPANY, Field, Garden and Flower Seeds, GRUNDY CENTER, IA.

MATT, PARKHURST, Corn Breeder, Mosby Seed Corn, NEWBURN, ALA.

MILLS SEED COMPANY, Seed Corn and Farm Seeds, WASHINGTON, IA.

MISSOURI SEED COMPANY, Seed Exporters and Importers, "Missouri Brand Seeds," 1426 St. Louis Ave., KANSAS CITY, MO.

MITCHELL'S NURSERY, All Kinds of Trees and Plants, BEVERLY, O.

MORGAN, H. K., Riverside Farm, Seed Corn, R. 5, SHELBYVILLE, TENN.

NORTH BEND NURSERIES, Strawberry Plants, Etc., NORTH BEND, NEB.

NORTHCUTT, R. H., Hembree or Summer-hour Seed Corn, MARIETTA, GA.

NORTHERN NURSERY COMPANY, 210 Barclay Block, DENVER, COLO.

OUTLAW PLANT CO., Frost Proof Cabbage Plants, HAHIRA, GA.

OZARK SEED AND PLANT COMPANY, Mail Order House, NASHVILLE, ARK.

PLANTERS' NURSERY, Trees, Plants, Seeds, WINFIELD, KAS.

PORTLAND SEED COMPANY, Diamond Quality Catalogue, PORTLAND, ORE.

PRUNTY, CHARLES E., Seed Merchant, 7 South Main St., ST. LOUIS, MO.

RIEBEL (F. M.), & SON, Seed Corn Specialists, ARBELA, MO.

ROBERTS, J. T., Cotton Seed Specialist and Grower, LOUISVILLE, GA.

ROPER, A. L., Cow Peas, Seed Corn and Cane Seed, ADAIRSVILLE, GA.

ROSS BROS. SEED COMPANY, Seed Book, Field and Garden Seeds, WICHITA, KAS.

ROWLAND & CO., Buyers and Growers of Cow Peas, AUGUSTA, GA.

ST. LOUIS SEED CO., also Poultry Supplies, 411 Washington Ave., ST. LOUIS, MO.

SALZER—JOHN A. SALZER SEED COMPANY, LA CROSSE, WIS.

SCARFF, W. N., Nursery and Seed Grower, NEW CARLISLE, PA.

SCHISLER (A. W.) FIELD AND GARDEN SEED CO., All Kinds of Field and Garden Seeds, 704 to 710 N. Fourth St., ST. LOUIS, MO.

SCHOEN & GORDON, Mfrs. of Peanut Sheller, Healey Bldg., ATLANTA, GA.

SCOTT, Z. L., Specialty, Scott's Marlboro Corn, CONCORD, GA.

SESSIONS, H. M., & SONS, Specialty, Seed Peanuts, ENTERPRISE, ALA.

SONDEREGGER NURSERIES AND SEED HOUSE, Specialty, Vegetables, BEATRICE, NEB.

SOUTHERN SEED FARM, W. T. Brooks, Prop., Cotton Seed, ARLINGTON, GA.

SPOKANE SEED COMPANY, Diamond Quality Seeds, SPOKANE, WASH.

STEINHEIMER, R. P., Specialty, Marlboro Seed Corn, BROOKS, GA.

STITT, R. G., & SON, Bermuda Grass Seed, Finest Quality, YUMA, ARIZONA.

STONE, L. A., Cotton Seed Specialist, ALLENDALE, S. C.

STOUT, H. T., Seed Corn Specialist, CRAWFORDSVILLE, IND.

TRENT, S. G., Specialty, Tested Seed Corn, HIAWATHA, KAS.

TROYER BROS., Seed Corn Specialists, LA FONTAINE, IND.

TRUSSELL, C. H., Early Speckled Velvet Beans, WARTHEN, GA.

VALLEY VIEW GARDENS, Ever-Bearing Strawberries, Gov. Inspected, Tiffin, OHIO.

WALLER (O. C.) & BROS., Strawberries and Other Plants, JUDSONIA, ARK.

WARREN COUNTY SEED CORN GROWERS' ASS'N., BOWLING GREEN, KY.

WATERS, W. P., Specialist, Seed Corn, Sorghum, Beans, PYATT, ARK.

WEBER (H. J.) & SONS NURSERY CO., Postoffice, NURSERY, ST. LOUIS CO., MO.

WELCH NURSERY, Ever-Bearing Strawberry Plants, SHENANDOAH, IA.

WESTON (A. M.) & CO., Specialty, Small Fruits, BRIDGMAN, MICH.

WICHITA NURSERIES, AND SEED HOUSE, Free Seed Book, WICHITA, KAS.

WING SEED COMPANY, Alfalfa and All Others, MECHANICSBURG, OHIO.

WRAGG NURSERY COMPANY, Fruits and Ornamentals, DES MOINES, IA.

BARLEY ON FARMS.

The amount of barley on farms, March 1st, 1917, was about 32,841,000 bushels, or 18.2 per cent. of the 1916 crop, against 58,301,000 bushels, or 25.5 per cent., of the 1915 crop on farms, March 1st, 1916, and 42,889,000 bushels, or 22.0 per cent., of the 1914 crop on farms, March 1st, 1915. About 43.4 per cent. of the crop will be shipped out of the counties where grown, against 43.2 per cent. of the 1915 crop and 45.1 per cent. of the 1914 crop so shipped.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
N. Y.....	546,000	762,000	415,000
ILL.....	438,000	496,000	307,000
MICH.....	608,000	627,000	416,000
WIS.....	4,423,000	5,368,000	2,928,000
MINN.....	8,240,000	10,675,000	5,748,000
IOWA.....	2,059,000	2,216,000	1,566,000
N. D.....	7,069,000	13,920,000	6,150,000
S. D.....	5,083,000	6,960,000	3,746,000
NEB.....	797,000	1,107,000	924,000
KAS.....	1,940,000	3,264,000	1,440,000
MONT.....	470,000	932,000	665,000
COLO.....	1,031,000	1,166,000	1,126,000
UTAH.....	374,000	303,000	184,000
IDAHO.....	1,336,000	1,702,000	1,260,000
WASH.....	1,349,000	1,453,000	1,022,000
OREGON.....	549,000	936,000	1,078,000
CALIF.....	5,468,000	5,127,000	2,999,000
U. S.....	42,889,000	58,301,000	32,841,000

OATS ON FARMS.

The amount of oats on farms, March 1st, 1917, was about 393,985,000 bushels, or 31.5 per cent. of the 1916 crop, against 598,148,000 bushels, or 38.6 per cent. of the 1915 crop on farms, March 1st, 1916, and 379,369,000 bushels, or 33.2 per cent., of the 1914 crop on farms, March 1st, 1915. About 28.3 per cent. of the crop will be shipped out of the counties where grown, against 30.1 per cent. of the 1915 crop and 29.4 per cent. of the 1914 crop so shipped.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
N. Y....	15,262,000	23,336,000	10,034,000
PENN....	12,554,000	18,628,000	12,260,000
OHIO....	15,601,000	26,911,000	14,423,000
IND....	10,773,000	21,622,000	14,700,000
ILL....	36,537,000	72,311,000	56,791,000
MICH....	20,501,000	27,632,000	14,515,000
WIS....	22,356,000	41,990,000	28,490,000
MINN....	31,494,000	56,357,000	28,196,000
IOWA....	61,050,000	79,200,000	67,266,000
MO.....	6,708,000	10,510,000	10,320,000
N. D....	27,909,000	52,920,000	21,500,000
S. D....	18,549,000	34,052,000	19,184,000
NEB....	29,232,000	31,680,000	35,145,000
KAS....	19,457,000	15,105,000	10,199,000
TEXAS..	4,725,000	11,715,000	6,412,000
OKLA..	6,958,000	12,028,000	2,111,000
MONT..	5,380,000	14,664,000	10,032,000
U. S....	379,369,000	598,148,000	393,985,000

The year 1617 is mentioned as the remarkable period of the first introduction of the labor of the plow in Virginia.

CANTALOUPE, WATERMELONS, PUMPKINS.

According to the last census enumeration, 16,278 farms occupy 52,419 acres with the production of cantaloupes (and muskmelons), 35,345 farms occupy 137,005 acres with the production of watermelons and 361 farms cultivate 1,163 acres for the special production of pumpkins. These tables being arranged side by side and state by state, form an interesting basis of information. It is the latest available.

State.	Cantaloupes.		Watermelons.		Pumpkins.	
	Farms.	Acres.	Farms.	Acres.	Farms.	Acres.
ALA...	122	285	1,786	4,708	1	2
ARIZ...	110	432	323	735	21	54
ARK...	448	994	1,768	3,410	.....	.....
CALIF.	656	5,784	983	6,065	137	511
COLO.	738	3,970	210	467	8	15
CONN.	70	159	30	54	4	7
DEL...	551	1,163	320	859	3	6
D. C.	32	69	5	9	1	2
FLA...	408	3,408	1,627	17,711	1	2
GA....	368	3,022	3,255	16,298	.....	.....
IDAHO.	61	213	213	1,065	1	1
ILL...	927	2,332	1,192	6,211	12	89
IND...	994	3,855	1,677	7,915	1	2
IOWA.	234	764	477	3,464	4	24
KAN...	203	417	1,029	3,317	4	24
KY....	357	594	779	1,690	.....	.....
LA....	209	371	800	1,278	1	1
MAINE.	3	4	.....	.....	4	5
MD....	1,193	3,516	658	2,432	2	4
MASS.	32	51	21	31	10	42
MICH.	841	1,829	238	439	5	19
MINN..	195	453	59	103	7	13
MISS..	66	122	1,054	1,794	.....	.....
MO....	758	1,701	1,709	10,727	7	11
MONT..	4	5	16	30	.....	.....
NEB...	61	112	295	725	5	16
NEV...	57	399	24	34	1	4
N. H...	7	9	.....	.....	1	1
N. J...	1,494	3,861	896	2,226	24	67
N. M...	131	491	154	287	16	24
N. Y...	529	978	71	89	14	35
N. C...	626	2,256	1,895	5,825	.....	.....
N. D...	815	1,665	377	777	6	8
OKLA.	258	655	1,623	5,923	4	7
OREGON.	61	113	104	563	7	8
PENN.	216	333	123	241	6	9
R. I...	21	48	3	5	1	20
S. C...	214	977	1,082	5,051	.....	.....
S. D...	18	31	119	212	10	12
TENN.	506	1,456	1,372	2,398	2	4
TEXAS.	795	1,685	5,271	18,466	12	71
UTAH.	109	192	87	137	2	2
VT....	13	31	4	10	2	6
VA....	491	969	1,301	3,159	5	12
WASH.	111	310	98	214	3	3
W. VA.	54	128	149	473	2	16
WIS...	111	187	105	168	4	5
WYO...	.....	.....	6	9	1	1

U. S. 16,278 52,419 35,345 137,005 361 1,163

MEAT PRODUCTS EXPORTED.

In the year 1914 meat products were exported to the value of \$137,737,493, which increased to \$259,064,321 in the year 1915, and increased again to the value of \$279,198,960 in the year 1916. The statement herewith is from the reports of the United States Department of Commerce.

	1914.	1915.	1916.
	Pounds.	Pounds.	Pounds.
Beef, canned	30,731,748	60,999,828	54,026,922
Bee, fresh...	31,422,462	268,813,397	181,979,031
Beef, pickled	23,779,449	42,746,813	36,681,148
Oleo Oil...	85,144,527	109,185,783	83,891,672
Oleomarg.	2,292,690	6,775,163	6,309,380
Tallow...	9,980,066	26,563,075	15,338,057
Racon...	184,267,850	524,138,245	592,617,529
Hams and S.	142,398,301	266,442,819	287,161,195
Lard...	438,015,898	451,286,439	426,659,599
Neut'l Lard.	21,797,521	35,389,918	27,314,774
Pork, canned.	2,786,415	7,928,914	7,263,042
Pork, fresh.	1,250,977	24,230,183	55,172,868
Pork, pickled	37,006,108	59,047,397	55,148,024
Lard Comp.	63,355,911	63,869,985	49,821,709
Mutton....	3,847,093	4,230,928	5,157,883
Sausage....	5,092,436	13,345,189	11,998,350

A pamphlet published in London in 1609 predicts that cotton would grow as well in Virginia as in Italy.

POP CORN, SWEET CORN AND GREEN PEAS.

The extent of acreage devoted to pop corn, sweet corn and to green peas, together with the number of farms engaged in each kind of industry, is presented herewith. The figures represent a normal year and were compiled by the United States Census.

State.	Pop Corn.		Sweet Corn.		Green Peas.	
	Farms.	Acres.	Farms.	Acres.	Farms.	Acres.
ALA...	12	16	57	175	191	426
ARIZ...	1	2	37	106	21	37
ARK...	16	24	74	145	79	180
CALIF.	59	361	809	2,854	787	3,427
COLO.	24	97	342	950	101	654
CONN.	12	19	902	2,142	124	232
DEL...	3	3	272	1,341	384	1,234
D. C.	.....	.....	23	47	20	40
FLA...	1	1	130	275	259	613
GA....	50	93	229	444	265	933
IDAHO.	9	13	64	115	24	95
ILL...	189	998	2,431	19,976	340	2,821
IND...	109	357	2,058	7,977	771	4,084
IOWA.	428	5,345	2,013	12,568	58	297
KAN...	193	520	1,423	3,653	55	357
KY....	15	19	409	1,103	411	678
LA....	67	89	251	1,218	86	182
MAINE.	8	11	3,549	8,693	158	257
MD....	9	17	2,630	18,387	1,179	6,030
MASS.	31	93	1,976	4,942	288	547
MICH.	200	362	2,433	5,726	926	4,548
MINN.	73	266	803	2,829	141	316
MISS..	4	6	51	112	257	435
MO....	87	226	1,174	2,858	97	301
MONT.	.....	.....	79	164	7	10
NEB...	213	2,167	851	3,167	5	7
NEV...	.....	.....	18	23	3	7
N. H...	8	16	267	589	26	33
N. J...	17	34	2,705	10,442	876	4,912
N. M...	1	7	20	41	12	16
N. Y...	188	344	6,584	23,739	4,501	16,992
N. C...	7	16	211	369	339	835
N. D...	4	9	75	141	6	16
OKLA.	54	98	4,501	17,298	532	2,000
OREGON.	14	54	211	457	60	116
PENN.	50	107	4,896	11,764	250	553
R. I...	4	4	317	790	76	205
S. C...	5	8	33	91	227	551
S. D...	31	91	194	579	6	82
TENN.	18	23	134	365	217	386
TEXAS.	62	93	167	418	311	742
UTAH.	8	16	75	120	138	323
VT....	8	48	285	1,110	26	39
VA....	10	18	751	2,101	1,053	2,292
WASH.	11	62	255	561	105	352
W. VA.	6	7	455	878	43	72
WIS...	54	184	936	3,789	1,340	11,182
WYO...	.....	.....	24	44	.....	.....

Total. 2,523 12,773 48,514 178,224 17,219 70,487

RICE PRODUCTION OF 1917.

The final estimate of rice production of 1917 shows an increased acreage. A reduction of the production from 47 bushels per acre in 1916 to 37.6 bushels in 1917 brought about the decreased total crop.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.....	400	27.0	12,000
ARK.....	146,300	41.0	5,994,000
CALIF.....	809,000	70.0	5,663,000
GA.....	800	25.0	27,000
LA.....	900	30.0	27,000
MISS.....	500,000	36.5	18,250,000
MO.....	2,100	30.0	63,000
N. O.....	400	45.0	18,000
S. C.....	300	26.0	8,000
S. O.....	3,000	25.0	75,000
TEXAS.....	230,000	27.0	6,210,000
U. S.....	964,100	37.6	36,278,000

Sir John Hawkins has been credited with introducing the potato in England in the year 1565.

Coffee, a native of Arabia, Felix and Ethiopia, was first introduced to the notice of Europeans by Ramulfus in 1573.

SMALL FRUITS.

The Number of Farms Reporting the Class of Berries Raised Upon Them.

In the United States, during the last census year, 1909, a total of 272,460 farms produced more or less small fruits and on some farms more than one berry was raised. The farms reported as raising strawberries were 216,544; blackberries and dewberries, 141,157; raspberries and Loganberries, 116,929; cranberries, 3,910; currants, 62,093; gooseberries, 58,567; and other berries, 609. The total production was 426,565 quarts, and valued at \$29,974,481. Ten years previous the number of farms reporting were 309,770, and the production was 426,218,612 quarts.

The tabulated statement presented herewith represents the number of farms in each state growing different kinds of berries.

State.	Strawberries, Farms....	Blackberries, Farms....	Raspberries, Farms....	Cranberries, Farms....	Currants, Farms....	Gooseberries, Farms....
ALA....	1,958	632	169	1	15	40
ARIZ....	68	40	17	.....	10	4
ARK....	3,869	1,430	449	4	58	391
CALIF..	2,282	3,190	2,524	12	364	343
COLO..	1,231	384	1,071	.....	1,049	842
CONN..	2,260	555	943	105	570	130
DELA..	3,625	650	237	.....	23	39
D.O.F.C.	16	2	2	.....	3	1
FLA....	1,014	210	8	.....	3	.....
GA....	1,394	648	159	.....	36	.....
IDAHO..	1,605	500	2,086	.....	1,374	1,390
ILL....	10,311	14,138	8	166	3,635	8,131
IND....	5,433	5,216	4,104	3	2,690	4,088
IA....	19,871	15,874	12,574	4	6,906	6,382
KANS..	3,967	6,912	1,678	.....	829	1,923
KY....	3,983	3,011	1,650	.....	295	1,336
LA....	874	187	7	.....	.....	.....
ME....	3,464	1,464	1,051	536	1,076	824
MD....	7,468	979	1,333	.....	366	365
MASS..	4,654	1,368	1,506	1,350	1,536	330
MICH..	16,798	4,707	11,075	91	3,458	1,637
MINN..	9,420	848	4,890	264	3,053	1,807
MISS..	785	672	100	.....	11	3
MO....	13,429	22,971	5,631	103	1,672	9,091
MONT..	619	129	361	1	654	350
NEB....	3,425	1,982	1,128	.....	1,669	2,016
NEV....	19	11	33	.....	79	99
N. J....	6,086	2,153	1,450	44	377	348
N. M....	1,594	52	657	238	838	139
N. M....	54	54	50	1	74	125
N. Y....	14,086	4,882	13,187	88	7,528	1,696
N. C....	5,668	2,655	331	5	89	127
N. D....	883	75	923	29	2,378	1,857
OHIO..	8,799	4,207	6,175	25	2,861	2,208
OKLA..	1,182	6,220	387	.....	212	151
ORE....	3,701	1,307	3,294	17	877	1,465
PENN..	13,515	4,892	8,990	55	5,375	1,999
R. I....	545	69	154	127	130	43
S. C....	1,383	675	79	.....	30	5
S. D....	1,836	112	519	7	1,448	1,271
TENN..	6,046	3,884	830	.....	52	141
TEX....	1,423	5,459	224	.....	49	11
UTAH..	1,049	247	1,291	.....	1,043	851
VT....	1,240	423	591	29	992	244
VA....	4,651	1,586	1,121	2	205	239
WASH..	4,323	1,818	3,617	4	1,287	1,199
W. VA..	2,408	3,829	3,905	.....	658	781
WIS....	12,084	2,272	6,132	229	3,853	1,841
WYO....	146	6	80	.....	303	234

The Jesuit Fathers planted pears in the region of the Great American Lakes in 1562.

Small Fruits.

The figures below are census figures, showing the total acreage in small fruits in all states, acreage 1899 and 1909, side by side, and production of small fruits in the last census year. No later figures are available:

State.	1899, Acres.	1909, Acres.	Production, 1909, Quarts.
ALABAMA....	761	1,232	1,907,193
ARIZONA....	79	76	112,190
ARKANSAS....	10,819	8,032	8,965,572
CALIFORNIA..	6,281	9,687	26,824,120
COLORADO....	2,347	3,829	4,294,988
CONNECTICUT..	1,987	1,597	3,823,522
DELAWARE....	10,599	8,687	14,425,209
DIST. OF COL..	82	12	24,109
FLORIDA....	4,348	1,356	2,396,573
GEORGIA....	1,634	988	1,362,155
IDAHO....	937	1,673	2,071,141
ILLINOIS....	16,794	11,723	13,602,676
INDIANA....	13,115	5,919	7,424,831
IOWA....	9,635	7,211	10,344,032
KANSAS....	5,824	5,400	5,477,274
KENTUCKY....	6,126	4,387	4,972,702
LOUISIANA....	1,408	3,587	6,420,207
MAINE....	1,585	1,260	2,285,415
MARYLAND....	17,522	16,595	26,277,054
MASSACHUSETTS	8,346	9,552	29,260,143
MICHIGAN....	29,197	21,419	27,214,639
MINNESOTA....	3,092	3,738	4,476,575
MISSISSIPPI..	1,594	836	1,407,301
MISSOURI....	14,860	17,009	23,696,221
MONTANA....	554	562	766,791
NEBRASKA....	1,171	1,411	1,594,421
NEVADA....	53	37	50,287
N. HAMPSHIRE	730	618	998,244
NEW JERSEY..	25,350	24,069	38,832,987
NEW MEXICO..	48	66	76,532
NEW YORK....	25,051	22,496	37,857,829
N. CAROLINA..	6,837	6,701	12,827,427
N. DAKOTA....	67	399	285,696
OHIO....	21,121	11,591	15,721,033
OKLAHOMA....	1,388	2,745	2,310,367
OREGON....	3,470	5,122	9,348,490
PENNSYLV'IA..	12,271	8,678	13,620,047
R. ISLAND....	581	281	437,560
S. CAROLINA..	591	856	1,408,099
S. DAKOTA....	161	419	401,295
TENNESSEE....	12,944	12,539	13,895,493
TEXAS....	3,904	5,053	6,182,742
UTAH....	1,052	1,416	3,118,395
VERMONT....	418	469	826,122
VIRGINIA....	8,796	7,295	11,342,080
WASHINGTON..	2,845	5,508	13,490,930
W. VIRGINIA..	1,994	2,913	2,336,562
WISCONSIN....	12,389	6,305	9,782,779
WYOMING....	37	106	96,833
	309,770	272,460	426,565,863

Marketings of Wheat.

One table below explains by quantity when the wheat crop is sold by farmers, and the other table shows the same result by percentage. We have taken some liberties with the government report to make it handier and fit the minds of the inquirers.

Estimated Amount Sold Monthly by Farmers (Millions of Bushels).	1913.	1914.	1915.	1916.	Per Cent. of Year's Sales.	1913.	1914.	1915.	1916.
JAN.	38	44	41	58	5.7	6.7	5.1	6.8	6.8
FEB.	31	32	46	58	5.4	4.8	5.7	6.8	6.8
MCH.	22	28	26	32	3.7	4.2	3.3	3.8	3.8
APR.	22	19	37	33	3.4	2.9	4.6	3.9	3.9
MAY.	25	23	22	40	3.8	3.5	2.7	4.7	4.7
JUNE.	25	25	17	31	3.3	3.8	2.1	3.6	3.6
JULY.	54	108	111	60	8.4	16.3	17.5	7.1	7.1
AUG.	88	88	106	91	13.9	13.4	13.2	11.0	11.0
SEPT.	104	94	125	122	16.4	14.3	15.5	14.4	14.4
OCT.	103	85	100	123	12.9	12.8	12.5	14.5	14.5
NOV.	69	64	83	105	8.4	9.7	10.3	12.4	12.4
DEC.	55	50	60	94	6.4	7.6	7.5	11.0	11.0

Total 635 660 804 850 100.0 100.0 100.0 100.0

Corn on Farms, March 1st, 1918.

In the year 1918, according to the Department of Agriculture, 49.5 per cent. of the corn crop was on farms on March 1st, against 30.5 per cent. a year ago, and a ten-year average of 36.9. In 1917, on March 1st, corn on farms actually amounted to 782,303 bushels, and in 1918 the total is 1,292,905 bushels.

State.	Shipped Out, Bushels.	On Hand, of on Farms.	Per Cent. Crop.
ALA.....	10,036,000	41,688,000	54
ARIZ.....	35,000	173,000	20
ARK.....	7,392,000	28,896,000	43
CALIF.....	408,000	3,600,000	15
COLO.....	1,596,000	3,724,000	35
CONN.....	145,000	1,036,000	35
DEL.....	2,502,000	3,988,000	51
FLA.....	971,000	5,550,000	40
GA.....	5,760,000	39,600,000	55
IDAHO.....	14,000	41,000	6
ILL.....	167,200,000	192,280,000	46
IND.....	44,756,000	85,443,000	42
IOWA.....	102,675,000	151,959,000	37
KAS.....	26,919,000	35,892,000	28
KY.....	13,514,000	55,282,000	45
LA.....	2,112,000	16,053,000	38
MAINE.....	.....	117,000	15
MD.....	9,547,000	14,040,000	50
MASS.....	28,000	1,122,000	40
MICH.....	376,000	6,020,000	16
MINN.....	11,700,000	19,800,000	22
MISS.....	13,448,000	41,184,000	49
MO.....	70,560,000	105,840,000	42
MONT.....	.....	101,000	10
NEB.....	99,792,000	139,709,000	56
NEV.....	1,000	6,000	10
N. H.....	.....	240,000	22
N. J.....	1,333,000	5,747,000	45
N. M.....	1,700,000	5,680,000	20
N. Y.....	260,000	5,208,000	20
N. C.....	3,000,000	30,600,000	51
N. D.....	.....	159,000	3
OHIO.....	21,014,000	61,541,000	41
OKLA.....	1,658,000	6,298,000	19
OREGON.....	38,000	126,000	10
PENN.....	7,465,000	23,018,000	37
R. I.....	66,000	224,000	51
S. C.....	1,318,000	23,731,000	54
S. D.....	30,116,000	31,088,000	32
TENN.....	23,342,000	52,240,000	47
TEXAS.....	778,000	12,452,000	16
UTAH.....	5,000	70,000	14
VT.....	.....	761,000	30
VA.....	8,673,000	36,138,000	50
WASH.....	91,000	182,000	12
W. VA.....	1,001,000	7,506,000	30
WIS.....	.....	4,220,000	10
WYO.....	7,000	112,000	17
U. S.....	692,022,000	1,292,905,000	50

WEIGHTS OF HORSES AND MULES.

The following statement issued by the United States Department of Agriculture gives average weight of matured horses and mules in different states:

States.	Horses. Pounds.	Mules. Pounds.
MAINE.....	1,325	1,050
NEW HAMPSHIRE.....	1,270	1,050
VERMONT.....	1,200	1,000
MASSACHUSETTS.....	1,255	1,040
RHODE ISLAND.....	1,290	1,020
CONNECTICUT.....	1,220	1,040
NEW YORK.....	1,180	995
NEW JERSEY.....	1,220	1,010
PENNSYLVANIA.....	1,210	1,000
DELAWARE.....	1,080	920
MARYLAND.....	1,150	995
VIRGINIA.....	1,100	950
WEST VIRGINIA.....	1,165	950
NORTH CAROLINA.....	980	880
SOUTH CAROLINA.....	950	925
GEORGIA.....	940	970
FLORIDA.....	850	970
OHIO.....	1,310	1,040
ILLINOIS.....	1,270	1,050
INDIANA.....	1,255	1,040
MICHIGAN.....	1,295	1,040
WISCONSIN.....	1,300	1,025
MINNESOTA.....	1,305	1,035
IOWA.....	1,320	1,050

Oats on Farms, March 1st, 1918.

On March 1st, in the United States, 51.2 per cent. of the crop of oats had been shipped out of the county where grown, and 37.5 per cent. remained on the farms. The previous year the percentage on farms was 31.5 and the ten-year average 35.8.

State.	Shipped Out, Bushels.	On Hand, of Bushels.	Per Cent. Crop.
ALA.....	292,000	778,000	8
ARIZ.....	12,000	80,000	20
ARK.....	666,000	2,666,000	28
CALIF.....	1,852,000	686,000	10
COLO.....	1,781,000	3,563,000	32
CONN.....	.....	290,000	44
DEL.....	17,000	92,000	25
FLA.....	15,000	92,000	12
GA.....	312,000	728,000	7
IDAHO.....	4,180,000	2,194,000	21
ILL.....	139,308,000	102,648,000	42
IND.....	32,105,000	26,754,000	35
IOWA.....	113,505,000	106,102,000	43
KAS.....	15,577,000	21,241,000	30
KY.....	403,000	2,337,000	29
LA.....	131,000	169,000	9
MAINE.....	49,000	1,479,000	30
MD.....	204,000	437,000	30
MASS.....	4,000	111,000	25
MICH.....	11,851,000	20,933,000	37
MINN.....	31,265,000	44,492,000	37
MISS.....	228,000	456,000	39
MO.....	18,944,000	23,088,000	39
MONT.....	1,632,000	3,400,000	25
NEB.....	46,178,000	63,491,000	55
NEV.....	28,000	112,000	20
N. H.....	.....	160,000	30
N. J.....	248,000	993,000	40
N. M.....	270,000	297,000	22
N. Y.....	1,339,000	17,850,000	40
N. C.....	58,000	636,000	11
N. D.....	1,931,000	12,746,000	33
OHIO.....	23,430,000	28,897,000	37
OKLA.....	2,645,000	3,968,000	15
OREGON.....	2,555,000	2,281,000	..
PENN.....	3,290,000	17,272,000	25
R. I.....	.....	25,000	40
S. C.....	60,000	360,000	6
S. D.....	22,908,000	26,834,000	41
TENN.....	1,029,000	1,838,000	25
TEXAS.....	5,558,000	3,705,000	10
UTAH.....	616,000	1,452,000	33
VT.....	32,000	1,100,000	35
VA.....	276,000	1,378,000	25
WASH.....	4,047,000	2,810,000	26
W. VA.....	39,000	1,004,000	26
WIS.....	15,840,000	37,620,000	38
WYO.....	1,610,000	3,598,000	38
U. S.....	508,350,000	595,195,000	37

WEIGHTS OF HORSES, ETC.—Continued.

MISSOURI.....	1,130	1,015
NORTH DAKOTA.....	1,290	1,040
SOUTH DAKOTA.....	1,245	1,010
NEBRASKA.....	1,255	1,040
KANSAS.....	1,220	1,040
KENTUCKY.....	1,010	950
TENNESSEE.....	990	890
ALABAMA.....	895	895
MISSISSIPPI.....	870	865
LOUISIANA.....	900	940
TEXAS.....	1,000	930
OKLAHOMA.....	1,080	960
ARKANSAS.....	960	890
MONTANA.....	1,290	1,010
WYOMING.....	1,290	1,030
COLORADO.....	1,230	1,050
NEW MEXICO.....	1,030	920
ARIZONA.....	1,150	970
UTAH.....	1,270	1,020
NEVADA.....	1,200	980
IDAHO.....	1,270	1,050
WASHINGTON.....	1,350	1,110
OREGON.....	1,310	1,100
CALIFORNIA.....	1,285	1,065
UNITED STATES.....	1,203	956

The common and well-known lilac was introduced into European countries by way of Constantinople in 1597.

Pecan Trees and Production.

In the year 1899 the pecan production of the United States was 3,206,850 pounds, and in the year 1909 the output increased to 9,890,769 pounds. In the year 1910 we had a total of 1,619,521 trees of bearing age and 1,685,066 trees not of bearing age. Farms reporting bearing trees were 37,549, and 43,944 had trees not of bearing age. In pecan production Texas is away in the lead, but there are other states increasing the number of trees.

State.	1910.		Pro- duc- tion, Pounds.	Value, Dollars.
	Trees of Bearing Age.	Trees Not of Bearing Age.		
ALA.....	44,683	125,734	228,341	30,540
ARIZ.....	64	212	1,075	131
ARK.....	13,958	13,811	249,955	17,603
CALIF.....	4,226	2,793	44,955	4,632
COLO.....		50		
CONN.....	5	1,601	150	7
DEL.....	136	48	85	13
FLA.....	42,512	176,207	307,632	43,962
GA.....	75,519	325,779	354,046	47,845
IDAHO.....	20	27		
ILL.....	28,330	8,223	107,069	10,301
IND.....	4,883	946	19,287	1,940
IA.....	247	148	1,890	59
KAS.....	27,716	2,797	20,583	1,462
KY.....	2,399	2,301	28,577	2,887
LA.....	36,527	119,547	723,578	70,635
ME.....	3		100	20
MD.....	172	460	1,717	85
MASS.....		1		
MICH.....	39	4	1,600	75
MINN.....	6	35	25	5
MISS.....	60,524	148,030	637,293	79,936
MO.....	48,822	7,214	147,420	10,467
NEB.....	181	191	695	31
NEV.....	16	13		
N. J.....	22	52	120	76
N. M.....	31	1,468	53	5
N. Y.....	5	26		
N. C.....	6,876	20,781	74,861	8,194
N. D.....		5		
OHIO.....	81	308	1,010	70
OKLA.....	96,766	53,796	894,172	59,481
ORE.....	62	965	1,010	78
PENN.....	554	463	14,885	532
R. I.....	6	1		
S. C.....	33,366	4,369	159,823	20,442
S. D.....	43	34	6	1
TENN.....	2,037	3,309	25,581	2,566
TEX.....	1,087,619	621,550	5,832,367	556,203
UTAH.....	35	12		
VT.....	1	4		
VA.....	868	2,337	10,568	1,356
WASH.....	34	140		
W. VA.....	126	6	240	16
Total.	1,619,521	1,685,066	9,890,769	971,596

Pecans Produced, 1915 and 1916.

This is from the Agricultural Department Crop Report, and simply gives the percentage of a full crop in each pecan-growing state for 1915 and 1916.

State.	Percentage of Full Crop.		State.	Percentage of Full Crop.	
	1915.	1916.		1915.	1916.
ALA.....	100	45	MO.....	55	27
ARK.....	98	46	N. C.....	90	65
FLA.....	88	63	OKLA.....	104	10
GA.....	77	125	S. C.....	75	76
KY.....	70	30	TENN.....	73	34
LA.....	81	40	TEXAS.....	60	22
MISS.....	110	35	U. S.....	71	41

In 1586 Sir Frances Drake is credited with introducing the potato into England.

Production of Peanuts.

If all farm crops made as good showing as peanuts there would be plenty to eat in the country. The increase in acreage is from 516,654 in 1899 to 869,887 in the year 1906. The increase in production is from 11,964,109 bushels in 1889 to 19,415,816 bushels in 1909. In the year 1889 only 133,909 farms reported raising peanuts, but in 1909 there were 218,998 farms on which peanuts were produced. The table presented herewith shows acreage and production for two census years.

State.	1899.		1909.	
	Acreage.	Bushels.	Acreage.	Bushels.
ARIZ.....	4	234	9	345
ARK.....	5,223	78,237	10,192	168,608
CALIF.....	433	15,461	99	2,991
COLO.....	5	138	2	7
DEL.....	2	23	25	202
FLA.....	64,452	967,927	126,150	2,315,089
GA.....	100,589	1,435,775	160,317	2,569,787
IDAHO.....			1	20
ILL.....	49	879	109	1,792
IND.....	11	199	18	624
IA.....	7	127	13	359
KAS.....	225	4,516	48	2,047
KY.....	92	1,405	79	1,735
LA.....	3,107	45,713	25,020	412,037
ME.....	1	22		30
MD.....	7	143	1	12
MASS.....		3		64
MICH.....			1	15
MINN.....				
MISS.....	5,853	95,738	13,977	284,791
MO.....	271	6,679	130	3,220
NEB.....	11	221	1	93
NEV.....		151		
N. H.....		2		
N. J.....		7	1	16
N. M.....	1	10	126	1,375
N. Y.....			6	132
N. C.....	95,850	3,460,439	195,134	5,980,919
N. D.....			10	101
OHIO.....	1	20		31
OKLA.....	2,205	50,428	1,564	31,880
ORE.....	1	25	3	206
PENN.....	2	77		4
R. I.....				
S. C.....	7,162	131,710	7,596	154,822
S. D.....				10
TENN.....	19,534	747,668	18,952	547,240
TEX.....	10,734	184,860	64,327	1,074,998
UTAH.....	2			10
VA.....	116,914	3,713,347	145,213	4,284,340
WASH.....		15		
W. V.....	11	199		64
WIS.....			70	945
WYO.....	1	3		
Total.	516,654	11,964,109	869,887	19,415,816

The Peanut Crop—1917.

The importance of the peanut crop is shown, also the great difference one year with another. Alabama and Texas together produce more than half the crop. Thirteen states out of forty-eight raise peanuts in merchantable quantities.

State.	1916.		1917.	
	Planted, Acres.	Planted, Acres.	Produc- tion, Bushels.	Produc- tion, Bushels.
VA.....	150,000	165,000	5,400,000	5,775,000
N. C.....	205,000	202,000	6,970,000	7,676,000
S. C.....	10,000	10,000	450,000	450,000
GA.....	40,000	255,000	1,240,000	9,435,000
FLA.....	10,000	40,000	300,000	1,400,000
MO.....	350	400	10,500	18,000
TENN.....	16,000	15,000	608,000	450,000
ALA.....	300,000	711,000	9,000,000	16,013,000
MISS.....	3,000	4,000	75,000	136,000
LA.....	38,000	35,000	891,000	1,015,000
TEX.....	275,000	600,000	9,075,000	16,200,000
OKLA.....	11,000	17,000	385,000	544,000
ARK.....	23,000	30,000	920,000	1,110,000
Total	1,076,350	2,084,400	35,324,500	60,222,000

Production of Grapes.

The production of grapes increased from 1,300,984,097 pounds in the year 1899 to 2,571,065,205 pounds in 1909. In the year 1910, when the census was taken, there were 223,701,522 vines of bearing age and 59,928,644 vines not of bearing age. The tabulated statement herewith shows the vines and production in all the states.

State.	1910.		Production, Pounds.
	Vines of Bearing Age.	Vines Not of Bearing Age.	
ALA...	287,431	77,105	1,723,490
ARIZ...	151,579	84,510	837,842
ARK...	305,921	177,624	2,593,727
CALIF. 144,097,670	39,526,319	1,979,686,525	
COLO...	254,292	101,332	1,037,611
CONN...	107,054	61,670	1,317,682
DEL...	260,963	98,950	1,938,267
D. C...	5,196	200	28,530
FLA...	20,962	8,830	1,086,344
GA...	277,658	38,233	2,767,366
IDAHO	68,269	124,806	604,227
ILL...	2,170,340	287,734	16,582,785
IND...	1,039,232	149,441	12,817,353
IOWA...	1,983,465	446,126	11,708,336
KAS...	2,889,845	313,002	6,317,684
KY...	605,002	77,626	3,680,182
LA...	31,041	20,936	106,595
ME...	9,731	1,944	231,529
MD...	138,801	44,690	2,152,382
MASS...	58,277	14,261	1,132,833
MICH...	11,013,576	1,869,648	120,695,997
MINN...	61,916	35,950	295,809
MISS...	77,012	37,870	760,563
MO...	3,026,046	486,044	17,871,816
MONT...	986	1,121	370
NEB...	1,221,736	380,788	4,752,217
NEV...	26,607	7,941	376,205
N. H...	15,802	3,016	375,164
N. J...	1,603,280	558,945	6,501,221
N. M...	250,076	122,367	425,415
N. Y...	31,802,097	3,801,800	253,006,361
N. C...	411,278	120,208	15,116,920
N. D...	379	1,464	360
OHIO...	8,326,800	455,750	43,933,207
OKLA...	2,388,213	447,489	3,762,727
ORE...	381,302	468,598	3,206,874
PENN...	5,271,264	8,252,811	34,020,198
R. I...	7,662	4,634	152,937
S. C...	79,708	19,704	2,016,506
S. D...	38,647	46,891	144,634
TENN...	338,758	76,040	1,979,480
TEX...	712,201	297,869	1,802,618
UTAH...	204,445	94,043	1,576,363
VT...	9,145	1,845	203,011
VA...	424,701	136,026	4,108,694
WASH...	322,007	371,733	1,704,005
W. VA...	284,074	76,465	3,224,751
WIS...	148,348	63,098	701,329
WYO...	74	1,147	159
Total.	223,701,522	59,928,644	2,571,065,205

Advertising Managers, see that you get the benefit of the service of The National Farmer and Stock Grower of St. Louis, Mo., the best medium in the richest agricultural circle.

In the year 1596, Gerarde speaks thus early of the white lily—the lily of the poets and painters—being an old garden plant.

Origin of Cheviot sheep is said to be that sheep swam ashore from the wrecked ships of the Spanish Armada and escaped to the Cheviot hills in the year 1588.

Whenever in doubt, take a good look at the index. You may find what you want.

The Production of Strawberries.

The tabulation herewith is what we call foundation information, being a statement of the production of strawberries ten years apart. The census of 1900 showed that in the year 1899 151,363 acres were devoted to raising strawberries and the production was 257,427,103 quarts. Ten years later, in 1909, the area devoted to producing strawberries was reduced to 143,045 and the production was 255,702,035 quarts. Since the census year, all we have on strawberries are the estimates of the Agricultural Department in important strawberry-growing states.

State.	1899.		1909.	
	Acres.	Quarts.	Acres.	Quarts.
ALA...	607	804,480	1,167	1,848,537
ARIZ...	60	109,550	58	95,247
ARK...	9,611	12,667,740	7,361	8,259,240
CAL...	2,418	7,690,830	4,585	15,694,326
COLO...	1,067	2,224,240	1,326	1,674,923
CONN...	971	2,569,120	993	3,016,295
DEL...	6,344	10,498,640	7,194	12,730,265
D. C...	50	84,480	11	18,709
FLA...	1,315	1,731,730	1,343	2,383,397
GA...	1,423	1,385,728	890	1,157,472
IDA...	239	379,630	698	953,733
ILL...	7,113	13,151,330	5,410	8,031,824
IND...	4,714	9,669,710	2,574	3,759,132
IA...	2,335	3,164,320	2,917	5,330,105
KAS...	2,304	3,321,650	1,719	2,119,048
KY...	4,128	6,767,300	1,553	2,114,929
LA...	1,395	1,841,800	3,570	6,405,236
MD...	512	1,066,860	698	1,626,250
ME...	13,980	24,035,640	14,292	23,611,095
MASS...	2,027	4,997,240	2,015	5,518,867
MICH...	10,837	18,384,340	8,051	14,218,768
MINN...	1,302	2,506,020	1,873	2,730,090
MISS...	1,383	1,546,570	772	1,345,013
MO...	7,498	13,018,460	9,048	15,171,034
MONT...	281	352,260	265	406,038
NEB...	369	408,350	562	654,061
NEV...	14	16,440	5	11,189
N. H...	307	568,640	310	638,057
N. J...	8,746	13,274,120	8,684	18,767,473
N. M...	9	15,400	20	35,634
N. Y...	7,311	13,849,860	6,382	15,945,265
N. C...	5,616	10,674,610	5,420	10,313,361
N. D...	3	4,040	88	66,028
OHIO...	9,373	17,916,080	4,706	8,501,065
OKLA...	626	670,540	825	830,404
ORE...	1,792	3,837,820	2,941	5,322,040
PENN...	5,667	10,179,430	4,136	9,033,904
R. I...	154	381,870	140	326,510
S. C...	499	845,695	815	1,337,208
S. D...	62	65,430	226	238,164
TENN...	11,543	13,683,840	10,761	12,339,584
TEX...	1,361	2,344,220	2,161	4,207,056
UTAH...	345	663,190	719	1,832,796
VT...	232	598,020	276	615,820
VA...	7,821	12,270,300	6,606	10,761,381
WASH...	1,268	2,577,580	3,283	7,683,774
W. VA...	799	1,068,300	709	812,049
WIS...	3,508	7,343,740	2,863	5,188,117
WYO...	19	19,920	24	20,895
Total	151,363	257,427,103	143,045	255,702,035

Some pages of AGRICULTURAL STATISTICS remain from one issue to another. Important matter should be left in sight, especially if something more valuable cannot be found.

A company of English attempted to settle where is now Kennebec, Me., in 1607, but returned to England the following year.

Large importations of sheep arrived in Florida from Spain in 1565. Supposed to be the Churro, or common sheep of Spain.

Blackberries and Dewberries.

Herewith we present the United States census figures ten years apart, showing the production of blackberries and dewberries. There is the enumeration for the year 1899, when on 50,211 acres the production was 62,189,855 quarts, and in the year 1909, when on 49,004 acres the production was 55,343,570 quarts. Missouri, New Jersey and California are the largest producers of this class.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA....	104	98,500	58	44,954
ARIZ....	9	8,690	16	13,808
ARK....	769	969,290	525	587,977
CALIF..	1,960	4,159,131	2,576	4,898,524
COLO....	195	216,020	228	227,598
CONN....	177	275,310	128	192,752
DEL....	2,935	1,976,810	1,256	1,403,977
D.O.F.C.	10	12,720	.....	1,700
FLA....	13	13,210	13	12,817
GA....	143	144,060	67	67,285
IDAHO..	87	117,140	10	249,984
ILL....	5,022	7,294,990	3,503	291,473
IND....	3,192	5,255,840	1,347	1,482,909
IA....	1,710	1,966,070	2,279	2,733,728
KAN....	2,044	1,857,514	2,682	2,535,918
KY....	1,024	1,068,340	2,141	2,165,547
LA....	9	10,170	16	14,332
ME....	123	164,300	145	153,816
MD....	1,501	1,713,680	1,180	1,372,164
MASS....	365	522,860	287	307,987
MICH....	4,385	5,324,110	2,973	3,075,954
MINN....	162	192,010	145	139,741
MISS....	84	97,080	58	53,735
MO....	4,441	5,121,860	5,975	6,391,209
MONT....	18	17,970	34	36,321
NEB....	152	157,880	428	501,872
NEV....	4	5,410	1	1,078
N. H....	65	105,290	67	75,913
N. J....	5,254	3,918,320	4,332	5,456,789
N. M....	3	2,340	10	10,089
N. Y....	2,060	3,167,090	1,951	2,509,851
N. C....	1,073	1,089,290	1,233	2,464,065
N. D....	1	860	2	3,404
OHIO....	3,397	4,905,430	2,425	2,465,407
OKLA....	683	714,880	1,792	1,366,497
ORE....	717	1,310,920	431	915,744
PENNA..	1,383	1,995,070	1,235	1,063,257
R. I....	17	23,600	16	17,875
S. C....	39	50,960	38	64,754
S. D....	5	4,880	5	6,053
TENN....	733	839,210	1,514	1,316,100
TEX....	2,394	2,701,750	2,773	1,868,119
UTAH....	72	80,110	95	184,140
VT....	48	84,980	47	56,252
VA....	444	582,830	344	273,551
WASH....	388	803,340	769	2,340,779
W. VA....	367	396,850	1,292	803,498
WIS....	411	644,880	407	498,119
WYO....	.....	480	.....	149
Total	50,211	62,189,885	49,004	55,343,570

In the year 1614 there were plantings of imported apple and pear trees in New York. One pear tree of this planting at Third avenue and Thirteenth street, New York City, until 1866.

Quotation from Tusser, 1562:

"First barley ere rye,
Then Pease bye and bye,
Then fallow for wheat,
Is husbandry Great."

Sir John Norden printed a book called "Surveyer's Dialogue," in England, in 1609. Speaking of the famous Salisbury meadows, he says: "When cattle have fed their fill, hogs, it is pretended, are made fat with the remnant—namely with the knots and sappe of the grass."

Raspberries and Loganberries.

This basic tabulation is historical and gives in detail by states the acreage devoted to the production of raspberries and Loganberries ten years apart. It is the only positive information of any value that is available. In the year 1899 the area was 60,916 acres, producing 76,628,107 quarts; ten years later the area was reduced to 48,668 and the crop was 60,918,196 quarts. In 1910 another count will be made by the census enumerators. The value of the crop in 1909 was estimated at \$5,132,277.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA....	13	14,390	11	10,546
ARIZ....	2	1,480	1	1,550
ARK....	345	348,450	123	96,414
CALIF..	987	1,446,190	1,992	5,222,117
COLO....	689	817,450	801	1,650,785
CONN....	366	503,210	289	384,236
DEL....	1,280	1,147,120	223	275,871
D. C....	12	15,582	.....	700
FLA....	5	5,670	.....	213
GA....	43	41,750	29	33,928
IDAHO..	230	257,960	496	575,209
ILL....	2,909	3,458,000	1,945	1,834,337
IND....	3,277	4,210,900	1,412	1,595,921
IA....	3,394	3,604,210	1,573	1,728,547
KAN....	957	820,330	713	616,035
KY....	755	787,820	564	558,529
LA....	.....	110	1	639
ME....	131	214,700	127	154,121
MD....	1,385	1,450,250	846	959,369
MASS....	413	558,010	388	376,136
MICH....	10,193	12,119,400	8,786	8,381,943
MINN....	1,115	1,252,930	1,388	1,340,469
MISS....	49	56,020	5	7,806
MO....	1,660	1,940,850	1,331	1,563,527
MONT....	80	110,795	113	165,473
NEB....	239	232,580	247	265,183
NEV....	7	11,220	9	17,841
N. H....	80	124,760	85	86,558
N. J....	2,240	2,506,730	1,744	2,143,877
N. M....	.....	8,330	12	10,222
N. Y....	12,376	17,575,530	11,037	14,751,940
N. C....	69	73,050	40	37,764
N. D....	12	13,700	85	60,742
OHIO....	6,795	8,745,950	3,869	4,029,480
OKLA....	43	55,180	85	74,104
ORE....	479	783,060	1,460	2,644,948
PENNA..	3,938	5,360,530	2,594	2,906,302
R. I....	57	83,300	34	32,871
S. C....	4	4,150	2	4,955
S. D....	21	19,030	66	60,285
TENN....	471	448,170	253	222,331
TEX....	103	123,640	104	97,652
UTAH....	284	426,000	374	758,137
VT....	92	176,440	80	85,065
VA....	365	424,110	276	257,322
WASH....	625	1,134,970	1,210	3,118,720
W. VA....	704	788,360	847	648,174
WIS....	6	2,314,930	964	1,053,889
WYO....	1,616	5,220	14	15,213
Total	60,916	76,628,107	48,668	60,918,196

It was The National Farmer and Stock Grower of St. Louis, Mo., that originated the movement whereby so many farmers are now raising their own pure-bred seed corn.

It requires some time to get a publication on its feet. Statistics alone is a cold proposition, but with the two Directories it is warming up.

Cattle having become extinct in Virginia on account of the scarcity of food, another stock was brought from the West Indies in 1610 and the penalty of death for killing them was enacted.

Production of Gooseberries.

Gooseberries are grown generally without any one state being far ahead of others, but the production had decreased when the last census was taken. In 1899 there were 6,752 acres, producing 9,320,530 quarts; but in 1903, when another count was taken, the area was reduced to 4,765 acres, producing 5,282,843 quarts. In 1899, Indiana and Iowa were the greatest producers, whereas in the later year Illinois and Missouri lead with considerable less production.

Currant-Growing Industry.

Nearly every state in the Union grows a few currants, but only one state in the last census year produced over a million quarts, whereas ten years previous eight states did so. In the year 1899 12,865 acres were devoted to growing currants, and the production was 18,592,695 quarts. Ten years later, in the year 1909, the area devoted to currants was reduced to 7,862 acres and the total production was reduced to 10,448,532 quarts.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA.....	2	1,890	1	2,452
ARIZ.....	2	1,253	.....	575
ARK.....	29	43,970	74	18,168
CALIF.....	133	195,670	74	145,119
COLO.....	122	133,750	192	247,956
CONN.....	7	8,010	9	9,023
DEL.....	24	31,750	11	12,123
DIST. OF C.	1	1,090	.....	1,000
FLA.....	.....	70	.....	.....
GA.....	2	1,900	1	1,102
IDAHO.....	150	197,540	142	130,987
ILL.....	491	779,730	603	541,498
IND.....	617	1,077,840	274	320,963
IA.....	777	975,890	189	233,541
KAS.....	212	269,860	188	138,772
KY.....	99	114,590	115	118,338
LA.....	.....	50	.....	.....
ME.....	30	41,230	59	65,867
MD.....	234	322,140	241	300,321
MASS.....	30	46,390	42	57,827
MICH.....	559	673,360	297	403,680
MINN.....	112	128,250	71	60,661
MISS.....	1	590	1	285
MO.....	731	865,870	555	470,023
MONT.....	51	115,390	35	35,896
NEB.....	192	189,680	88	82,086
NEV.....	8	13,690	11	11,355
N. H.....	4	3,540	5	5,841
N. J.....	102	124,160	155	221,337
N. M.....	12	11,680	17	14,800
N. Y.....	190	304,750	259	331,135
N. C.....	25	30,340	5	5,831
N. D.....	10	11,690	86	56,801
OHIO.....	539	767,760	226	255,840
OKLA.....	10	9,250	7	8,276
ORE.....	203	326,780	186	307,395
PENN.....	267	366,930	139	109,104
R. I.....	5	5,820	8	8,251
S. C.....	.....	420	.....	183
S. D.....	25	29,270	55	43,408
TENN.....	114	150,620	9	13,740
TEX.....	1	760	9	5,042
UTAH.....	110	173,460	100	147,241
VT.....	3	4,500	6	7,424
VA.....	66	75,140	22	23,447
WASH.....	211	356,570	114	143,264
W. VA.....	59	66,400	30	35,632
WIS.....	177	255,590	82	107,708
WYO.....	3	3,680	27	21,513
Total...	6,752	9,320,530	4,765	5,282,843

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA.....	2	2,060	.....	548
ARIZ.....	2	3,280	1	1,010
ARK.....	5	6,990	4	3,201
CALIF.....	724	1,081,100	407	852,378
COLO.....	226	204,480	282	493,726
CONN.....	175	245,990	54	74,488
DEL.....	12	12,600	3	2,973
D. OF C.	6	5,040	1	2,000
FLA.....	.....	.....	.....	146
GA.....	.....	6,740	.....	2,320
IDAHO.....	181	218,580	167	161,230
ILL.....	640	842,000	252	265,538
IND.....	577	1,044,025	165	208,049
IA.....	1,017	1,226,560	253	317,637
KAS.....	134	130,210	98	67,005
KY.....	15	19,370	14	15,159
LA.....	.....	50	.....	.....
ME.....	31	37,080	80	76,031
MD.....	65	63,460	36	34,009
MASS.....	190	255,580	243	213,810
MICH.....	2,286	2,721,070	609	768,259
MINN.....	259	311,950	200	182,825
MISS.....	3	2,830	.....	362
MO.....	194	223,780	92	91,207
MONT.....	120	252,860	115	123,031
NEB.....	161	162,880	86	90,779
NEV.....	16	25,670	11	8,824
N. H.....	24	34,060	42	43,319
N. J.....	158	264,740	124	161,223
N. M.....	10	14,340	7	5,523
N. Y.....	2,594	4,584,080	2,557	3,982,389
N. C.....	28	32,360	3	5,382
N. D.....	36	35,440	138	97,598
OHIO.....	765	1,153,920	359	460,575
OKLA.....	11	10,140	36	31,024
ORE.....	169	238,420	89	117,354
PENN.....	716	1,031,870	558	493,871
R. I.....	26	54,020	12	17,110
S. C.....	2	2,290	1	999
S. D.....	38	37,140	67	52,951
TENN.....	12	13,190	2	3,726
TEX.....	4	5,370	6	4,873
UTAH.....	194	304,850	128	195,901
VT.....	30	50,490	58	58,538
VA.....	39	42,060	5	14,277
WASH.....	238	416,170	127	194,365
W. VA.....	50	51,340	30	34,009
WIS.....	667	1,153,190	298	383,982
WYO.....	8	7,030	41	38,833
Total	12,865	18,592,695	7,862	10,448,532

Prices in the Year 1582.

In 1582, in England, in one of the southwest counties, a capon cost sixpence (12 cents), a calf five shillings (\$1.20), a firkin of butter seven shillings and sevenpence (\$1.82), a cock (for fighting) fourpence (8 cents), a pullet threepence (6 cents), a milch cow cost thirty shillings (\$7.20), a bullock seven shillings (\$1.68), a horse twenty-two shillings (\$5.28), a porkling twenty-eight pence, or 56 cents.

In the year 1565 Nicolo Monardes published writings on American plants, probably the earliest writings on the subject. Issued in serial form in Spain.

Gas Tractors in Commission.

State.	No.	State.	No.
ALA.....	313	NEVADA.....	19
ARIZ.....	23	N. H.....	23
ARK.....	336	N. J.....	107
CALIF.....	1,358	N. M.....	83
COLO.....	525	N. Y.....	1,210
CONN.....	47	N. C.....	452
DEL.....	34	N. D.....	2,137
FLA.....	71	OHIO.....	1,305
GA.....	543	OKLA.....	795
IDAHO.....	265	OREGON.....	318
ILL.....	3,202	R. C.....	595
IND.....	1,832	S. C.....	30
IOWA.....	2,223	S. D.....	387
KAS.....	2,237	TENN.....	1,527
KY.....	348	TEXAS.....	442
LA.....	343	UTAH.....	2,235
MAINE.....	53	VT.....	88
MD.....	190	VA.....	75
MASS.....	91	WASH.....	434
MICH.....	945	W. VA.....	209
MINN.....	1,575	WIS.....	90
MISS.....	377	WYO.....	904
MO.....	1,141	Total.....	186
MONT.....	808		
NEB.....	1,773		
Total	1,773		

Apples, Peaches, Pears—1917.

In the December United States Agricultural Report the 1917 crops of apples, peaches and pears are estimated. The largest production of apples is in the state of Washington, with New York, Missouri and Pennsylvania following in the order named. In peaches the state of California leads far beyond other states. California leads in pears, followed by New York and Michigan.

State.	Apples. 1917. Yield, Bushels.	Peaches. 1917. Yield, Bushels.	Pears. 1917. Yield, Bushels.
ALA.....	1,453,000	1,830,000	80,000
ARIZ.....	135,000	60,000	21,000
ARK.....	2,683,000	840,000	102,000
CALIF.....	5,592,000	14,151,000	3,523,000
COLO.....	2,640,000	1,200,000	320,000
CONN.....	1,316,000	268,000	29,000
DEL.....	450,000	647,000	294,000
FLA.....	000	122,000	46,000
GA.....	1,754,000	4,716,000	140,000
IDA.....	1,995,000	165,000	70,000
ILL.....	7,500,000	364,000	456,000
IND.....	5,915,000	592,000	410,000
IOWA.....	5,775,000	30,000	82,000
KAS.....	3,375,000	121,000	140,000
KY.....	9,125,000	1,034,000	204,000
LA.....	000	478,000	52,000
ME.....	4,617,000	000	24,000
MD.....	2,525,000	975,000	525,000
MASS.....	2,186,000	145,000	71,000
MICH.....	5,160,000	744,000	1,080,000
MINN.....	1,445,000	000	000
MISS.....	315,000	375,000	30,000
MO.....	12,375,000	890,000	265,000
MONT.....	911,000	000	11,000
NEB.....	2,400,000	000	14,000
NEV.....	192,000	6,000	6,000
N. H.....	1,035,000	47,000	19,000
N. J.....	2,041,000	871,000	590,000
N. M.....	657,000	60,000	46,000
N. Y.....	14,059,000	2,244,000	1,708,000
N. C.....	6,156,000	1,541,000	150,000
N. D.....	000	000	000
OHIO.....	6,336,000	496,000	334,000
OKLA.....	1,300,000	1,150,000	45,000
ORE.....	3,500,000	250,000	600,000
PENN.....	12,150,000	1,440,000	448,000
R. I.....	198,000	20,000	7,000
S. C.....	818,000	1,130,000	100,000
S. D.....	349,000	000	000
TENN.....	5,000,000	900,000	75,000
TEXAS.....	345,000	2,352,000	280,000
UTAH.....	650,000	900,000	48,000
VT.....	1,286,000	000	14,000
VA.....	9,974,000	800,000	194,000
WASH.....	17,897,000	504,000	595,000
W. VA.....	5,994,000	608,000	33,000
WIS.....	3,029,000	000	000
WYO.....	000	000	000
U. S.....	174,608,000	45,066,000	13,281,000

Apples, Peaches and Pears, 1918.

The crops of apples, peaches and pears are estimated for 1918 by the United States Department of Agriculture. It will be noticed by comparing with the year 1917 that apples have increased considerably and peaches and pears do not quite sustain former records. Only six states produce over ten million bushels of apples; only two exceed five millions of bushels of peaches, and only two produce over a million bushels of pears.

State.	Apples. Bushels.	Peaches. Bushels.	Pears. Bushels.
ALA.....	1,518,000	2,430,000	147,000
ARIZ.....	212,000	71,000	24,000
ARK.....	1,910,000	1,518,000	77,000
CALIF.....	5,110,000	13,102,000	1,845,000
COLO.....	2,852,000	633,000	188,000
CONN.....	1,699,000	47,000	31,000
DEL.....	506,000	361,000	237,000
FLA.....	000	246,000	116,000
GA.....	2,000,000	6,332,000	208,000
IDAHO.....	1,930,000	89,000	40,000
ILL.....	5,857,000	222,000	360,000
IND.....	5,511,000	162,000	315,000
IOWA.....	5,303,000	78,000	52,000
KAS.....	3,942,000	24,000	63,000
KY.....	7,115,000	167,000	147,000
LA.....	000	729,000	64,000
MAINE.....	2,889,000	000	18,000
MD.....	2,238,000	686,000	446,000
MASS.....	2,808,000	8,000	84,000
MICH.....	11,289,000	419,000	678,000
MINN.....	1,077,000	000	000
MISS.....	474,000	1,426,000	123,000
MO.....	10,887,000	198,000	178,000
MONT.....	1,051,000	000	14,000
NEB.....	1,456,000	5,000	15,000
NEV.....	170,000	10,000	6,000
N. H.....	889,000	1,000	15,000
N. J.....	2,292,000	811,000	671,000
N. M.....	896,000	62,000	54,000
N. Y.....	33,449,000	1,296,000	1,260,000
N. C.....	5,493,000	1,020,000	99,000
N. D.....	000	000	000
OHIO.....	10,577,000	615,000	312,000
OKLA.....	1,151,000	552,000	46,000
OREGON.....	3,337,000	194,000	578,000
PENN.....	16,140,000	1,251,000	459,000
R. I.....	248,000	1,000	9,000
S. C.....	786,000	1,099,000	98,000
S. D.....	653,000	000	000
TENN.....	5,326,000	810,000	98,000
TEXAS.....	462,000	2,233,000	335,000
UTAH.....	938,000	1,305,000	59,000
VT.....	1,760,000	000	14,000
VA.....	11,685,000	624,000	117,000
WASH.....	16,224,000	1,250,000	587,000
W. VA.....	8,040,000	773,000	35,000
WIS.....	3,007,000	000	23,000
WYO.....	000	000	000
U. S.....	203,164,000	42,860,000	10,345,000

WHEN WATERMELONS ARE HARVESTED.

Returns from truck crop reporters show the per cent. of the watermelon crop in the following states usually harvested in each month from April to October to be as follows:

State.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
Pct. Pct. Pct. Pct. Pct. Pct. Pct.							
Florida.....	2.8	23.8	56.5	13.9	1.1	...	1.9
Texas.....	2.5	12.0	34.4	41.5	9.0	0.6	...
Alabama.....	...	2.0	18.5	54.5	18.5	6.5	...
N. Carolina.....	...	...	4.2	55.8	33.3	5.0	1.7
S. Carolina.....	...	...	1.2	94.4	4.4	...	...
Georgia.....	...	...	14.3	57.0	27.3	1.4	...
California.....	...	...	4.0	23.5	34.5	29.5	6.0
Oklahoma.....	...	...	...	27.5	41.2	31.3	...
Virginia.....	...	...	...	15.6	74.4	10.0	...

The statement accounts for nearly all the watermelons, there being few marketed before April and none after October.

We solicit regular subscriptions for AGRICULTURAL STATISTICS and intend it to be a first-class, useful publication at a fair price.

Yield of Flaxseed, 1914 and 1915.

State.	1914.			1915.		
	Yield Per Acre	Total Yield, Bushels.		Yield Per Acre.	Total Yield, Bushels.	
COLO.....	9.0	16,000	9.4	9.0	9,000	
IOWA.....	9.5	190,000	9.0	162,000		
KAS.....	6.0	270,000	5.7	205,000		
MINN.....	9.3	2,930,000	10.5	3,150,000		
MO.....	8.0	64,000	8.0	48,000		
MONT.....	8.0	2,560,000	10.5	1,890,000		
NEB.....	7.0	49,000	11.0	77,000		
N. D.....	8.3	6,972,000	9.9	6,534,000		
S. D.....	7.5	2,400,000	11.0	1,650,000		
WIS.....	13.5	108,000	13.5	94,000		
WYO.....	...	...	13.0	26,000		
U. S.....	8.3	15,559,000	10.1	13,845,000		

In the year 1565 the Spanish colonies in Florida were visited by John Hawkins, an English captain, who said that twenty hogsheads of wine had been made in a single season from the wild grapes.

State Live Stock Valuations No. 1.

The United States Department of Agriculture has issued a statement dated basis of January, 1918, which intends to show the value of the cattle, hogs and sheep separated from the horses and mules. These two columns added together make the total value of live stock in each state, which is shown in another table. Thus, cattle, hogs and sheep value, \$5,394,000,000, and horses and mules value, \$2,870,000,000, make an aggregate of \$8,264,000,000.

State.	Cattle, Hogs and Sheep.	Horses and Mules.
ALA.....	\$ 66,000,000	\$ 58,000,000
ARIZ.....	67,000,000	11,000,000
ARK.....	63,000,000	60,000,000
CALIF.....	163,000,000	53,000,000
COLO.....	118,000,000	42,000,000
CONN.....	150,000,000	7,000,000
DEL.....	5,000,000	4,000,000
FLA.....	42,000,000	14,000,000
GA.....	80,000,000	79,000,000
IDAHO.....	79,000,000	26,000,000
ILL.....	276,000,000	169,000,000
IND.....	181,000,000	99,000,000
IOWA.....	514,000,000	172,000,000
KAS.....	246,000,000	152,000,000
KY.....	88,000,000	72,000,000
LA.....	52,000,000	40,000,000
MAINE.....	21,000,000	18,000,000
MD.....	26,000,000	21,000,000
MASS.....	20,000,000	9,000,000
MICH.....	143,000,000	81,000,000
MINN.....	201,000,000	100,000,000
MISS.....	68,000,000	63,000,000
MO.....	254,000,000	142,000,000
MONT.....	113,000,000	50,000,000
NEB.....	300,000,000	119,000,000
NEV.....	50,000,000	6,000,000
N. H.....	13,000,000	7,000,000
N. J.....	22,000,000	14,000,000
N. M.....	88,000,000	19,000,000
N. Y.....	199,000,000	87,000,000
N. C.....	51,000,000	61,000,000
N. D.....	70,000,000	87,000,000
OHIO.....	225,000,000	102,000,000
OKLA.....	123,000,000	101,000,000
OREGON.....	76,000,000	31,000,000
PENN.....	138,000,000	81,000,000
R. I.....	3,000,000	1,000,000
S. C.....	32,000,000	48,000,000
S. D.....	157,000,000	79,000,000
TENN.....	67,000,000	74,000,000
TEXAS.....	285,000,000	180,000,000
UTAH.....	61,000,000	13,000,000
VT.....	33,000,000	13,000,000
VA.....	63,000,000	46,000,000
WASH.....	42,000,000	36,000,000
W. VA.....	47,000,000	22,000,000
WIS.....	235,000,000	85,000,000
WYO.....	115,000,000	18,000,000
U. S.....	\$5,394,000,000	\$2,870,000,000

Harvesting of Potatoes.

The United States Bureau of Crop Estimates of the Department of Agriculture has ascertained when white (Irish) potatoes are harvested, and the amount and quantity harvested in each month, as follows:

Month.	1915.		1916.	
	Per Cent.	Bushels.	Per Cent.	Bushels.
JAN.....	.....	10,000	.....	11,000
FEB.....	.....	38,000	.....	45,000
MARCH.....	.....	117,000	.....	131,000
APRIL.....	0.2	681,000	0.2	730,000
MAY.....	1.0	3,601,000	1.2	3,400,000
JUNE.....	3.2	11,626,000	3.5	8,032,000
JULY.....	7.9	28,400,000	7.9	22,722,000
AUG.....	13.1	46,874,000	12.9	38,351,000
SEPT.....	29.7	106,716,000	29.5	85,166,000
OCT.....	41.8	150,200,000	41.4	119,747,000
NOV.....	2.9	10,665,000	3.3	9,434,000
DEC.....	.....	175,000	.1	195,000
Total.....	100.0	359,103,000	100.0	288,964,000

State Live Stock Valuations No. 2.

This tabulated statement by the United States Department of Agriculture gives the total value of all live stock, state by state, for the years 1917 and 1918. In addition there is also the rank of each state in live stock ownership from Iowa, which is first, to Rhode Island, which is forty-eighth. These are aggregate figures, meaning a combined total value of \$8,260,000,000 in live stock on farms of the United States.

State.	1917.	1918. Rank.
ALA.....	\$ 87,000,000	\$124,000,000 25
ARIZ.....	61,000,000	78,000,000 35
ARK.....	95,000,000	123,000,000 26
CALIF.....	183,000,000	216,000,000 16
COLO.....	128,000,000	160,000,000 19
CONN.....	19,000,000	22,000,000 45
DEL.....	8,000,000	9,000,000 47
FLA.....	41,000,000	56,000,000 38
GA.....	119,000,000	159,000,000 20
IDAHO.....	80,000,000	105,000,000 31
ILL.....	365,000,000	445,000,000 3
IND.....	226,000,000	280,111,000 11
IOWA.....	535,000,000	684,000,000 1
KAS.....	328,000,000	398,000,000 5
KY.....	127,000,000	160,000,000 18
LA.....	72,000,000	92,000,000 32
MAINE.....	31,000,000	39,000,000 42
MD.....	41,000,000	47,000,000 40
MASS.....	25,000,000	29,000,000 44
MICH.....	189,000,000	224,000,000 13
MINN.....	248,000,000	301,000,000 9
MISS.....	94,000,000	131,000,000 24
MO.....	303,000,000	396,000,000 6
MONT.....	137,000,000	163,000,000 17
NEB.....	328,000,000	419,000,000 4
NEV.....	39,000,000	56,000,000 39
N. H.....	16,000,000	20,000,000 46
N. J.....	31,000,000	36,000,000 43
N. M.....	89,000,000	107,000,000 29
N. Y.....	234,000,000	286,000,000 10
N. C.....	88,000,000	112,000,000 27
N. D.....	150,000,000	157,000,000 21
OHIO.....	263,000,000	327,000,000 8
OKLA.....	188,000,000	224,000,000 14
OREGON.....	88,000,000	107,000,000 30
PENN.....	186,000,000	219,000,000 15
R. I.....	3,000,000	4,000,000 48
S. C.....	60,000,000	80,000,000 33
S. D.....	190,000,000	236,000,000 12
TENN.....	114,000,000	141,000,000 22
TEXAS.....	459,000,000	465,000,000 2
UTAH.....	49,000,000	74,000,000 36
VT.....	36,000,000	46,000,000 41
VA.....	91,000,000	109,000,000 28
WASH.....	63,000,000	78,000,000 34
W. VA.....	58,000,000	69,000,000 37
WIS.....	274,000,000	316,000,000 7
WYO.....	96,000,000	..... 8
U. S.....	\$6,735,000,000	\$8,264,000,000 ..

GROWING OF CELERY.

Celery growing on a commercial scale is not confined to five states, but it is only in five states that the crop is considered of sufficient dimensions to be subject of Agricultural Department crop reports. In the last census year 4,005 farms in all the different states reported growing celery on 15,863 acres, and producing crops to the value of \$3,922,848, which amounts to nearly \$250 per acre. The acreage was 13,213 in 1915 in six states, and in those same states in 1916 the acreage was only 11,588, a decrease, one year with another, of 1,625 acres.

State.	1915.		1916.	
	Acres.	Increase, Acres.	Decrease, Acres.	Acres.
COLORADO.....	400	400	.....	.....
MICHIGAN.....	3,118	3,134	16	.....
NEW YORK.....	5,900	4,404	.....	1,496
OHIO.....	1,058	1,097	39	.....
PENNSYLVANIA.....	2,737	2,553	.....	184
Total.....	13,213	11,588	.....	1,625

State Crop Valuations.

We have here the state quotations of all crops. It also gives a number showing the relative rank of each state. The table is for two years, 1916 and 1917. There is considerable difference one year with another in regard to state valuations. Thus, for instance, Texas was first in 1916 and second in 1917; Illinois was third in 1916 and first in 1917; Missouri was fourteenth in 1916 and fifth in 1917; Kansas was sixth in 1916 and 14th in 1917.

State.	Rank.	1916. Value of Crops.	Rank.	1917. Value of Crops.
ALA.	27	\$ 165,487,000	25	\$ 291,563,000
ARIZ.	45	18,626,000	45	27,068,000
ARK.	16	248,463,000	20	359,538,000
CALIF.	13	267,638,000	10	432,285,000
COLO.	30	106,453,000	28	164,890,000
CONN.	40	42,911,000	39	57,814,000
DEL.	46	17,847,000	44	27,707,000
FLA.	37	61,888,000	33	104,771,000
GA.	5	358,023,000	6	542,733,000
IDA.	36	74,245,000	36	94,890,000
ILL.	3	477,263,000	1	842,042,000
IND.	9	285,384,000	8	503,154,000
IOWA.	2	516,490,000	3	783,488,000
KAN.	6	315,678,000	14	399,844,000
KY.	19	221,311,000	16	375,710,000
LA.	25	186,494,000	24	313,352,000
ME.	32	88,938,000	37	71,425,000
MD.	34	86,093,000	31	123,879,000
MASS.	38	51,853,000	38	69,106,000
MICH.	17	237,175,000	21	356,265,000
MINN.	12	268,775,000	9	480,230,000
MISS.	23	197,852,000	19	359,596,000
MO.	14	261,269,000	5	546,036,000
MONT.	29	121,055,000	35	103,845,000
NEB.	4	389,025,000	7	522,186,000
NEV.	47	17,148,000	47	25,655,000
N. H.	43	26,714,000	46	25,748,000
N. J.	35	79,781,000	34	103,895,000
N. M.	44	22,670,000	43	38,470,000
N. Y.	8	294,476,000	12	417,798,000
N. C.	11	272,076,000	11	417,846,000
N. D.	26	169,660,000	27	220,290,000
OHIO.	10	284,323,000	4	546,058,000
OKLA.	18	236,832,000	23	329,579,000
ORE.	31	105,500,000	32	108,632,000
PENN.	7	299,408,000	13	412,394,000
R. I.	48	5,556,000	48	8,352,000
S. C.	22	199,532,000	15	389,887,000
S. D.	24	189,257,000	18	366,582,000
TENN.	21	213,701,000	26	290,819,000
TEXAS.	1	695,365,000	2	788,983,000
UTAH.	39	43,436,000	41	49,627,000
VT.	41	42,782,000	42	45,950,000
VA.	20	215,079,000	22	344,159,000
WASH.	28	127,502,000	29	144,422,000
W. VA.	33	87,428,000	30	132,281,000
WIS.	15	254,599,000	17	367,095,000
WYO.	42	36,811,000	40	52,829,000
Total.		\$8,985,870,000		\$13,580,768,000

Velvet Beans, 1917.

Velvet beans are planted for the beans, and in addition 49 per cent. of the acreage is grazed or hogged off and 8 per cent. plowed under for soil improvement. We show the total acreage, the acreage harvested for the beans and the production of beans in bushels.

State.	Acreage Planted.	Cut For Grain, Acres.	Produc- tion, Bushels.
ALA.	1,800,000	1,080,000	8,140,000
ARK.	18,000	4,000	.....
FLA.	508,000	250,000	2,250,000
GA.	1,300,000	403,000	3,224,000
MISS.	705,000	176,000	1,760,000
N. C.	108,000	5,000	75,000
S. C.	188,000	28,000	350,000
Total.	4,619,000	1,946,000	15,790,000

Production of Strawberries.

Herewith for two years we give the United States Agricultural Department estimate of acreage and production of strawberries, also by states the estimated production in twenty-four quart crates. The decrease this year is pretty general, especially on the Atlantic Coast. Increased production is reported in Kentucky and Missouri.

State.	Acre- age to be Picked, Acres.	Condi- tion, May 15, Per Ct.	Yield, May 15, Quarts.	Fore- cast of Pro- duction, Crates.
ARK.	11,020	49	980	449,983
ALA.	2,240	86	1,720	160,533
CALIF.	3,800	82	1,968	311,600
DEL.	5,000	78	2,184	455,000
FLA.	1,450	78	1,560	94,250
KY.	3,230	82	2,952	397,290
LA.	12,770	40	800	425,666
MD.	8,120	78	2,184	738,920
MISS.	970	71	1,420	57,392
MO.	3,470	66	1,584	229,020
N. J.	3,440	86	2,064	295,840
N. C.	2,860	85	2,210	263,350
S. C.	850	100	2,500	88,542
TENN.	12,630	64	1,280	673,000
TEXAS.	1,130	75	1,800	84,750
VA.	3,520	77	2,156	316,213
Total, 1918.	76,500	...	1,582	5,041,957
Total, 1917.	96,690	...	1,718	6,920,369

Production of Cowpeas, 1917.

Cowpea cultivation is a Southern industry, reaching North to moderate climates. Cowpeas are grown for grain, for hay, to be placed in silos, grazed or hogged off, or plowed under to enrich the soil. Cowpeas are also planted with other crops and represent a by-product. The figures given include total acreage, grain harvested and hay yield.

State.	Acres Planted.	Grain Yield, Bushels.	Hay Yield, Tons.
ALA.	1,057,000	3,012,000	314,000
ARK.	324,000	648,000	390,000
FLA.	360,000	320,000	.....
GA.	771,000	770,000	124,000
ILL.	75,000	.....	.....
IND.	53,000	.....	.....
KY.	163,000	300,000	183,000
LA.	580,000	1,773,000	.....
MD.	11,000	.....	.....
MISS.	1,300,000	.....	.....
MO.	50,000	375,000	10,000
N. C.	230,000	540,000	74,000
N. J.	3,000	.....	.....
OHIO.	3,000	2,000	.....
OKLA.	45,000	108,000	.....
PENN.	5,000	.....	.....
S. C.	750,000	672,000	366,000
TENN.	190,000	200,000	248,000
TEXAS.	517,000	.....	.....
VA.	300,000	.....	.....
W. VA.	10,000	3,000	15,000
Total.	6,797,000	8,723,000	1,724,000

In 1580 shorthorned cattle were known as being raised in Durham and Yorkshire, England, from which the modern Shorthorns are in greater part descended.

Use of freezing mixtures of ice or snow in combination with salt, saltpeter or other chemical agents in use in 1607 in a small way.

MARKET DEPARTMENT.

A Special Directory Section For Those Who Buy or Sell Live Stock, Grain, Fruits and Vegetables on Commission.

This is only the beginning of a Directory Department of Agricultural Statistics which will soon contain 500 names and addresses. It is something necessary in the farmer's business to know these people and to be known by them. We charge each firm one dollar a year to pay actual expenses for the two lines, including a one-year subscription to the paper. Extra lines, 50 cents per line. For an inch single-column advertisement in the Department of Markets we charge \$6.00 a year. We invite advertising and subscriptions. Agricultural Statistics is sold all over the United States at 25 cents a copy.

MARKET DEPARTMENT.

ABRAHAM FUR CO., Wool and Fur Dealers, 213 North Main St., ST. LOUIS, MO.

ADAMS & KITCHEN, Live Stock Commission Agents, Union Stock Yards, CHICAGO, ILL.

AMERICAN BUTTER AND CHEESE COMPANY, Commission Salesmen, 31 Griswold St., DETROIT, MICH.

BARTLETT, A. J., Commission—Butter, Cheese, Eggs and Poultry, 7 and 8 North Market St., BOSTON, MASS.

BENNETT, JAMES E., & CO., Soliciting Grains, Stocks and Provisions on Consignment, 332 LaSalle St., CHICAGO, ILL.

BIGGS—E. W. BIGGS & CO., Furs and Wool, 522 Biggs Bldg., KANSAS CITY, MO.

BOURBON STOCK YARDS, Established 1858, Market of the South, LOUISVILLE, KY.

BOWLES LIVE STOCK COMMISSION CO., Union Stock Yards, CHICAGO, ILL.

BRINKMAN, WOOD & BECK, Live Stock Commission, Union Stock Yards, PITTSBURGH, PA.

CAMPBELL & REID AND WESTERN SALE STABLES COMPANY, Receivers and Salesmen on Commission, Horses and Mules, NATIONAL STOCK YARDS, ILL.

CAMPBELL-ROSSON & BELDEN, Live Stock Commission, FORT WORTH, TEXAS.

CASSIDY SOUTHWESTERN COMMISSION COMPANY, St. Louis Market Headquarters, NATIONAL STOCK YARDS, ILL.

CHICAGO CATTLE LOAN COMPANY, M. A. Traylor, President, Union Stock Yards, CHICAGO, ILL.

DEAN—B. A. DEAN & SON, Dealers in Alfalfa, Hay and Grain, AUBURN, N. Y.

DALTON MEEKS CO., THE, Live Stock Commission Merchants, EAST BUFFALO, N. Y.

DORMAN, BENJAMIN, Buyer of Ginseng, 147 West 34th St., NEW YORK, N. Y.

EDISON & HOPKINS, Live Stock Commission, Union Stock Yards, BALTIMORE, MD.

EVANS-SNIDER-BUEL LIVE STOCK COMMISSION COMPANY, Main Office Union Stock Yards, CHICAGO, ILL.

ELLSWORTH & McNAIR, Commission Salesmen of All Kinds of Horses, Union Stock Yards, CHICAGO, ILL.

FARMERS' COMMISSION HOUSE, Poultry, Eggs, Etc., 27 Harrison St., NEW YORK, N. Y.

FIELD—HENRY FIELD SEED COMPANY, SHENANDOAH, IA.

FUNSTEN BROS. & CO., 118 Fur Exchange, ST. LOUIS, MO.

FERGURSONSON BROS., Shippers of Bermuda Onions, PEARSALL, TEXAS.

FORGY, WM., Horse and Mule Salesman, Auction Wednesdays, U. S. Barn, DENVER, COLO.

GILLEN, HEIMAN & HARPER, Wholesale and Retail Dealers in Mules, NATIONAL STOCKYARDS (E. ST. LOUIS) ILL.

GOODRIDGE, MATTINGLY & CO., Live Stock Commission, Bourbon Stock Yards, LOUISVILLE, KY.

HARRISON PRODUCE COMPANY, Early Vegetable Shipper, SAN BENITO, TEXAS.

HARPOLE, GEORGE, Packer and Shipper Louisiana Strawberries, INDEPENDENCE, LA.

HILL BROS. FUR CO., Buyers of Furs, 357 Hill Bldg., ST. LOUIS, MO.

HOLLAND & MAXWELL COMMISSION COMPANY, Commission Salesmen, Horses and Mules, at St. Louis, Greatest Market in the World, P. O. NATIONAL STOCK YARDS, ILL.

HOLLIS & PLATT HORSE COMPANY, Horses and Mules Bought and Sold, Union Stock Yards, DENVER, COLO.

HORKHEIMER BROS., Wool Commission Agents, WHEELING, W. VA.

KINGAN & CO., LTD., In Market For Live Hogs, RICHMOND, VA.

McCAFFREYS, SONS, DANIEL, Hay Commission, 625 Wabash Bldg., PITTSBURGH, PA.

MUSTION (C. J.) WOOL COMMISSION COMPANY, 16th and Liberty sts., KANSAS CITY, MO.

NEWGASS—L. M. NEWGASS COMPANY, Commission Salesmen of Horse and Mules, Union Stock Yards, CHICAGO, ILL.

NORTH AMERICAN FRUIT EXCHANGE, Onions and Potatoes, LAREDO, TEXAS.

OLD VIRGINIA HIDE AND WOOL CO., INC., Wool, Hides, Skins, Etc., RICHMOND, VA.

OMAHA HORSE AND MULE COMPANY, Commission Salesmen, Stock Yards, OMAHA, NEB.

OTIS—B. W. OTIS & CO., Commission—Dressed Poultry, West Washington Market, NEW YORK, N. Y.

PACIFIC HIDE AND FUR DEPOT, Joseph Thiebes and C. T. Symmes, Railroad Ave., SPOKANE, WASH.

PURSE BROS., Distributors of Fruits and Vegetables, DETROIT, MICH.

REEVES—R. R. REEVES & CO., Exclusive Order Buyers, Union Stock Yards, PITTSBURGH, PA.

RYAN-ROBINSON COMMISSION COMPANY, Cattle, Hogs and Sheep, Stock Yards, KANSAS CITY, MO.

SHUBERT, A. B., INC., Hides and Furs, 25 West Austin Ave., CHICAGO, ILL.

SMITH, J. L., Southern Alabama Vegetables, Car Lots, MOBILE, ALA.

STANDARD GROWERS' EXCHANGE (H. C. Schrader Company), Fruits and Vegetables, ORLANDO, FLA.

STOCK YARDS LOAN COMPANY, Joseph L. Freeland, President, Live Stock Exchange, KANSAS CITY, MO.

TAYLOR—F. C. TAYLOR FUR COMPANY, 315 Fur Exchange, ST. LOUIS, MO.

UNION STOCK YARDS, H. E. Snow, General Manager, MONTGOMERY, ALA.

WATKINS, CARRITHERS & CO., Live Stock Commission, Bourbon Stock Yards, LOUISVILLE, KY.

WHITMORE, L. S., & CO., Commission Agents, Cattle, Hogs, Sheep, Etc., RICHMOND, VA.

WOODSON-CRAIG COMPANY, INC., Commission, Eggs, Butter, Etc., RICHMOND, VA.

ZOOK & ZOOK, Live Stock Commission, Stock Yards, KANSAS CITY, MO.

The Beekeepers and Colonies.

It is not often the colonies of bees are counted, but they are each census year. We present herewith tabulated comparison, showing the number of farms reporting the ownership of bees in each state and the number of colonies in the years 1900 to 1910. Unfortunately, the census people took the count in 1900 on June 1st and the next census the date was changed to April 15th. There appears to have been a decrease of beekeeping in ten years, from 1900 to 1910, but that is very likely not the case. We take official figures for what they are worth.

State.	Farms Reporting, June 1, 1900.	Colonies of Bees, June 1, 1900.	Farms Reporting, April 15, 1910.	Colonies of Bees, April 15, 1910.
ALA....	32,100	205,369	23,911	135,140
ARIZ....	489	18,991	441	23,770
ARK....	22,182	111,318	19,692	92,731
CALIF....	6,915	129,444	6,870	201,023
COLO....	4,518	59,756	3,563	71,434
CONN....	2,252	11,438	1,798	9,445
DEL....	1,684	10,187	1,119	6,410
D. COL....	7	59	13	151
FLA....	4,521	39,753	4,345	38,895
GA....	32,246	187,919	23,167	130,549
IDAHO....	2,387	19,240	2,368	21,903
ILL....	34,932	179,953	29,741	155,846
IND....	28,632	117,148	19,487	80,938
IOWA....	28,977	138,811	28,935	160,025
KAS....	18,295	88,504	16,869	73,737
KY....	44,974	203,820	35,603	152,991
LA....	6,148	35,231	4,928	29,591
ME....	2,496	10,857	1,371	7,592
MD....	5,093	28,013	4,186	25,156
MASS....	1,799	8,381	1,597	7,464
MICH....	18,122	100,397	16,892	115,271
MINN....	6,078	45,877	9,522	56,677
MISS....	17,990	95,257	16,028	74,350
MO....	41,145	205,110	40,110	203,569
MONT....	234	1,801	795	6,313
NEB....	12,130	52,143	12,538	45,625
NEV....	278	5,692	176	8,401
N. H....	1,228	5,520	1,002	4,644
N. J....	2,327	14,118	1,627	10,484
N. M....	410	6,164	418	10,052
N. Y....	22,738	187,208	15,259	156,360
N. C....	41,051	244,539	36,248	189,178
N. D....	30	279	79	495
OHIO....	34,458	151,391	23,203	98,242
OKLA....	3,433	20,557	4,816	19,413
ORE....	8,895	55,885	8,861	47,285
PENN....	28,692	161,670	22,297	124,815
R. I....	370	1,681	1,885	7,262
S. C....	16,272	93,958	12,528	75,422
S. D....	387	2,063	1,355	6,565
TENN....	38,225	225,788	27,706	144,481
TEXAS....	60,043	392,644	37,881	238,107
UTAH....	3,707	33,818	1,973	26,185
VT....	1,878	12,836	1,124	10,215
VA....	25,744	139,064	22,437	104,005
WASH....	4,435	30,870	5,886	33,884
W. VA....	25,240	111,417	24,035	110,673
WIS....	10,535	106,000	10,391	95,639
WYO....	153	1,020	579	4,596
Total	707,215	4,108,239	585,955	3,445,006

Honey Production, 1915 and 1916.

Special reports from honey producers indicate the following average production of honey per colony of bees for each state and the United States, 1915 and 1916.

The number of colonies at the spring count in 1916 was estimated to be 2.8 per cent. greater than shown by the spring count in 1915, which, with the yields above, show 28.3 per cent., indicating a total crop of honey greater than the crop of 1915.

Average Yield of All Surplus Honey Per Colony (Spring Count).

State.	1915.	1916.	State.	1915.	1916.
ALA....	39	48	NEB....	51	96
ARIZ....	70	55	NEV....	90	60
ARK....	25	29	N. H....	48	38
CALIF....	72	62	N. J....	31	66
COLO....	36	68	N. M....	40	59
CONN....	26	33	N. Y....	59	65
DEL....	30	36	N. C....	42	23
DIST. OF C....			N. D....	72	40
FLA....	65	85	OHIO....	22	30
GA....	32	33	OKLA....	29	39
IDAHO....	70	50	OREGON....	35	30
ILL....	44	81	PENN....	34	54
IND....	26	62	R. I....	35	36
IOWA....	66	82	S. C....	23	35
KAS....	35	60	S. D....	48	84
KY....	40	53	TENN....	25	31
LA....	30	42	TEXAS....	37	45
MAINE....	36	52	UTAH....	57	33
MD....	22	46	VT....	35	38
MASS....	30	36	VA....	47	32
MICH....	50	65	WASH....	57	45
MISS....	29	31	WIS....	63	69
MINN....	51	57	W. VA....	33	25
MO....	35	75	WYO....	50	60
MONT....	63	65	U. S....	42.3	52.8

Honey and Wax.

In the year 1899 the production of honey was 61,099,290 pounds, production of wax 1,763,595 pounds, the total value of the same being \$6,656,611. Ten years later, in 1909, at the last census enumeration, production of honey was 54,814,890 pounds, wax production was 904,867 pounds, and the total value of honey and wax was \$5,992,083.

1909.				
State.	Honey, Pounds.	Wax, Pounds.	Value, Honey.	Value, Wax.
ALA....	891,954	50,043	\$8,088	\$1,889
ARIZ....	1,025,282	15,012	53,298	3,905
ARK....	913,515	20,403	107,846	5,122
CALIF....	10,264,715	126,445	631,529	33,838
COLO....	2,306,492	33,682	225,832	8,502
CONN....	145,722	1,096	25,558	355
DEL....	62,777	2,756	7,770	463
D. C....	3,657		477	
FLA....	747,832	18,635	56,050	4,856
GA....	884,662	23,434	96,114	5,774
IDAHO....	1,011,068	8,018	86,251	2,131
ILL....	1,428,640	26,240	191,625	6,133
IND....	687,097	15,115	102,490	3,226
IOWA....	2,374,080	44,266	275,418	10,011
KAS....	609,785	4,332	83,243	1,194
KY....	1,558,670	17,307	197,720	4,522
LA....	340,134	12,284	30,915	2,996
ME....	112,051	2,260	20,016	670
MD....	306,367	4,358	38,164	1,080
MASS....	96,802	1,019	18,806	370
MICH....	2,507,810	28,524	289,137	7,603
MINN....	976,262	16,880	120,560	4,057
MISS....	359,012	15,155	60,972	3,890
MO....	2,105,815	23,784	267,908	6,176
MONT....	163,510	394	21,802	133
NEB....	527,868	3,336	72,463	935
NEV....	354,905	7,766	34,920	2,082
N. H....	65,038	792	13,363	260
N. J....	152,072	1,372	22,484	433
N. M....	439,528	5,345	38,113	1,526
N. Y....	3,191,733	43,198	376,608	13,034
N. C....	1,809,127	76,400	211,607	18,979
N. D....	11,084	92	1,840	29
OHIO....	1,001,179	7,454	131,710	2,181
OKLA....	140,234	1,088	23,783	313
ORE....	839,981	8,383	92,476	2,034
PENN....	1,840,360	21,823	256,428	6,376
R. I....	14,221	185	2,904	55
S. C....	653,119	12,440	75,941	2,905
S. D....	129,714	943	20,165	273
TENN....	1,468,123	28,864	175,791	7,271
TEX....	3,093,097	58,402	308,488	14,310
UTAH....	1,138,091	16,667	75,892	3,871
VT....	160,283	2,899	25,351	815
VA....	1,344,360	23,883	167,971	5,956
WASH....	503,580	4,038	65,196	1,193
W. VA....	1,550,739	11,090	228,843	2,787
WIS....	2,153,819	55,402	223,606	12,117
WYO....	138,924	1,563	16,248	477
Total	54,814,890	904,867	\$5,762,860	\$229,214

Summary of Nut Growing.

The following statement gives the number of farms, state by state, in which commercial nuts are grown. It is compiled from Census Bureau Reports.

	1910.				Total Farms
State.	Pecans, Farms.	Wal-nuts, nuts.	Wal-nuts, nuts.	Al-monds, Farms.	Re-port-ing.
ALA...	5,834	1,025	1164	69	8,092
ARIZ.	39	2	62	155	258
ARK.	1,134	997	182	22	2,335
CALIF.	294	242	7,357	6,319	14,212
COLO.	4	31	7	36	78
CONN.	3	253	.....	.....	256
DEL.	14	260	7	3	284
FLA.	4,614	218	327	29	5,188
GA.	7,353	2,083	1,020	54	10,510
IDAHO	10	80	74	60	224
ILL.	755	1,792	87	5	2,639
IND.	280	920	.....	2	1,202
IOWA.	17	3,945	.....	1	3,965
KAS.	466	1,874	.....	16	1,356
KY.	197	921	106	2	1,226
LA.	4,483	153	411	24	5,071
ME.	.....	32	.....	1	33
MD.	63	1,010	754	13	1,840
MASS.	1	280	.....	3	284
MICH.	6	2,429	.....	3	2,438
MINN.	4	321	2	1	328
MISS.	6,671	818	1,239	58	8,786
MO.	1,060	2,886	86	13	4,045
MONT.	.....	16	.....	1	17
NEB.	14	1,553	.....	2	1,569
NEV.	2	4	11	40	57
N. H.	.....	163	.....	.....	163
N. J.	12	1,072	170	3	1,257
N. M.	69	31	123	14	237
N. Y.	8	2,815	81	2	2,906
N. D.	2,110	3,929	563	37	6,639
OHIO	21	945	.....	.....	15
OKLA.	1,296	470	252	7	2,065
ORE.	94	261	4,309	505	5,160
PENN.	130	13,754	68	10	13,962
R. I.	1	8	1	.....	10
S. C.	2,888	986	526	33	4,433
S. D.	7	311	.....	1	309
TENN.	395	1,289	96	7	1,787
TEX.	10,519	280	704	207	11,710
UTAH.	5	.....	53	113	171
VT.	1	110	.....	1	112
VA.	240	2,586	371	6	3,203
WASH.	35	104	1,461	293	1,893
W. VA.	10	1,337	121	2	1,470
WIS.	.....	333	.....	.....	333
WYO.	.....	2	1	.....	3
Total.	51,160	53,145	21,859	8,214	135,268

Three Books in One.

Agricultural Statistics is three books in one. First, there is the Statistical Department. Secondly, the Directory of Business Interests; and thirdly, the Directory of Live Stock Breeders and Experimental Farmers. It is a grand combination.

Increased production will win the war, and nothing else will do it.

In the year 1567, Charles, IX., King of France, issued a decree in regard to Paris slaughter houses and ordering improvements in butchering methods. The slaughter houses abutted on the principal thoroughfares, hordes of footsore animals impeded traffic, the offal was left on the streets and was washed by rains into the river Seine.

Beans were cultivated on islands south of Massachusetts as early as 1602.

IMPORTS AND EXPORTS OF LIVE STOCK.

The following interesting statement from official records is an exhibit of imports and exports of domestic animals. The memorandum goes back nine years. We have imported many sheep and cattle from Mexico, and have exported comparatively large numbers of horses and mules to Europe:

LIVE STOCK IMPORTS.

Year.	Cattle.	Sheep.	Horses.	Mules.
1909.....	153,902	127,019	9,580	.....
1910.....	211,230	56,201	10,714	.....
1911.....	25,413	23,063	8,469	.....
1912.....	325,717	15,342	8,333	.....
1913.....	328,717	15,342	8,333	.....
1914.....	736,937	115,688	18,617	.....
1915.....	727,891	199,825	25,764	.....
1916.....	552,489	276,521	13,693	.....
1917.....	295,647	125,722	12,371	.....
1917.....	347,510	202,861	10,002	.....

LIVE STOCK EXPORTS.

Year.	Cattle.	Sheep.	Horses.	Mules.
1909.....	184,957	54,613	23,428	4,162
1910.....	109,629	52,638	29,359	6,458
1911.....	164,087	177,069	30,291	4,920
1912.....	46,463	191,963	29,229	4,490
1913.....	26,236	170,411	29,356	5,075
1914.....	8,694	78,227	92,923	13,761
1915.....	16,252	40,501	443,014	122,000
1916.....	12,179	55,089	287,413	134,461
1917.....	20,009	30,300	170,322	72,590

HORSES AND MULES EXPORTED.

Two tabulations show the number of horses and mules exported from the United States, month by month, during the years 1914, 1915, 1916 and 1917. These tables are made up from the Summaries of Foreign Commerce of the United States, issued by the Department of Commerce:

HORSES.

Year.	1914.	1915.	1916.	1917.
	Number.	Number.	Number.	Number.
JAN....	1,104	34,643	21,593	30,171
FEB....	1,324	36,960	22,543	14,523
MARCH	3,071	33,694	23,567	18,905
APRIL.	5,161	30,736	16,487	16,943
MAY...	1,301	33,498	18,654	16,437
JUNE...	1,236	40,083	21,300	18,435
JULY...	927	47,380	24,715	7,657
AUG....	804	43,593	29,878	11,047
SEPT...	7,146	44,345	31,558	9,411
OCT....	12,091	16,127	29,590	10,008
NOV....	28,071	25,630	18,044	4,127
DEC....	30,687	26,325	29,475	12,658
Total.	92,923	443,014	287,413	170,322

MULES.

Year.	1914.	1915.	1916.	1917.
	Number.	Number.	Number.	Number.
JAN....	434	6,900	7,246	10,812
FEB....	625	6,638	11,597	12,906
MARCH	569	4,433	7,232	14,186
APRIL.	630	12,253	5,302	4,006
MAY...	273	13,643	9,233	5,547
JUNE...	244	12,916	9,091	4,472
JULY...	211	15,031	7,456	2,320
AUG....	108	12,925	16,629	2,392
SEPT...	181	10,094	17,239	5,361
OCT....	195	9,396	15,309	4,444
NOV....	1,035	3,943	15,997	1,218
DEC....	5,266	11,825	12,130	4,926
Total..	9,771	122,066	134,461	72,590

LIVE STOCK IMPORTS, 1918.

Month.	Cattle.	Sheep.	Horses.	Mules.
JANUARY.....	9,286	1,423	231	.....
FEBRUARY.....	11,294	7,085	520	.....
MARCH.....	14,603	13,200	588	.....
APRIL.....	22,563	1,899	602	.....
FOUR MONTHS	57,746	23,607	1,941	.....

LIVE STOCK EXPORTS, 1918.

Month.	Cattle.	Sheep.	Horses.	Mules.
JANUARY.....	601	6	8,135	3,701
FEBRUARY.....	508	48	9,091	1,286
MARCH.....	1,245	6	4,500	1,293
APRIL.....	1,457	11	2,446	89
FOUR MONTHS	3,811	71	24,172	6,369

BLACK WALNUTS.

Trees, Productions and Values by Different States.

In the year 1909 black walnut trees of bearing age were grown upon 54,837 farms, and trees not of bearing age were grown upon 14,994 farms. The bearing trees numbered 786,210 and the young trees were 273,856. The total production in pounds was 15,628,776, and the total market value was \$244,479. The table herewith shows the details by states.

State.	Trees of Bearing Age.	1910. Trees Not of Bearing Age.	Production, Pounds.	Value, Dollars.
ALA...	3,228	1,753	157,245	3,477
ARIZ...	5	26		
ARK...	9,104	5,640	514,273	7,795
CALIF...	6,582	7,905	159,374	2,562
COLO...	3,311	416	7,330	248
CONN...	3,188	2,636	45,304	1,856
DEL...	890	554	35,200	581
FLA...	470	2,855	42,573	766
GA...	6,850	4,627	427,607	8,598
IDAHO...	502	1,847	2,053	41
ILL...	44,159	24,698	530,730	7,411
IND...	11,848	4,822	378,842	4,386
IA...	125,194	24,277	1,134,061	20,589
KAS...	113,537	8,619	377,649	6,033
KY...	14,521	2,360	793,970	11,384
LA...	616	655	54,624	970
ME...	231	63	1,600	50
MD...	5,375	1,522	274,936	2,997
MASS...	1,910	434	40,064	1,219
MICH...	16,105	3,520	546,779	7,804
MINN...	7,036	6,307	65,074	1,490
MISS...	2,914	2,391	151,406	3,700
MO...	85,330	15,199	2,446,402	24,526
MONT...	20	236		
NEB...	78,296	36,526	381,968	8,740
NEV...	34			29
N. H...	1,518	208	13,330	375
N. J...	4,168	804	151,828	2,766
N. M...	101	1,823	200	10
N. Y...	19,872	27,591	465,918	11,485
N. C...	19,570	9,180	1,081,480	16,138
N. D...	2			
OHIO...	8,693	3,399	354,135	4,645
OKLA...	21,412	7,204	94,659	1,591
ORE...	2,024	3,405	69,097	1,333
PENN...	65,075	22,193	2,162,471	39,306
R. I...	25		1,320	45
S. C...	3,662	2,258	185,252	3,672
S. D...	16,726	10,219	72,659	1,490
TENN...	18,225	3,536	708,627	9,194
TEX...	1,820	1,206	55,446	995
VT...	1,704	253	32,910	725
VA...	23,049	9,173	600,141	9,723
WASH...	1,427	601	43,438	687
W. VA...	32,495	9,682	878,215	11,430
WIS...	3,459	922	86,086	1,617
WYO...	17	11		
Total.	786,210	273,856	15,628,776	244,479

Advertising Managers, see that you get the benefit of the service of The National Farmer and Stock Grower of St. Louis, Mo., the best medium in the richest agricultural circle.

We solicit regular subscriptions for AGRICULTURAL STATISTICS and intend it to be a first-class, useful publication at a fair price.

The most useful farm paper in the United States is The National Farmer and Stock Grower of St. Louis, Mo. Philip H. Hale, Editor.

Persian or English Walnuts.

In the year 1899 the production of English walnuts was 10,668,065 pounds, and ten years later, in 1909, the product had increased to 22,026,524 pounds. In the census year 1910 there were 16,867 farms reporting 914,270 trees of bearing age and 19,991 farms reporting 806,413 trees not of bearing age. The value of the 1909 production was estimated at \$2,297,333. California grows nearly all the crop, but we give other states the credit they are entitled to.

State.	Trees of Bearing Age.	Trees Not of Bearing Age.	Production, Pounds.	Value, Dollars.
ALA...	3,022	4,180	43,673	3,557
ARIZ...	103	324	1,000	161
ARK...	1,284	1,260	15,436	1,384
CAL...	853,237	546,804	21,432,266	2,247,193
COLO...	39	80	25	3
DEL...	15	15	222	44
FLA...	786	1,489	28,575	2,018
GA...	3,433	6,996	56,585	4,161
IDA...	407	1,013	633	79
ILL...	772	1,045	3,497	331
IA...	200			
KY...	1,227	1,193	35,825	1,499
LA...	1,228	3,390	15,173	1,446
ME...	2,065	1,758	6,916	745
MINN...	7		50	5
MISS...	2,705	5,513	66,492	6,949
MO...	1,214	999	5,791	618
NEV...	39	148	200	20
N. J...	429	1,360	2,798	302
N. M...	250	1,641	715	91
N. Y...	456	139	9,346	858
N. C...	2,125	1,731	73,303	3,686
OHIO...	599	220	2,461	154
OKLA...	6,889	5,962	6,700	489
ORE...	9,526	177,004	79,060	8,288
PENN...	198	142	4,523	516
R. I...	1	1		
S. C...	1,373	1,834	28,160	2,583
TENN...	437	137	4,157	295
TEX...	9,685	13,015	40,658	3,700
UTAH...	292	484	5,985	533
VA...	3,540	1,642	22,512	1,231
WASH...	3,651	23,406	16,450	2,241
W. VA...	3,035	1,481	17,337	2,153
WYO...	1			
Total	914,270	806,413	22,026,524	2,297,336

Cantaloupes, 1916 and 1917.

Eight thousand additional acres devoted to producing cantaloupes is the good record of the year 1917. We obtain therefrom a nice million additional crates. We herewith give the heart of the Agricultural Department report:

State.	1916.		1917.	
	Acres.	Production, Crates.	Acres.	Forecast of Production, Crates.
N. C...	4,300	602,000	4,100	574,000
S. C...	1,000	142,000	900	138,000
GA...	5,000	730,000	7,600	1,170,400
FLA...	1,500	210,000	1,200	127,200
TENN...	400	68,000	200	29,600
ALA...	300	40,800	600	88,800
ARK...	3,300	382,000	6,900	752,100
COLO...	5,300	826,800	4,500	855,000
N. M...	600	121,200	700	126,000
ARIZ...	1,800	324,000	3,400	612,000
NEV...	600	108,000	600	108,000
CALIF...				
IM. VAL.	9,200	1,987,200	13,800	2,608,200
CEN. CAL.	7,100	1,228,000	3,500	598,500
Total..	40,400	6,771,900	48,000	7,788,400

The "Whole Art of Husbandry," a book, was printed in England by Barnaby Gooze in 1578.

WHAT BECOMES OF THE GRAIN CROPS.

RECEIPTS OF GRAIN AT VARIOUS CITIES IN THE YEAR 1915.

Cities.	Wheat. Bushels.	Corn. Bushels.	Oats. Bushels.	Rye. Bushels.	Barley. Bushels.	Total. Bushels.
Chicago, 1915.....	70,704,000	95,357,000	133,475,000	4,648,000	26,167,000	330,351,000
Detroit, 1915.....	2,714,000	3,797,000	4,775,000	539,000	9,000	11,834,000
Buffalo, 1915.....	166,670,198	17,281,413	10,969,616	3,787,863	13,512,782	212,221,872
Montreal, 1915.....	44,450,230	827,328	14,535,411	3,058	1,876,769	61,669,802
Omaha, 1915.....	16,587,600	21,295,200	11,042,000	1,076,000	555,000	53,555,800
Peoria, 1915.....	4,830,625	20,479,375	11,279,800	372,800	2,334,200	39,296,800
Kansas City, 1915.....	58,693,950	20,803,750	6,247,500	361,900	1,817,200	87,924,300
St. Louis, 1915.....	35,250,404	18,917,185	19,402,855	495,463	1,463,170	75,529,077
Indianapolis, 1915.....	4,026,000	16,114,000	8,839,000	205,000	.....	29,184,000
Cincinnati, 1915.....	7,380,386	7,813,414	6,816,890	702,483	601,502	23,314,675
Toledo, 1915.....	9,551,000	4,132,600	6,341,700	118,000	141,700	20,285,000
Cleveland, 1915.....	3,536,597	3,948,169	6,470,005	52,400	123,058	14,130,233
Boston, 1915.....	13,559,148	789,616	3,287,859	400,777	874,682	18,912,082
New York, 1915.....	99,342,750	14,383,985	88,387,922	2,020,650	6,671,785	210,802,092
Philadelphia, 1915.....	34,860,627	3,904,354	18,744,587	1,284,594	667,581	59,461,743
Baltimore, 1915.....	36,303,781	18,739,745	25,742,902	10,218,611	6,103,985	97,109,024
Milwaukee, 1915.....	6,723,175	14,117,585	28,537,780	3,579,250	17,190,720	70,148,510
Duluth, 1915.....	95,122,447	2,357,657	6,482,346	4,056,281	14,342,651	122,361,332
Minneapolis, 1915.....	142,669,370	10,777,330	33,544,950	6,237,190	36,593,780	239,822,920
Galveston, 1915.....	32,881,000	875,000	.....	.....	.....	34,756,000
New Orleans, 1915.....	32,202,000	6,789,000	3,860,000	.....	.....	42,851,000
Portland, Ore., 1915.....	18,418,775	233,750	2,286,400	22,800	2,677,050	23,638,775
San Francisco, 1915.....	2,959,932	368,843	826,052	11,960	7,596,623	11,763,410
Winnipeg, 1915.....	220,480,125	.....	53,844,500	110,000	7,862,650	282,297,275

RECEIPTS OF GRAIN AT VARIOUS CITIES IN THE YEAR 1916.

Cities.	Wheat. Bushels.	Corn. Bushels.	Oats. Bushels.	Rye. Bushels.	Barley. Bushels.	Total. Bushels.
Chicago, 1916.....	74,944,000	102,376,000	161,244,000	5,601,000	34,526,000	378,691,000
Detroit, 1916.....	2,539,000	3,835,000	3,933,000	531,000	.....	10,838,000
Buffalo, 1916.....	138,668,781	3,527,207	22,036,301	1,477,346	11,700,053	177,409,688
Montreal, 1916.....	58,382,190	4,773,091	23,799,796	353,896	3,351,922	90,660,895
Omaha, 1916.....	36,831,600	21,466,600	14,570,700	1,163,800	1,136,800	75,169,500
Peoria, 1916.....	3,440,100	37,164,790	11,728,950	629,700	3,333,100	56,296,640
Kansas City, 1916.....	77,785,650	22,186,250	7,961,100	414,700	2,043,000	108,390,700
St. Louis, 1916.....	40,578,583	18,459,835	19,237,385	813,714	1,580,920	80,670,437
Indianapolis, 1916.....	3,292,000	25,166,000	14,596,000	126,000	.....	43,180,000
Cincinnati, 1916.....	7,274,652	9,499,415	7,005,353	660,077	1,498,534	25,938,031
Toledo, 1916.....	6,592,700	3,961,600	4,358,800	135,100	19,000	15,067,200
Cleveland, 1916.....	2,120,979	3,706,405	5,609,815	593,767	68,421	12,099,387
Boston, 1916.....	16,521,474	2,401,678	13,493,560	265,888	564,655	33,247,255
New York, 1916.....	127,316,180	11,055,200	33,277,800	744,700	14,055,023	186,448,903
Philadelphia, 1916.....	42,903,186	4,827,874	13,643,442	384,783	1,155,489	62,914,774
Baltimore, 1916.....	46,289,243	22,069,065	41,230,468	12,577,433	4,986,969	127,153,178
Milwaukee, 1916.....	8,705,256	11,611,530	40,134,900	3,669,240	22,402,760	86,523,686
Duluth, 1916.....	50,691,105	7,299,813	7,299,813	2,850,506	10,621,371	71,462,795
Minneapolis, 1916.....	130,404,830	7,536,220	42,525,860	7,297,320	37,588,460	225,352,690
Galveston, 1916.....	24,076,000	1,038,000	.....	.....	48,113	25,162,113
New Orleans, 1916.....	23,724,000	6,792,000	3,397,000	.....	954,000	31,867,000
Portland, Ore., 1916.....	6,873,997	178,620	3,139,000	44,800	798,094	11,025,511
San Francisco, 1916.....	3,351,223	330,213	2,162,650	32,698	8,408,336	14,285,115
Winnipeg, 1916.....	235,203,800	.....	103,725,450	183,000	11,188,300	350,300,550

RECEIPTS OF GRAIN AT VARIOUS CITIES IN THE YEAR 1917.

Cities.	Wheat. Bushels.	Corn. Bushels.	Oats. Bushels.	Rye. Bushels.	Barley. Bushels.	Total. Bushels.
Chicago, 1917.....	31,751,000	70,854,000	125,910,000	4,541,000	22,348,000	356,404,000
Detroit, 1917.....	2,484,000	7,215,000	3,626,000	460,000	.....	9,285,000
Buffalo, 1917.....	97,898,000	12,158,000	48,362,000	3,570,000	11,896,000	163,884,000
Montreal, Can., 1917.....	33,662,446	850,101	13,674,161	216,612	2,815,818	51,191,141
Omaha, 1917.....	13,714,600	29,882,600	20,280,500	875,200	1,711,400	66,460,300
Peoria, 1917.....	2,799,200	29,266,890	16,986,450	220,800	3,297,200	52,563,540
Kansas City, 1917.....	36,954,000	14,917,500	14,917,000	442,200	7,110,000	72,441,600
St. Louis, 1917.....	30,359,894	22,249,732	30,842,635	460,432	1,726,644	85,539,337
Cincinnati, 1917.....	7,517,958	8,939,172	7,073,714	750,664	1,033,828	25,315,336
Toledo, 1917.....	5,443,200	2,227,800	3,720,600	124,100	14,800	11,530,500
Cleveland, 1917.....	2,088,076	2,014,052	4,562,115	267,978	5,064	8,906,285
Boston, 1917.....	7,815,893	805,526	9,570,000	265,880	60,377	18,517,684
New York, 1917.....	78,217,300	13,768,000	38,406,000	3,441,500	11,543,000	145,376,500
Philadelphia, 1917.....	31,285,652	4,034,394	18,974,789	1,205,913	151,477	45,652,225
Baltimore, 1917.....	25,373,787	19,191,062	22,670,743	9,073,836	1,586,769	77,896,197
Milwaukee, 1917.....	7,676,447	11,121,900	29,341,010	2,500,165	16,724,120	67,363,642
Duluth, 1917.....	30,576,769	31,938	5,184,253	3,890,739	8,559,418	48,153,117
Minneapolis, 1917.....	101,021,250	8,065,390	29,382,000	9,212,550	27,791,110	175,472,190
Galveston, 1917.....	14,060,965	556,899	929,250	150,000	865,103	16,562,317
New Orleans, 1917.....	17,005,657	3,764,847	9,247,100	281,442	8,869,893	39,168,939
Port Arthur, Can., 1917.....	160,961,158	.....	47,761,375	159,647	6,760,000	205,742,180
Winnipeg, 1917.....	188,299,650	.....	66,311,700	324,000	7,016,100	261,951,450

THE SIZE OF AMERICAN FARMS.

The following tabulated statement is an exhibit of the different sized farms in the United States, showing the number in each state in each class. On page 4 will be found a memorandum of the total number of each size in the United States:

States.	Farms less than 3 Acres.	Farms 3 to 9 Acres.	Farms 10 to 19 Acres.	Farms 20 to 49 Acres.	Farms 50 to 99 Acres.	Farms 100 to 174 Acres.	Farms 175 to 250 Acres.	Farms 260 to 499 Acres.	Farms 500 to 999 Acres.	Farms exceeding 1,000 Acres.
ALA.	130	13,613	28,115	106,841	55,448	35,563	11,932	8,161	2,276	822
ARIZ.	1,595	912	839	1,447	820	2,591	263	494	164	72
ARK.	114	6,270	29,875	74,983	45,373	39,353	11,135	6,014	1,163	398
CALIF.	1,269	9,324	11,932	20,614	10,680	12,015	4,689	7,862	5,119	4,693
COLO.	569	2,222	2,279	3,882	4,384	16,355	3,004	9,472	2,426	1,577
CONN.	223	2,693	3,119	6,306	6,634	4,999	1,702	911	188	40
DEL.	32	672	831	1,988	2,977	2,849	994	435	52	6
D. C.				217						
FLA.	307	3,758	5,019	17,169	9,999	8,178	2,589	1,956	670	371
GA.	98	8,602	20,929	117,432	68,510	42,275	16,436	11,274	3,950	1,521
IDAHO.	189	875	941	4,048	5,820	11,891	2,519	3,347	921	256
ILL.	845	9,191	10,258	33,322	57,917	80,539	38,315	19,440	1,842	203
IND.	441	11,508	11,695	40,161	67,221	57,261	18,081	8,026	949	142
IOWA.	392	7,295	6,037	15,687	38,712	80,121	40,304	25,861	2,430	214
KAS.	220	4,221	3,601	10,738	26,151	57,789	26,590	34,696	10,475	3,360
KY.	325	21,777	33,380	58,737	65,778	50,134	17,315	9,324	2,181	444
LA.	344	6,671	22,241	46,389	20,248	13,681	4,645	3,761	1,548	1,013
MAINE.	118	3,456	3,539	9,492	17,995	16,633	5,653	2,640	461	129
MD.	148	4,977	5,107	8,629	9,946	11,457	5,043	3,027	506	83
MASS.	833	4,817	4,956	8,890	7,981	5,703	2,147	1,178	319	93
MICH.	387	6,679	7,719	49,890	73,748	50,622	12,426	4,717	607	165
MINN.	294	2,555	2,770	12,028	26,571	55,424	27,972	24,864	3,359	300
MISS.	240	11,132	55,571	112,666	44,645	30,172	10,132	6,983	2,061	780
MO.	455	8,561	10,740	47,398	74,178	80,020	32,109	19,812	3,427	544
MONT.	274	229	252	956	1,260	10,552	1,566	6,773	2,353	1,999
NEB.	129	2,298	1,931	4,558	12,618	43,916	20,743	26,490	13,128	3,867
NEV.	87	79	105	320	411	555	174	366	248	344
N. H.	92	2,357	2,146	4,509	6,248	6,247	2,964	1,810	513	167
N. J.	541	3,256	4,276	7,607	8,194	7,207	1,659	576	112	59
N. MEX.	988	3,212	2,685	2,812	1,820	15,363	1,353	6,035	836	572
N. Y.	1,424	17,231	15,533	31,047	56,821	61,031	21,901	9,262	1,104	243
N. C.	116	14,868	28,240	73,629	62,157	43,987	15,629	9,625	2,669	805
N. DAK.	54	82	93	450	1,207	23,003	5,345	29,048	12,662	2,416
OHIO.	749	19,478	18,716	50,331	88,047	68,746	18,211	6,202	783	112
OKLA.	104	1,375	5,079	31,483	39,002	75,186	10,078	17,734	2,688	857
OREGON.	214	2,639	3,147	6,888	6,800	12,009	3,680	5,663	2,716	1,116
PA.	972	19,130	18,556	39,721	65,687	55,518	14,096	4,816	632	167
R. I.	145	585	647	1,144	1,264	945	312	1575	51	24
S. C.	53	14,218	23,714	70,582	33,147	19,427	7,164	5,375	1,942	812
S. DAK.	99	341	368	1,121	2,406	28,396	8,230	24,811	9,698	2,174
TENN.	143	14,713	32,485	72,212	60,105	41,545	14,149	8,301	1,878	481
TEXAS.	411	9,069	19,891	98,583	112,237	94,574	31,864	27,185	12,833	11,123
UTAH.	297	1,836	2,541	5,550	4,170	3,660	1,372	1,309	551	390
VT.	60	2,581	1,937	3,481	5,910	9,492	5,194	3,322	607	125
VA.	227	17,464	22,055	42,390	38,342	32,997	14,963	11,138	3,450	992
WASH.	563	4,593	5,373	10,252	7,105	13,884	3,089	6,126	3,481	1,726
W. VA.	117	7,419	7,863	20,323	26,806	20,156	7,481	4,767	1,316	437
WIS.	273	5,491	4,883	23,460	54,007	58,439	20,196	9,274	966	141
WYO.	284	83	53	338	645	3,816	785	2,846	984	1,155

COMPARATIVE GRAIN CROPS OF UNITED STATES FOR A SERIES OF YEARS.

Crop.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.
1887.	456,329,000	1,456,161,000	659,618,000	20,691,000	56,812,000
1888.	414,868,000	1,987,790,000	701,735,000	28,415,000	63,884,000
1889.	490,560,000	2,112,892,000	751,515,000	28,500,000	66,000,000
1890.	399,262,000	1,489,970,000	523,621,000	29,000,000	58,800,000
1891.	611,780,000	2,060,154,000	733,394,000	36,000,000	77,400,000
1892.	515,949,000	1,628,464,000	601,035,000	36,000,000	76,460,000
1893.	396,131,725	1,619,496,131	638,854,850	26,555,446	69,869,495
1894.	460,267,416	1,212,770,052	662,056,928	26,737,615	61,400,465
1895.	467,102,947	1,151,139,580	824,443,587	27,310,070	68,072,744
1896.	427,694,346	1,283,875,165	707,346,404	24,369,047	69,695,223
1897.	530,140,168	1,902,967,933	698,767,809	7,363,324	66,685,127
1898.	675,148,705	1,924,184,660	730,906,613	25,657,522	55,792,257
1899.	547,303,846	2,078,143,933	796,177,713	23,961,741	73,381,563
1900.	522,229,505	2,105,102,516	809,125,989	23,995,927	58,925,833
1901.	748,460,218	2,522,519,891	736,808,724	30,344,830	109,932,924
1902.	670,063,008	2,523,648,812	987,842,712	33,630,592	134,954,023
1903.	637,821,835	2,244,176,925	784,094,199	29,363,416	131,861,391
1904.	552,399,517	2,467,480,934	894,595,552	27,234,565	139,748,958
1905.	692,979,489	2,707,993,540	953,216,197	27,616,045	136,651,020
1906.	735,260,970	2,927,416,091	964,904,523	33,374,833	178,916,484
1907.	634,987,000	2,592,320,000	754,443,000	31,566,000	153,597,000
1908.	664,692,000	2,668,651,000	807,156,000	31,851,000	166,756,000
1909.	683,350,000	2,552,190,000	1,007,129,000	29,520,000	176,321,000
1910.	635,121,000	2,886,260,000	1,186,341,000	34,897,000	173,832,000
1911.	621,338,000	2,531,488,000	922,298,000	33,119,000	160,240,000
1912.	730,337,000	3,124,746,000	1,418,337,000	35,664,000	223,824,000
1913.	763,880,000	2,446,988,000	1,121,038,000	41,381,000	178,189,000
1914.	891,017,000	2,672,804,000	1,141,060,000	42,779,000	194,953,000
1915.	1,011,505,000	3,054,535,000	1,540,362,000	49,190,000	237,009,000
1916.	639,886,000	2,583,241,000	1,251,992,000	47,383,000	150,927,000
1917.	650,828,000	3,159,494,000	1,587,000,000	60,145,000	208,975,000
1918.	890,220,000	3,159,836,000	1,436,617,000	81,604,000	229,816,000

FARM TENURE—WHITE AND COLORED.

In the United States at the last census 5,540,619 farms were in the hands of white farmers and 920,883 farms were in the hands of colored farmers. White owners cultivating their own farms were 3,707,501, and colored farmers cultivating their own farms were 21,221. White farm managers conducted 56,560 farms and 1,544 colored men managed other people's farms. There were 1,676,558 farms rented by white tenants and 678,118 farms rented by colored tenants.

WHITE FARMERS. COLORED FARMERS.

State.	Owners.	Tenants.	Mgrs.	Owners, Tenants.
ALA.	86,947	594	65,017	17,082
ARIZ.	5,054	152	818	3,149
ARK.	91,987	717	58,381	14,662
CALIF.	65,694	3,355	16,070	938
COLO.	36,527	786	8,283	4,666
CONN.	23,155	937	2,610	79
DEL.	5,772	197	4,035	406
D. C.	110	14	81	8
FLA.	28,101	1,174	6,020	7,298
GA.	82,930	1,296	81,212	15,698
IDAHO.	26,826	450	3,126	343
ILL.	144,318	2,368	103,761	789
IND.	148,029	2,282	64,369	472
IOWA.	152,867	1,924	82,052	136
KAS.	110,010	1,314	64,826	1,098
KY.	164,403	953	82,099	5,329
LA.	42,264	873	22,530	10,725
MAINE.	56,429	998	2,560	25
MD.	29,569	901	12,081	3,950
MASS.	31,966	1,859	2,968	100
MICH.	171,525	1,952	32,537	785
MINN.	211,910	1,220	32,714	194
MISS.	67,040	719	41,886	25,026
MO.	190,176	1,960	81,442	2,109
MONT.	22,198	502	2,318	1,167
NEB.	78,881	986	49,349	369
NEV.	2,023	130	325	152
N. H.	24,881	680	1,887	12
N. J.	23,868	1,033	8,110	265
N. M.	31,277	317	1,934	2,121
N. Y.	165,866	4,037	44,755	808
N. C.	123,877	1,044	63,148	21,443
N. D.	62,485	482	10,050	727
OHIO.	190,791	2,725	76,579	1,313
OKLA.	74,250	624	91,643	11,150
ORE.	31,318	839	6,713	478
PENN.	163,888	3,240	50,031	341
R. I.	4,058	251	942	29
S. C.	43,978	732	34,926	20,372
S. D.	55,248	422	19,166	2,736
TENN.	133,425	775	73,504	10,700
TEX.	174,631	2,251	170,970	21,232
UTAH.	19,516	193	1,661	216
VA.	101,436	1,445	33,023	32,228
VT.	28,018	635	4,006	17
WASH.	46,804	950	7,313	701
W. VA.	75,420	865	19,692	558
WIS.	150,473	1,447	24,616	549
WYO.	9,781	310	894	61
U. S.	3,707,501	1,676,558	1,544	
U. S.	56,560		241,221	678,118

IMPROVED AND UNIMPROVED LAND.

NOTE.—Farm land is divided by the Census Department into three classifications: 1. Improved land includes all land regularly tilled or mowed, land pastured and cropped in rotation, land lying fallow, land in gardens, orchards, vineyards and nurseries and land occupied by farm buildings. 2. Woodland includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products. 3. Unimproved land includes brush land, rough or stony land, swamp land and any other land which is not inclosed or is in forests.

State.	Farms.	Acreage in improved.	Acreage in unimproved.
ALA.	20,732,312	9,693,581	9,444,764
ARIZ.	1,246,613	350,173	100,061
CAL.	27,931,444	11,389,894	4,541,767
COL.	15,532,115	4,302,101	891,698
CONN.	2,185,788	988,252	757,943
DEL.	1,038,866	713,538	252,034
D. C.	6,063	5,133	689
FLA.	5,253,558	1,805,408	3,007,638
GA.	26,953,413	12,298,017	13,002,741
IDA.	5,283,004	2,778,740	584,666
ILL.	32,527,937	28,048,323	3,147,879
IND.	21,299,823	16,931,252	3,370,791
IA.	33,930,683	29,491,199	2,314,115
KAS.	43,884,729	29,004,067	1,205,910
KY.	22,189,197	14,354,471	6,951,626
LA.	10,439,451	5,276,016	4,165,561
ME.	6,296,859	2,360,657	2,775,621
MD.	5,057,140	3,354,767	1,467,333
MAS.	2,875,941	1,164,501	1,064,583
MCH.	18,940,614	12,832,078	2,927,554
MIN.	27,675,823	19,643,533	3,922,391
MIS.	18,557,533	9,008,310	7,883,558
MO.	34,691,248	24,581,186	8,918,972
MON.	13,542,603	3,640,309	595,870
NEB.	38,622,021	24,382,577	803,206
NEV.	2,714,757	752,117	49,209
N. H.	3,249,458	929,185	1,502,389
N. J.	2,873,857	1,803,336	538,131
N. M.	11,720,021	1,467,191	1,491,025
N. Y.	22,030,367	14,844,039	4,436,145
N. C.	22,439,129	3,813,056	12,451,739
N. D.	28,426,050	20,455,092	421,877
O.	24,105,708	19,227,959	3,285,376
OKL.	38,859,353	17,551,337	3,568,910
ORE.	11,635,110	4,274,803	2,237,826
PA.	18,586,832	12,673,519	4,289,439
R. I.	443,008	178,344	185,990
S. C.	13,512,028	6,097,999	9,339,142
S. D.	26,910,892	15,287,208	383,144
TEN.	20,041,657	10,890,484	8,007,733
TX.	112,435,067	27,360,666	27,658,413
UTAH.	3,397,699	1,368,211	145,510
VT.	4,663,577	1,633,965	1,566,698
VA.	19,495,636	9,870,058	8,114,680
WASH.	112,235	6,373,311	1,541,551
W. VA.	10,026,442	5,521,757	3,968,836
WIS.	21,060,666	11,907,606	5,377,580
WYO.	8,543,010	1,256,160	252,152

878,798,323 190,865,558
478,451,750 209,481,022

FOOD SUPPLIES OF COUNTRIES.

The following table gives estimated values of relative imports, exports and production of foodstuffs in the countries named (on the basis of 100 representing their consumption) prior to the outbreak of the war. It may surprise some persons to observe that before the war the United States imported more foodstuffs than she exported. The principal exports of foodstuffs from the United States are grain and meats, but these did not equal in value the imports of sugar and coffee. In addition to these much of our imports are tropical or subtropical fruits.

Index Numbers of Foodstuffs Imported, Exported, Produced and Consumed, Furnished by the United States Department of Agriculture.

Countries.	Consumption.	Imports.	Exports.	Production.
UNITED KINGDOM	100	56.3	9.1	52.8
FRANCE	100	12.2	5.7	93.5
RUSSIA	100	2.8	12.4	109.6
BELGIUM	100	62.8	20.1	57.3
UNITED STATES	100	10.2	7.4	97.2
CANADA	100	12.5	35.3	122.8
ARGENTINA	100	5.3	53.3	148.0
GERMANY	100	20.8	8.4	87.6
AUSTRIA-HUNGARY	100	7.8	6.2	98.4

Cabbage Crop, 1915-16.

There was considerable difference, one year with another. In 1915 the production was 9.7 tons per acre; in 1916 the production was reduced to 6.2 tons per acre. In 1915 the ground harvested was 69,400 acres, and in 1916 only 40,100 acres were harvested.

State.	1915.	1915.	1916.	1916.
	Per Acre.	Pro- duc- tion.	Per Acre.	Pro- duc- tion.
COLO.	10.3	39,700	10.3	32,900
IND.	5.0	6,500	3.5	3,900
IOWA	10.0	28,400	6.5	10,800
MICH.	9.0	41,400	7.1	17,400
MINN.	9.0	21,000	6.4	9,700
N. Y.	10.0	359,000	5.4	96,200
OHIO	7.0	27,100	5.3	11,900
VA.	9.0	12,900	7.1	6,100
WIS.	10.0	134,600	6.3	58,000
Nine States	9.7	670,600	6.2	247,000

(CONTINUED FROM PAGE 16.)

WHITE, D. J., Breeder of Aberdeen-Angus Cattle, CLEMENTS, KAS.
WILSON, JAMES D., Specialty, Schrock Kafir Seed, R. F. D., PARSONS, KAS.
WOODDELL, G. B., Breeder of Duroc-Jersey Swine, WINFIELD, KAS.
WOOD'S DUROC FARM (F. F. WOOD, Prop.), Duroc-Jersey Swine, WAMEGO, KAS.

KENTUCKY.

ARBuckle, M. B., Breeder of Pure-Bred Shorthorn Cattle, RICHMOND, KY.
ASBURY, H. T., Breeder of Pure-Bred Shorthorn Cattle, AUGUSTA, KY.
BASS, S. A., Breeder of Pure-Bred Shorthorn Cattle, RUSSELLVILLE, KY.
BEAN, W. E., Live Stock Buying Agent, MT. STERLING, KY.
BIGSTAFF, T. J., Pure-bred Poland-Chinas, MT. STERLING, KY.
BLACKERBY, R. M., Breeder of Pure-Bred Shorthorn Cattle, STANFORD, KY.
BYRNE, L. L., Breeder of Pure-Bred Shorthorn Cattle, UNIONTOWN, KY.
CALLAWAY, J. H., Breeder of Shorthorn Cattle, SMITHFIELD, KY.
CARNES, J. T., Breeder of Pure-Bred Shorthorn Cattle, MENTOR, KY.
CARPENTER, C. C., Breeder of Jacks and Jennets, R. R. 2, HOUSTONVILLE, KY.
CLARKSON, R. C., Breeder of Pure-Bred Shorthorn Cattle, LEBANON, KY.
CONNER, HUBERT, Pure-bred Holstein Cattle, BURLINGTON, KY.
COOK FARMS, THE, Mammoth Jacks, Saddlers and Show Horses, LEXINGTON, KY.
CURD, NAT. B., Live Stock and Real Estate Auctioneer, BOWLING GREEN, KY.
DAWSON, MRS. CLARENCE, White Wyandottes, R. R. 3, SHEPHERDSVILLE, KY.
DENNY, W. B., Breeder of Red Berkshire Swine, R. R. 1, LANCASTER, KY.
FELTNER, AUBREY B., Breeder of Pure-Bred Poland-China Swine, LONDON, KY.
FISCHER, SAM. & SONS, Breeders of Shorthorns and Polled Durhams, TUNNEL HILL, KY.
FOREST HOME FARMS, McKee Bros., Props., Duroc-Jerseys, VERSAILLES, KY.
GILTNER, R. R., Breeder of Kentucky Herefords, EMINENCE, KY.
GODDARD, R. E., Dealer in Harness and Saddle Horses, HARRODSBURG, KY.
GLENWORTH FARMS, A. S. Edelen, Owner, Kentucky Stallions, Mares and Geldings, also Jack Stock, BURGIN, KY.
HAINLINE, C. B., Breeder of Jacks and Jennets, R. R. 6, MT. STERLING, KY.
HAMMAN, MRS. H. J., Barred Plymouth Rocks, CLOVERPORT, KY.
HANCOCK, A. B., Breeder of Pure-Bred Shorthorn Cattle, PARIS, KY.
HENGST, F. D., Live Stock Auctioneer, 35 Paul Jones Bldg., LOUISVILLE, KY.
HOLMAN, W. A., Live Stock and Farm Auctioneer, ADAIRVILLE, KY.
HOWARD, S. J., Breeder of O. I. C. Swine, HENDERSON, KY.
HOWELL BELL AUCTION COMPANY, Horses and Mules, 1046 East Main St., LOUISVILLE, KY.
HUTSELL, J. M., Breeder of Mammoth Jacks, R. R. 3, MT. STERLING, KY.
IGLEHEART, COL. H. L., Live Stock Auctioneer, ELIZABETHTOWN, KY.
JOHNSON, W. W., Registered Poland-China Hogs, DANVILLE, KY.
JONES, W. M. & SON, Horse Breeders and Dealers, NORTH MIDDLETOWN, KY.
KENTUCKY JACK FARM (J. E. Wright, Owner), Breeder of Mammoth Jacks and Jennets, JUNCTION CITY, KY.
KENTUCKY PURE-BRED LIVE STOCK ASSOCIATION. All Kinds of Pure-bred Live

Stock. Write For Sale Bulletin. L. B. Shropshire, Secretary, Republic Bldg., LOUISVILLE, KY.
KERFOOT, J. O., Jersey Cattle and Duroc-Jersey Hogs, R. R. 3, ELIZABETHTOWN, KY.
LAND, A. M., & CO., Pure-bred Jacks and Jennets, NICHOLASVILLE, KY.
LONGVIEW STOCK FARM, Angus Cattle and Berkshires, SHEPHERDSVILLE, KY.
MARAMAN, GEO. W., & SONS, Chester White and O. I. C. Hogs, SHEPHERDSVILLE, KY.
MARVIN, C. E., Breeder of Shetland Ponies, PAYNES DEPOT, KY.
MAYES, E. S., Breeder of Duroc-Jersey Swine, SPRINGFIELD, KY.
MAYFIELD FARM, Breeders of Duroc-Jersey Swine, LEXINGTON, KY.
MOORELAND, R. E., Harness and Saddle Horses, LEXINGTON, KY.
NEWMAN & BOWLES, Breeders of Holstein Cattle, BARDSTOWN, KY.
NORTHUTT, JOHN K., Durocs and Shorthorns, CYNTHIANA, KY.
PEMBERTON, C. L., Dealer in Gaited Saddle Horses, ELIZABETHTOWN, KY.
PRICE, W. B., Eminence Stock Farm, Holsteins, EMINENCE, KY.
ROARING BROOK FARM, Saddle Horses, Shorthorn and Jersey Cattle, BURGIN, KY.
SAUNDERS, U. G., Springdale Stock Farm, Hereford Cattle, LEXINGTON, KY.
SHEEHAN, JOHN A., Grower of Sweet Clover Seed, R. 4, FALMOUTH, KY.
SIMPSON, JOHN W., Saddlers and Jacks and Jennets, BRONSTON, KY.
SHROPSHIRE, W. G., Breeder and Dealer in Saddle Horses, WINCHESTER, KY.
TURLEY, W. B., Kentucky Red Berkshires, RICHMOND, KY.
VAUGHAN, EDGAR, Registered Jersey Cattle, SHELBYVILLE, KY.
VEATCH, J. A., & CO., Jennets and Mules, HARRODSBURG, KY.
WILSON, J. H., Pure-bred Hereford Cattle, EMINENCE, KY.
WRAY, WILL T., Enterprise Farms, Russian Sunflowers, BARDWELL, KY.

LOUISIANA.

BALLANCE, J. H., Breeder of Pure-Bred Poland-China Swine, ALEXANDRIA, LA.
COMPTON, J. T., Breeder of Pure-Bred Berkshire Swine, ALEXANDRIA, LA.
JARMAN, W. A., Breeder of Pure-Bred Poland-China Swine, DUBACH, LA.
LE BLANC, OVIDE, Breeder of Pure-Bred Poland-Chinas, YOUNGSRVILLE, LA.
LEVER, H. W., Breeder of Pure-Bred Berkshire Swine, ROBSON, LA.
LEWIS, A. W., Breeder of Pure-Bred Poland-China Swine, LOGANSPORT, LA.
MAXWELL, J. S., Breeder of Pure-Bred Poland-China Swine, MINDEN, LA.
MORRIS, RUFUS, Breeder of Pure-Bred Berkshire Swine, BON AMI, LA.
O'BANNON, ERNEST, O'Bannon's No-Chop Cotton Seed, HOMER, LA.
PARKER STOCK FARM, Duroc Swine and Hereford Cattle, ST. FRANCISVILLE, LA.
RICKS, STOREY, Breeder of Pure-Bred Shorthorn Cattle, GRAND CANE, LA.
WEBER, SIDNEY J., Re-cleaned Lespedeza Seeds (Japan Clover), BATON ROUGE, LA.
ZEAGLER, B. E., Breeder of Pure-Bred Poland-China Swine, OLLA, LA.

MAINE.

BANGS, C. W., Breeder of Pure-Bred Shorthorn Cattle, FREEDOM, ME.
BEACHY, SILAS C., Breeder of Pure-Bred Shorthorn Cattle, ACCIDENT, ME.
CURTIS, E. B., Breeder of Pure-Bred Hampshire Down Sheep, HARRINGTON, ME.
FLETCHER, J. V., Breeder of Pure-Bred Shorthorn Cattle, ANSON, ME.

GLIDDON, S. J., Breeder of Pure-Bred Shorthorn Cattle, FREEDOM, ME.
 HILTON, WILBUR, Breeder of Pure-Bred Hampshire Down Sheep, ANSON, ME.
 HOYT, P. L., Breeder of Pure-Bred Berkshire Swine, PRESQUE ISLE, ME.
 LONG BRANCH FARM (W. B. Kendall, Prop.), Breeders of Shropshire, Cheviot, Hampshire and Dorset Sheep, BOWDOINHAM, ME.
 RICHARDSON, FRED I., Breeder of Pure-Bred Shorthorns, KENDUSKEAG, ME.
 WOODBURY, CHAS. P., Breeder of Pure-Bred Shorthorn Cattle, FREEDOM, ME.

MARYLAND.

ABRY, PHILIP K., Breeder of Pure-Bred Berkshire Swine, EASTON, MD.
 BRYAN, FELIX, Breeder of Pure-Bred Berkshire Swine, NEW BLOOMFIELD, MD.
 CRAIN, ROBERT, Breeder of Pure-Bred Shorthorn Cattle, MOUNT VICTORIA, MD.
 DOUGHOREGAN MANOR FARM, Charles F. Haight, Mgr., Breeder of Superior Milking Shorthorns, ELLICOTT CITY, MD.
 ELKTON FARMS, Breeder of Pure-Bred Berkshire Swine, ELKTON, MD.
 HOBBS, JAMES, Shropshire Sheep, Hampshires, Dorsets, Southdowns and Cotswolds, all Pure-Bred, 2112 Mount Royal Terrace, BALTIMORE, MD.
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 JAVA FARM, High Grade Holsteins, Con-tees Wharf, ANNAPOLIS, MD.
 MERRYMAN, LOUIS McL., Pure-Bred Guernsey Cattle, COCKEYSVILLE, MD.
 VALLEY MILL FARM, Danish S. C. White Leghorns, SILVER SPRING, MD.

MASSACHUSETTS.

ANDERSON, JOHN S., Breeder of Pure-Bred Shorthorns, SHELburne, MASS.
 BALLOU, C. E. & SON, Breeders of Pure-Bred Shorthorns, GREENFIELD, MASS.
 BARNARD, D. T., Breeder of Pure-Bred Shorthorn Cattle, SHELburne, MASS.
 BROWN, IDE, Breeder of Pure-Bred Shorthorn Cattle, ROWE, MASS.
 COLE, E. D., Breeder of Pure-Bred Shorthorn Cattle, SOUTH BARRE, MASS.
 DOLE, STEVENS F., Breeder of Pure-Bred Shorthorn Cattle, SHELburne, MASS.
 FISH, GEO. H., Breeder of Pure-Bred Berkshire Swine, ORANGE, MASS.
 GALE, P. S., Breeder of Pure-Bred Shorthorn Cattle, PETERSHAM, MASS.
 HARRIS, E. A., Breeder of Pure-Bred Shorthorn Cattle, AMHERST, MASS.
 HOOD FARM, Breeders of Berkshire Swine and Jersey Cattle, LOWELL, MASS.
 KNIGHTS, H. W., Breeder of Pure-Bred Berkshire Swine, LITTLETON, MASS.
 NEW ENGLAND AYRSHIRE CLUB, R. M. Handy, Secretary, BARRE, MASS.
 REEVES, D., Breeder of O. I. C. and Large Yorkshire Swine, LEXINGTON, MASS.
 SANDERSON, C. B., Breeder of Pure-Bred Berkshire Swine, SHIRLEY, MASS.
 TRUEDELL, J. W., Breeder of Pure-Bred Shorthorn Cattle, SHELburne, MASS.
 UPLAND FARMS (F. P. Frazier & Sons, Owners; C. E. Johnson, Manager), Pure-bred Guernsey Cattle, IPSWICH, MASS.

MICHIGAN.

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 ADAMS, W. S., Shorthorn Cattle and Tamworth Swine, LITCHFIELD, MICH.
 AMERICAN HAMPSHIRE SHEEP ASSOCIATION, Comfort A. Tyler, Secretary, 36 Woodland Ave., DETROIT, MICH.
 BIDWELL STOCK FARM, Breeder of Pure-Bred Shorthorns, TECUMSEH, MICH.
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BRADLEY, FRANK L., Breeder of Pure-Bred Shorthorn Cattle, CHARLOTTE, MICH.
 BURCH, MRS. W. W., Pure-bred Shetland Sheep, R. 3, COOPERSVILLE, MICH.
 CLARK, GLEN, Breeder of Pure-Bred Guernsey Cattle, EAU CLAIRE, MICH.
 COOK, M. P., Breeder of Pure-Bred Shorthorn Cattle, FLINT, MICH.
 CRAMPTON, H. C., Breeder of Pure-bred Shropshire Sheep, R. R. 1, ELBA, MICH.
 CRANDALL & SON, Breeders of O. I. C. Swine, CASS CITY, MICH.
 KINNE, Z., Breeder of Pure-Bred Poland-Chinas, THREE OAKS, MICH.
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 NATIONAL LINCOLN SHEEP BREEDERS' ASSOCIATION, Bert Smith, Secretary, CHARLOTTE, MICH.

MINNESOTA.

ANDERSON, LOUIS, Pure-bred Chester White Swine, R. R. 1, JACKSON, MINN.
 AVERY, WALTER G., Breeder of Shropshire Sheep, WEST CONCORD, MINN.
 BAKER, H., Breeder of Duroc-Jersey Swine, EDGERTON, MINN.
 BALTUS, MATT, Spring Park Stock Farm, Chester Swine, STEWART, MINN.
 BAUMANN, JACOB, Breeder of Pure-Bred Shorthorn Cattle, TENNEY, MINN.
 CARROLL, M., Breeder of Duroc-Jersey Swine, BALATON, MINN.
 CASTERTON, LAWRENCE, Breeder of Pure-Bred Shorthorns, PROSPER, MINN.
 CHAPMAN, A. B., Pure-Bred Poland-China Swine, MANKATO, MINN.
 CULBERTSON, R. W., Auctioneer Durocs, Shorthorns, Horses, ROCHESTER, MINN.
 EMERY, E. E., Pure-Bred Holstein Cattle, STANTON, MINN.
 FERGUSON BROS., Pure-Bred Hereford Cattle, CANBY, MINN.
 GOODHUE, H. & R. B., Pure-Bred Holstein Cattle, DENNISON, MINN.
 GRABOW, GUSTAV, Home of Duroc-Jersey Swine, RENVILLE, MINN.
 GUMMERT, C. F., Pure-Bred Poland-China Pigs, RENVILLE, MINN.
 HARMON, LOUIS, Breeder of Pure-Bred Shorthorn Cattle, CORNELL, MICH.
 HANSON, H. A., Poland-China Swine, R. 5, MANKATO, MINN.
 HEALY, O. W., & SON, Maple Run Stock Farm Herefords, MAPLETON, MINN.
 HOWE, L. A., Big-Type Chester White Swine, ST. JAMES, MINN.
 JEANS, WM., Pure-Bred Holstein Cattle, WITHROW, MINN.
 JOHNSON, JULIUS, Pure-Bred Chester White Hogs, SLEEPY EYE, MINN.
 LASBY & ROSE, Big Quality Poland-Chinas, MANKATO, MINN.
 NICHOLSON, F., & SON, Pure-Bred Duroc-Jersey Swine, LYND, MINN.
 NEUBERT, R. F. CO., All Breeds of Poultry, Box 641, MANKATO, MINN.
 OAKWOOD STOCK FARM (E. C. Wilkins, Mgr.), Polled Hereford Cattle, BATTLE LAKE, MINN.
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 STENBERG, HENRY, Pure-bred Scotch Shorthorns, ELMORE, MINN.
 TELLER, H. O., Live Stock Auctioneer, FARMINGTON, MINN.
 TILNEY FARMS, THE, Roy F. Crowley, Gen. Mgr., Duroc-Jerseys, ST. JAMES, MINN.
 WEBER, W. A., Poultry Fancier, Fifty Varieties, Box 27, MANKATO, MINN.
 WINSHIP STOCK FARM, Pure-bred Holstein Cattle, OWATONNA, MINN.
 WOODLAKE FARM, Home of the Holsteins, Station F, MINNEAPOLIS, MINN.

MISSISSIPPI.

BAMBERG, J. G., Breeder of Pure-Bred Poland-China Swine, WINONA, MISS.
 BEASLEY, E. A., Breeder of Pure-Bred Poland-China Swine, NESBITT, MISS.
 BECK, JAMES, Breeder of Pure-Bred Poland-Chinas, HOLLY SPRINGS, MISS.
 BRAND, J. T., & BRO., Breeders of Pure-Bred Shorthorn Cattle, PRAIRIE, MISS.
 BYARS, B. B., Breeder of Cherry Red Duroc-Jerseys, RIO, MISS.
 CLARK, B. T., Breeder of Registered Duroc-Jersey Swine, TUPELO, MISS.
 CLARK, L. G., Breeder of Pure-Bred Shorthorn Cattle, WEST POINT, MISS.
 COGGIN, W. L., Breeder of Pure-Bred Poland-China Swine, TUPELO, MISS.
 COLN, I. C., Breeder of Pure-Bred Poland-China Swine, CORINTH, MISS.
 DILLON, RUFUS, Breeder of Pure-Bred Poland-China Swine, KIRKLAND, MISS.
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 FARMER, J. W., & SON, Breeders of Duroc-Jersey Swine, HOUSTON, MISS.
 FINCH, PAUL, Breeder of Pure-Bred Shorthorn Cattle, PRAIRIE, MISS.
 FRENCH, J. R., Breeder of Pure-Bred Poland-China Swine, WEST POINT, MISS.
 HALL—R. P. HALL, JR., Live Stock Dealer and Breeder of Registered Swine, P. O. Box 325, MERIDIAN, MISS.
 HILLTOP STOCK FARM, Breeders of Pure-Bred Hereford Cattle, HOLLY SPRINGS, MISS.
 HINES, C. S., Breeder of Pure-Bred Shorthorn Cattle, NEW ALBANY, MISS.
 McLEOD, K. T., Specialty, White Spanish Peanuts, McLEOD, MISS.
 McMURRY, Breeder of High Grade Jersey Cattle, TOOMSUBA, MISS.
 MARSHALL, GEO. M., "Lansdowne" Stock and Cotton Plantation, NATCHEZ, MISS.
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 PROVINE, R. F., Producer of Lespedeza Clover Seed, BIG CREEK, MISS.
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 VINSOM, J. M., Kudza Plant Specialist, CANTON, MISS.

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 ALDEN BROS., Pure-Bred Aberdeen-Angus Cattle, KIDDER, MO.
 ALLOWAY, H. C., Breeder of Mule Foot Hogs, ELSBERRY, MO.
 ARMSTRONG EGG FARM, Breeders of White Leghorn Chickens, ARTHUR, MO.
 BAKER, E. B., Breeder of Poland-Chinas, KNOX CITY, MO.

BARBER, H. A., Shorthorn Bulls and Heifers, WINDSOR, MO.
 BARTLETT, B. T., Breeder of Hereford Cattle, GREENCASTLE, MO.
 BASS, L. D., Breeder of Hereford Cattle, COLUMBIA, MO.
 BECK, ERNEST, Flowers, Carnation Specialist, LEBANON, MO.
 BLACKWELL, J. D., Breeder of Aberdeen-Angus Cattle, FAYETTE, MO.
 BROWN, R. W., Registered Galloway Cattle, CARROLLTON, MO.
 BROWNING, N. D., Breeder of Berkshire Swine, JACKSON, MO.
 BURKS, S. Y., Poland-Chinas and English Berkshires, R. R. 3, BOLIVAR, MO.
 BURKS, W. H., & SON, Polands and Duroc-Jerseys, BOLIVAR, MO.
 CALDWELL, C. D. & E. F., Angus Cattle, BURLINGTON JUNCTION, MO.
 CARTER, E. H., & SONS, Breeders of Berkshire Swine, MEXICO, MO.
 CHARTERS, W. H., Poland-China Swine, BUTLER, MO.
 DERBY, GEO. F., Pure-Bred Holstein Cattle, CAMERON, MO.
 DOOLITTLE, W. P., Chester White Swine, WOODLAND, MO.
 EARLY, J. J., Pure-Bred Hereford Cattle, BARING, MO.
 ELLIOTT BROS., Breeders of Aberdeen-Angus Cattle, ESTILL, MO.
 ELY & MATTESON, Breeders of Poland-China Swine, EDINA, MO.
 ENGLE, JESSE, & SONS, Beau Blanchard Herefords, SHERIDAN, MO.
 EVANS, J. R., & BROS., Breeders of Shorthorn Cattle, MARYVILLE, MO.
 FAULKNER, H. L., Spotted Poland-Chinas, JAMESPORT, MO.
 FISH, L. M., Duroc-Jerseys and Chester White Swine, BOLIVAR, MO.
 FORSYTHE, W. A., & SONS, Breeders of Shorthorn Cattle, GREENWOOD, MO.
 GENTRY, N. H., Breeder of Champion Berkshire Swine, SEDALIA, MO.
 GEORGE, JAMES A., Breeder of Duroc-Jersey Swine, GARLAND, MO.
 GROSS, COL. P. M., Live Stock Auctioneer, 3240 Paseo, KANSAS CITY, MO.
 HANGLEY, PETER, Specialty, Early White Seed Corn, CAMERON, MO.
 HANNA, J. W., "Roseburn" Aberdeen-Angus Cattle, TARKIO, MO.
 HARRIMAN, COL. R. L., Live Stock Auctioneer, BUNCETON, MO.
 HARRISON, JACK, Shorthorn Bulls, Cows and Heifers, AUXVASSE, MO.
 HEAD & GRAY, Estelbrook Farm Jerseys, PALMYRA, MO.
 HENLEY, TOM, Specialty, Boone County White Seed Corn, EUREKA, MO.
 HOLTSINGER, COL. F. M., Live Stock Auctioneer, MOBERLY, MO.
 HURST & HOUSMAN, Breeders of Large, Pure Berkshire Hogs, BOLCKOW, MO.
 LANGFORD, T. T., & SONS, Selected Spotted Poland-Chinas, JAMESPORT, MO.
 LAWRENCE, V. E., Breeder of Aberdeen-Angus Cattle, SALISBURY, MO.
 LEONARD, C. E., & SON, Ravenswood Shorthorns, BUNCETON, MO.
 LINHARDT, H. O., Big-Type Poland-Chinas, LOHMAN, MO.
 LITTELL, GARRETT, Scotch Shorthorn Cattle, CLARK, MO.
 LOHMAN STOCK FARM (H. O. Linhardt), Poland-Chinas, R. R. 1, LOHMAN, MO.
 LOMAX, DR. J. H., Breeder of Pure-Bred Jersey Cattle, Station B, ST. JOSEPH, MO.
 LONGVIEW FARM, Breeders of Saddle and Harness Horses, LEE'S SUMMIT, MO.
 McDERMOTT, J. W., Breeder of Shorthorn Cattle, KAHOKA, MO.
 McMULLEN, LEONARD, Big-Type Poland-Chinas, SIKESTON, MO.

MARLOW, E. E., & SON, Big-Type Poland-Chinas, WELLSVILLE, MO.
 MONSEES, L. M., & SONS, Breeders of Jacks and Jennets, SMITHTON, MO.
 MOORE, C. B., Duroc-Jersey Swine, VANDALIA, MO.
 MOORE, E. D., Breeder of Saddle Horses, COLUMBIA, MO.
 MORTON, DAVID, Breeder of Hampshire Swine, SAVANNAH, MO.
 MUELLER, L. H., Four Square Poultry Farm, WELLSVILLE, MO.
 NEEF, JOHN, Reid's Yellow Dent Seed Corn Specialist, BOONVILLE, MO.
 NEIWEG, ALFRED A., Breeder of White Indian Runner Ducks, R. C. Rhode Island Red Chickens and Bourbon Red Turkeys, R. 2, VICHY, MO.
 OUTDOOR ENTERPRISE CO., Belgian Hares and Others, HOLMES PARK, MO.
 PATTON, KENNETH C., Poland-China Swine, CLARKSVILLE, MO.
 PETTY, G. E., Poland-China Swine, VERSAILLES, MO.
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McARTHUR & STAUFF, Ashwood Farm
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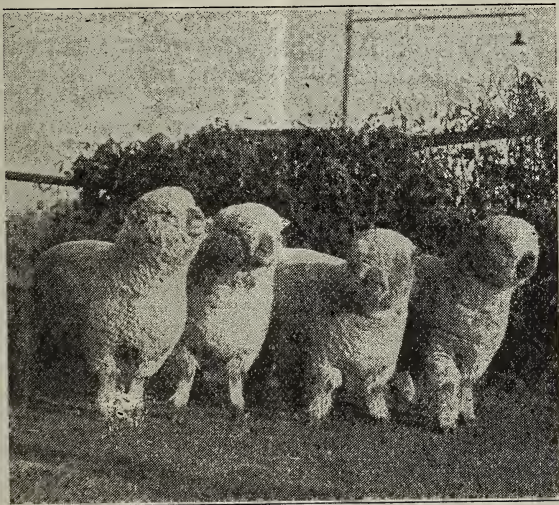
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- BLATCHFORD CALF MEAL COMPANY, Mfrs. of Stock Foods, WAUKEGAN, ILL.
- BOECK STOVE CO., Boeck's Blue Flame Oil Stove, JACKSON, MICH.
- BOHON—THE D. T. BOHON COMPANY, Buggies, HARRODSBURG, KY.
- BOND STEEL POST COMPANY, Mfrs. of Wire Fences, ADRIAN, MICH.
- BONNETT, J. L., Mfg. Chemist, Hog Worm Capsules, BLOOMINGTON, ILL.
- BOSTROM-BRADY MFG. CO., Mfrs. of Farm Levels, ATLANTA, GA.
- BOURBON REMEDY COMPANY, Bourbon Poultry Remedy, LEXINGTON, KY.
- BOURBON SILO CO., Triple Wall Silos, Prevent Frost, BOURBON, IND.
- BOWSHER, N. P., COMPANY, Mfrs. of Feed Mills, SOUTH BEND, IND.
- BRAZIL HOLLOW BRICK AND TILE CO., B.V.T. Silos, Air Tight, BRAZIL, IND.
- BRILLION IRON WORKS, Mfrs. of Brillion Clod Crushers, BRILLION, WIS.
- BRISCOE MOTOR CORPORATION, Motor Car Manufacturers, JACKSON, MICH.
- BROWN FENCE AND WIRE CO., Mfrs. of Gates, Fencing and Barb Wire, Dept. 45, CLEVELAND, O.
- BROWN MFG. CO., Beam Riding Cultivator, ZANESVILLE, OHIO.
- BROWN, THOS. M., Mfr. of Canning Factories, SPRINGFIELD, MO.
- BUCKEYE COTTON OIL CO., Mfrs. of Mixed Stock Feeds, ATLANTA, GA.
- BULL TRACTOR COMPANY, The Big Bull Tractor, MINNEAPOLIS, MINN.
- BULLOCK TRACTOR COMPANY, 1801 Diversey Parkway, CHICAGO, ILL.
- BURCH—F. S. BURCH & CO., Ear Tags For Stock, 272 W. Huron St., CHICAGO, ILL.
- BUSBY—C. W. BUSBY & CO., Big Chief Corn Tester, WASHINGTON, IOWA.
- BUSH MOTOR COMPANY, J. H. Bush, Pres., Bush Temple, CHICAGO, ILL.
- BUTLER MFG. COMPANY, Mfrs. of Rust Proof Culverts, MINNEAPOLIS, MINN.
- CABLE—HOBART M. CABLE COMPANY, Pianos and Players, LA PORTE, IND.
- CALUMET BAKING POWDER COMPANY, 4100 Fillmore, CHICAGO, ILL.
- CAPEWELL HORSE NAIL COMPANY, Horseshoe Nails, HARTFORD, CONN.
- CAREY SALT COMPANY, Carey-ized Stock Tonic Bricks, HUTCHINSON, KAS.
- CARL, E. G., Mfr. of Special Barn Paint, SHREVE, OHIO.
- CAROLINA METAL PRODUCTS COMPANY, "Favorite" Home Cannerys, WILMINGTON, N. C.
- CARTER WHITE LEAD COMPANY, Paints, Peoria and 121 Sts., CHICAGO, ILL.
- CASE—J. I. CASE THRESHING MACHINE COMPANY, INC., Power Farming Machinery, RACINE, WIS.
- CEMENT PRODUCTS COMPANY, Cement Stave Silos, WORTHINGTON, IND.
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- CHALMERS MOTOR COMPANY, Mfrs. of the Chalmers Auto Car, DETROIT, MICH.
- CHAMPION POTATO MACHINERY COMPANY, Seed Cutters, Planters, Sprayers, Diggers, HAMMOND, IND.
- CHAMPION SPARK PLUG COMPANY, Spark Plugs For Autos, TOLEDO, O.
- CHANDLER MOTOR CAR COMPANY, East 131st St., CLEVELAND, O.
- CHAPIN & CO., "Unicorn Dairy Ration," HAMMOND, IND.
- CHARLES WILLIAM STORES, Mail Order Mdse., 115 East 23d St., NEW YORK, N. Y.
- CHESEBOROUGH MFG. COMPANY, "Vaseline," 17 State St., NEW YORK, N. Y.
- CHICAGO FERROTYPE CO., Cameras, 1455 West Congress St., CHICAGO, ILL.
- CHICAGO FLEXIBLE SHAFT CO., Mfrs. of Horse and Sheep Clipping Machines, 12th and Central Aves., CHICAGO, ILL.
- CHICAGO STEEL POST COMPANY, 208 South LaSalle St., CHICAGO, ILL.
- CHILEAN IODINE PRODUCERS, Farm and Household Therapy (Curing) With Iodine, 25 Madison Ave., NEW YORK, N. Y.
- CLARK—GEO. A. CLARK & SON, Pumps and Windmills, MINNEAPOLIS, MINN.
- CLARKE, WOODWARD DRUG COMPANY, Squirrel and Gopher Poison, PORTLAND, ORE.
- CLEVELAND TRACTOR COMPANY, "Deep Plowing and Cultivation," CLEVELAND, OHIO.
- COAST CULVERT AND FLUME CO., Iron Pipe Culverts, PORTLAND, ORE.
- COE-MORTIMER COMPANY, Mfrs. of High-Grade Fertilizers, 51 Chambers St., NEW YORK, N. Y.
- COLFAX IRON WORKS, Mfrs. of Feed Mills, COLFAX, WASH.
- Colfax Mfg. Co., Pony Carts, South Bend, Ind.
- COLLINS PLOW COMPANY, Mfrs. of "ELI" Baling Presses, QUINCY, ILL.
- COLORADO TIRE AND LEATHER COMPANY, 1736 Acoma St., DENVER, COLO.
- COLT—J. B. COLT COMPANY, Carbide Farm Lighting and Cooking Plant, 42d St. Bldg., NEW YORK, N. Y.
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- COMFORT CHEMICAL CLOSET CO., 1521 Factories Bldg., TOLEDO, O.
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- COOK—C. R. COOK PAINT CO., Paints to Dealers For Farmers, 2107 Broadway, KANSAS CITY, MO.
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- CORNU MILLS, Stock Foods, Baugh and Southern Belt, EAST ST. LOUIS, ILL.
- CORONA MFG. CO., Mfrs. of Corona Wool Fat, a Healing Compound For Stock, Box 24, KENTON, O.
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- CROFTS & REED, General Mdse., 421 Northwestern Ave., CHICAGO, ILL.
- CULBERT, W. F., Ground Limestone, MARION, VA.
- CURRIE WINDMILL COMPANY, Feed Grinders and Windmills, TOPEKA, KAS.
- Curtis Service Bureau, Woodwork, Clinton, Iowa.
- CURTIS TRACTOR AND TRUCK CO., 2634 Michigan Ave., CHICAGO, ILL.
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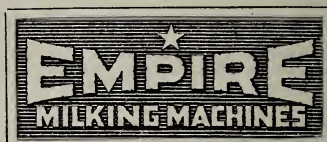
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McGOLDRICK LUMBER COMPANY, The Interstate Silo, SPOKANE, WASH.

McKALLOR DRUG COMPANY, Veterinary Remedies, BINGHAMTON, N. Y.

MAJESTIC MFG. COMPANY, Mfrs. of Ranges, 2014 Morgan St., ST. LOUIS, MO.

MANHATTAN ELECTRICAL SUPPLY CO., 114 South 5th Ave., CHICAGO, ILL.

MANTLE LAMP CO., Lamps For Farms, 489 Aladdin Bldg., CHICAGO, ILL.

MARLIN FIRE ARMS COMPANY, "The Marlin Rifle," NEW HAVEN, CONN.

MASON FENCE COMPANY, Woven Wire Fencing, LEESBURG, O.

MASSEY-HARRIS HARVESTER CO., INC., Mfrs. Farm Machinery, BATAVIA, N.Y.

MASTERS PLANTER CO., Hand Plant Setter, 229 North State st., CHICAGO, ILL.

MAST, FOOS & CO., Buckeye Ratchet Head Pumps, SPRINGFIELD, OHIO.

MAULDIN, J. L., Pure, Unadulterated Cane Syrup, CAIRO, GA.

MAXWELL MOTOR SALES CORPORATION, "The Maxwell Car," DETROIT, MICH.

MAYER—F. MAYER BOOT AND SHOE COMPANY, MILWAUKEE, WIS.

MAY, L. L., & CO., Nursery and Seeds, 78 East Fifth St., ST. PAUL, MINN.

MEAD CYCLE COMPANY, Ranger Bicycle, Dept. F-278, CHICAGO, ILL.

MENDELSON CORPORATION, The Mfrs. of Giant, Highest Test Lye, 11 Broadway, NEW YORK, N. Y.

MERRELL COMPANY, THE, Farm Light and Power, TOLEDO, OHIO.

MERRELL (WM. S.) CHEMICAL CO., Mfrs. of CholeRem (Hog Cholera Remedy), CINCINNATI, OHIO.

MEYER CORPORATION, THE, Mfrs. of Grain Elevators, MORTON, ILL.

MILLER, G. L., & CO., Farm Mortgages, 1017 Hurt Bldg., ATLANTA, GA.

MILKOLINE MFG. COMPANY, Mfrs. of Milk Foods, KANSAS CITY, MO.

MILNE MFG. COMPANY, Mfrs. of Grubbing Machines, MONMOUTH, ILL.

MILWAUKEE CORRUGATING COMPANY, Barn Ventilation, MILWAUKEE, WIS.

MINERAL HEAVE COMPANY, Veterinary Remedies, 441 Fourth St., PITTSBURGH, PA.

Mishawaka Woolen Mills, Mishawaka, Ind.

MITCHELL-LEWIS MOTOR CAR COMPANY, RACINE, WIS.

MOLINE PLOW COMPANY, Mfrs. of the Universal Farm Tractor, MOLINE, ILL.

MOLINE WAGON COMPANY, Mfrs. of Farm Wagons, MOLINE, ILL.

MONEYWORTH WHOLESALE GROCERIES, 14th and Ashland, CHICAGO, ILL.

MONITOR STOVE AND RANGE COMPANY, Pipeless Caloric Furnace, Gest st., CINCINNATI, OHIO.

MONMOUTH PLOW COMPANY, Agricultural Implements, MONMOUTH, ILL.

MONTGOMERY WARD & CO., Mail Order Merchandise, CHICAGO, ILL.

MONTROSS METAL ROOFING COMPANY, 107 Erie st., CAMDEN, N. J.

MONUMENTAL BRONZE CO., Howard Ave. and Sherry, BRIDGEPORT, CONN.

MOORMAN MFG. COMPANY, Mineral Swine Remedy, QUINCY, ILL.

MORRILL & WORLEY MFG. CO., Eclipse Spray Pump, BENTON HARBOR, MICH.

MUELLER (L. J.) FURNACE CO., Pipeless Furnace, Reed St., MILWAUKEE, WIS.

QUINN WIRE AND IRON WORKS, Wire
Fencing, BOONE, IA.

- RACINE RUBBER COMPANY, Mfrs. of Automobile Tires, RACINE, WIS.
- RAHE'S AUTO TRAINING SCHOOL, 2727 Oak St., KANSAS CITY, MO.
- RAYO INCUBATOR COMPANY, U. D. Station 5565, OMAHA, NEB.
- REED MFG. COMPANY, Weaving Rug Machines, Box 90, SPRINGFIELD, O. Reliable Incubator & Brooder Co., Quincy, Ill.
- RELANCE ENGINEERING CO., Mfrs. of Farm Engines, LANSING, MICH.
- RENFREW MACHINERY CO., Mfrs. of Renfrew Cream Separator, MILWAUKEE, WIS. Reo Motor Car Co., Lansing, Mich.
- REPUBLIC FENCE AND GATE CO., Gates and Fencing Mfrs., NORTH CHICAGO, ILL.
- REPUBLIC MOTOR TRUCK COMPANY, INC., ALMA, MICH.
- RICE, A. L., Mfr. of Paint Without Oil, ADAMS, N. Y.
- RICHMOND BAG COMPANY, Money in Old Bags, RICHMOND, VA.
- RILEY HAU-K-VOGELSANG SUPPLY CO., Dairy Sup., 3d and Vine Sts., ST. LOUIS, MO.
- RIPPLEY HARDWARE COMPANY, Feed Cookers, Etc., GRAFTON, ILL.
- R. K. TIRE COMPANY, 837 North Broad St., PHILADELPHIA, PA.
- ROBERTS—DR. DAVID ROBERTS VETERINARY COMPANY, WAUKESHA, WIS.
- ROCKFORD WELL DRILL CO., Machinery For Well Boring, ROCKFORD, ILL.
- ROCK ISLAND PLOW COMPANY, Agricultural Implements, ROCK ISLAND, ILL.
- ROSENBLATT, S., Leaf Tobacco For Sale, HAWESVILLE, KY.
- ROSS—E. W. ROSS COMPANY, Mfrs. of Wood Stave Silos, SPRINGFIELD, O.
- ROUSE, J. W., Bee Supplies, Bees, Queens, Honey, MEXICO, MO.
- ROWE MANUFACTURING COMPANY, Mfrs. of "Can't Sag" Gates and New Idea Hog Oilers, GALESBURG, ILL.
- ROYSTER (F. S.) GUANO CO., Mfrs. of Special Fertilizers, TOLEDO, OHIO.
- ROWE SANITARY MFG. CO., Mfrs. of Indoor Closets, 210 6th Ave., DETROIT, MICH.
- RUSLER COMPANY, Sprayers and Auto Washers, JOHNSTOWN, O.
- RUSSIA CEMENT CO., Mfrs. of LePage's China Cement, GLOUCESTER, MASS.
- SALEM MFG. COMPANY, Mfrs. of Land Plaster Sower, SALEM, OREGON.
- SANDUSKY CEMENT COMPANY, Build With Cement, Building Booklets Free, CLEVELAND, OHIO.
- SAXON MOTOR CAR COMPANY, Mfrs. of the Saxon Automobile, DETROIT, MICH.
- SCHOEN & GORDON, Mfrs. of Peanut Sheller, Healey Bldg., ATLANTA, GA.
- SEARS, ROEBUCK & CO., Merchandise By Mail Order, CHICAGO, ILL.
- SECURITY LIGHTNING ROD CO., Lightning Protection, BURLINGTON, WIS.
- SERVICE AUTO EQUIPMENT COMPANY, Tires, Traders' Bldg., KANSAS CITY, MO.
- SHARPLES SEPARATOR CO., Suction Feed Separators and Milking Machines, WEST CHESTER, PA.
- SHAW MFG. COMPANY, The Shaw Motorcycle, GALESBURG, KAS.
- SHAW WIRE FENCE CO., Mfrs. of the Shaw Fence, COLUMBUS, OHIO.
- SHELDON MFG. COMPANY, Mfrs. of Concrete Mixer, NEW HAWKA, NEB. Sherwin-Williams Co., Paints, Cleveland, Ohio.
- SHORES-MUELLER CO., Household and Farm Necessities, CEDAR RAPIDS, IA.
- SILCO SPECIALTY MFG. COMPANY, Mfrs. of Silos and Equipments, CLINTON, IA.
- SILVER—THE SILVER MFG. COMPANY, Silo Fillers and Feed Cutters, SALEM, OHIO.
- SIMPLEX FARM DITCHER COMPANY, Road Graders, Levels, Etc., OWENSBORO, KY.
- SIMPLEX MFG. COMPANY, Starters For Ford Cars, ANDERSON, IND.
- SIMPLEX SPREADER CO., Straw Spreader, Traders Bldg., KANSAS CITY, MO.
- SIMPLEX SUPPLY HOUSE, Poultry Supplies, 13 Pontiac Bldg., CHICAGO, ILL.
- SKAT COMPANY, THE, Mfrs. of Soaps, 791 Park St., HARTFORD, CONN.
- SLENKER, O. L., Buyer of Raw Furs, EAST LIBERTY, OHIO.
- SMITH MOTOR TRUCK CORPORATION, Michigan Blvd. and 16th St., CHICAGO, ILL.
- SMITH—W. SMITH GRUBBER COMPANY, Stump Pullers, LA CRESCENT, MINN.
- SMYTH, JOHN M., & CO., Mail Order Mds., 701 Washington Blvd., CHICAGO, ILL.
- SNODDY—DR. D. C. SNODDY CO., Swine Remedy, ST. LOUIS, MO.
- SOIL IMPROVEMENT COMMITTEE, Fertilizer Information, Dept. 11, Postal Telegraph Bldg., CHICAGO, ILL.
- SOLVAY PROCESS CO., Pulverized Limestone, Delray, DETROIT, MICH.
- SOMERS, HAROLD, Mfr. of the Daisy Fly Killer, 150 DeKalb Ave., BROOKLYN, N. Y.
- SONNEBORN—HENRY SONNEBORN & CO., INC., Styleplus Clothes For Farmers, Send For Styleplus Book, BALTIMORE, MD. South Bend Chilled Plow Co., South Bend, Ind.
- SOUTHERN PINE ASSOCIATION, representing Yellow Pine Construction, Interstate Bank Bldg., NEW ORLEANS, LA.
- SOUTHERN FLOW COMPANY, Agricultural Implements, 618 Elm St., DALLAS, TEXAS.
- SPARTAN MFG. CO., Agricultural Implements, PONTIAC, ILL.
- SPERRY—D. R. SPERRY & CO., Steam Cookers, BATAVIA, ILL.
- SPOTLESS—THE SPOTLESS CO., South's Mail Order House, RICHMOND, VA.
- STAHL (WM.) SPRAYER COMPANY, Outfits and Mixtures, QUINCY, ILL.
- STAMPING AND TOOL COMPANY, Mfrs. of Corn Planter Gauge, LA CROSSE, WIS.
- STANDARD CHEMICAL COMPANY, "Carco" Vegetable Spray, TACOMA, WASH.
- STANDARD OIL CO. (INDIANA), Polarine Motor Oil and Standard Gas Engine and Tractor Oil, 72 W. Adams St., CHICAGO, ILL.
- STANDARD SANITARY MFG. CO., Standard Plumbing Fixtures, PITTSBURGH, PA.
- STANDARD SUPPLY HOUSE, Wire Fence, Roofing, Etc., NOBLESVILLE, IND.
- STAR PEA HULLER CO., Pea Huller Perfection, CHATTANOOGA, TENN. Staude Mfg. Co., Tractor Parts, St. Paul, Minn.
- STEINMESCH FEED AND POULTRY SUPPLY CO., 10 N. 4th St., ST. LOUIS, MO.
- STEWART - WARNER SPEEDOMETER CORPORATION, 1280 Diversey Parkway, CHICAGO, ILL.
- STORY & CLARK PIANO COMPANY, 317 South Wabash Ave., CHICAGO, ILL.
- STOVER MANUFACTURING CO., Windmills and Implements, FREEPORT, ILL.
- STRICKER, L. R., Cow Peas and Soy Beans, ASHEVILLE, N. C.
- STURGIS & BURN MFG. CO., Dairy Supplies, Harrison and Green, CHICAGO, ILL.
- SUNSHINE SAFETY LAMP COMPANY, 1005 McGee, KANSAS CITY, MO.
- SUPERIOR FEEDER COMPANY, Hog Self Feeders, LA FAYETTE, IND.
- SURE HATCH INCUBATOR COMPANY, Incubators and Brooders, FREMONT, NEB.
- SWARTZ ELECTRIC CO., Home Lighting Plants, Speedway, INDIANAPOLIS, IND.
- SWAYNE, ROBINSON & CO., "Money Maker" Silage Cutter, RICHMOND, IND.
- SWEDISH SEPARATOR COMPANY, Mfrs. of the Viking Cream Separator, 515 South Fifth Ave., CHICAGO, ILL.
- SWEENEY AUTO SCHOOL, 1108 East 15th St., KANSAS CITY, MO.
- SWEET FEED MANUFACTURERS' ASSOCIATION, MEMPHIS, TENN.
- SWIFT & CO., Fertilizer Dept., Union Stock Yards, CHICAGO, ILL. Taber Lumber Co., Silos, Etc., Keokuk, Iowa.
- TEXAS COTTON SEED CRUSHERS' ASSOCIATION, 909 Main St., DALLAS, TEX.

THOMAS MFG. COMPANY, Agents' Sup-
plies, DAYTON, O.
TIDE WATER OIL CO., Veedol Dept.,
Bowling Green Bldg., NEW YORK, N. Y.
TIMKIN ROLLER BEARING COMPANY,
Mfrs. of Axle Bearings, CANTON, O.
TOLEDO COOKER COMPANY, The Con-
servo Cooker, TOLEDO, OHIO.
TOWER—A. J. TOWER CO., Mfrs. of Fish
Brand Suckers, BOSTON, MASS.
TOWER—J. D. TOWER & SONS COM-
PANY, Mfrs. of Cultivators, MENDOTA, ILL.
TRACY FEEDER CO., Mfrs. of the Traco
Automatic Hog Feeder, WATERLOO, IA.
TROY CHEMICAL COMPANY, Veterinary
Remedies, BINGHAMTON, N. Y.
TURNER MFG. COMPANY, Simplicity
Tractors, PORT WASHINGTON, WIS.
TUTTLE TRACTOR COMPANY, Mfrs. of
Hay Balers, LEAVENWORTH, KAS.
TWEED SYSTEM COMPANY, INC., Pub-
lishers of Loose Leaf Farm Records, 99 Ship
St., PORTLAND, ORE.
ULRICH MFG. CO., Cultivators and Weed-
ers, 23 River St., ROCK FALLS, ILL.
UNADILLA SILO COMPANY, Mfrs. of
Silos and Ladders, UNADILLA, N. Y.
UNION CARBIDE SALES COMPANY, 42d
St. Bldg., NEW YORK, N. Y.
UNION LUMBER COMPANY, Tung-Lok
Elevators, UNION MILLS, WASH.
UNION METALLIC CARTRIDGE COM-
PANY, Woolworth Bldg., NEW YORK, N. Y.
UNITED STATES RUBBER CO., Mfrs. of
Endless Stitched Belting For Farm Work,
58th St. and Broadway, NEW YORK, N. Y.
U. S. SAFETY GAS MACHINE CO., Main
and Southern R. R., BELLEVILLE, ILL.
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and Manchester, KANSAS CITY, MO.
U. S. WIND ENGINE AND PUMP COM-
PANY, BATAVIA, ILL.
UNIVERSAL MARKING DEVICE COM-
PANY For Sheep, CASPER, WYO.
UNIVERSAL SHOE COMPANY, Style Shoes
For Farmers and Wives, 15 Park Row,
NEW YORK, N. Y.
UTICA DROP FORGE AND TOOL CO.,
Farm Tools, 2800 Witesboro, UTICA, N. Y.
VACUUM OIL COMPANY, Lubricating
Oils, ROCHESTER, N. Y.
VEGA SALES COMPANY, Milwaukee
Cream Separator, FOSTORIA, O.
VELIE MOTOR VEHICLE COMPANY,
Mfrs. of the "Velie Car," MOLINE, ILL.
VERMONT FARM MACHINE COMPANY,
U. S. Cream Separators and Lighting Plants,
BELLOW FALLS, VERMONT.
VERTREES, W. J., Fencing and Tanks,
BUSHNELL, ILL.
VICTOR PEA HULLER COMPANY, Hulls
Peas and Beans, Station A, ATLANTA, GA.
VIRGINIA CAN COMPANY, Cans For
Home Canning, BUCHANAN, VA.
VIRGINIA-CAROLINA CHEMICAL COM-
PANY, Farm Fertilizers, RICHMOND, VA.
WADE—R. M. WADE & CO., "Gasoline
Wood Saw," PORTLAND, ORE.
WALSH HARNESS COMPANY, Harness
Direct From Factory, MILWAUKEE, WIS.
WARD FENCE MFG. COMPANY, Wire
and Ornamental, DECATUR, IND.
WARD TRACTOR COMPANY, Mfrs. of
Transmission of Power to Work Ford Cars,
LINCOLN, NEB.
WARSAW-WILKINSON CO., Climax En-
silage Cutter, WARSAW, N. Y.
WASHINGTON MACHINE AND SUPPLY
COMPANY, Mfrs. of Elevating Machinery
for Elevating Bulk Grain, SPOKANE, WASH.
WASSON MFG. COMPANY, Mfrs. of Hog
Oiler, PEORIA, ILL.
WATERLOO GASOLINE ENGINE COM-
PANY, Mfrs. of Waterloo Boy Tractor,
WATERLOO, IA.
WATKINS MFG. COMPANY, Grain Cleaner
and Grader, WICHITA, KAS.
WAVERLY SUPPLY COMPANY, Mail Order
Premium Goods, MONONGAHELA, PA.

WEBER IMPT. AND AUTO CO., Farm
Implements and Autos, 1900 Locust St.,
ST. LOUIS, MO.
WEED CHAIN TIRE GRIP COMPANY,
"Auto Chains," BRIDGEPORT, CONN.
WELLS ESTATE, E. S., Rough on Rats,
706 Grand St., JERSEY CITY, N. J.
WERTHAN BAG COMPANY, Buys and
Sells Bags, 70 Dock St., ST. LOUIS, MO.
WEST JERSEY MARL AND TRANS.
COMPANY, Agricultural Fertilizer, 17
Cooper St., WOODBURY, N. J.
WESTERN ELECTRIC COMPANY, 195
Broadway, NEW YORK, N. Y.
WESTERN LAND ROLLER CO., Mfrs. of
Western Pulverizer, HASTINGS, NEB.
WHEELER & WILSON MFG. COMPANY,
Sewing Machines, BRIDGEPORT, CONN.
WIDHELM REMEDY AND MFG. CO.,
Stock Remedies and Feeders' Supplies,
FREMONT, NEB.
WILCOX & HARVEY MFG. COMPANY,
Mfrs. of the "Stay There" Ear Marker For
Stock, 564 W. Randolph St., CHICAGO, ILL.
WILKENS & BIEHL, Lime For Agri-
culture, GALVESTON, TEXAS.
WILLIAMSON MFG. CO., Mfrs. of Light-
ning Healing Powder, SHEFFIELD, ILL.
WILLIAMS—THE J. B. WILLIAMS COM-
PANY, Soaps, GLASTONBURY, CONN.
WILLYS-OVERLAND COMPANY, "The
Overland Car," TOLEDO, O.
WINCHESTER REPEATING ARMS COM-
PANY, NEW HAVEN, CONN.
WITTE ENGINE WORKS, Kerosene, Gas-
olene, Distillate or Gas Engines, 1724 Oak-
land Ave., KANSAS CITY, MO.
WITTIG F. & CO., Mfrs. of Charcoal For
Hogs, 3000 Lisbon Ave., MILWAUKEE, WIS.
WORTHINGTON PUMP AND MACHIN-
ERY CORP., Type W Engines, CUDAHY, WIS.
WYATT MANUFACTURING CO., Stackers
and Rakes, SALINA, KAS.
YOUNG (L. A.) INDUSTRIES COMPANY,
Belt Power, DETROIT, MICH.
YUBA MANUFACTURING COMPANY,
Tractor Mfrs., SAN FRANCISCO, CALIF.
X-RAY INCUBATOR COMPANY, Incu-
bators and Brooders, DES MOINES, IA.
Zimmerman Steel Co., Stp. Fullers, Bettendorf, Ia.

ACREAGE OF TOMATOES.

The following table shows in a general way the number of factories canning toma-
toes in each state, also the number of acres
contracted for in 1917 and 1918:

State.	Factories Reporting.	
	Num- ber.	Acres, 1917. Acres, 1918.
ARKANSAS.....	12	1,830 2,157
CALIFORNIA.....	88	20,977 28,906
COLORADO.....	13	1,672 1,926
DELAWARE.....	59	11,905 9,182
ILLINOIS.....	20	2,543 3,173
INDIANA.....	146	41,530 44,358
IOWA.....	14	2,550 2,267
KENTUCKY.....	19	3,832 7,629
MARYLAND.....	293	49,657 35,185
MICHIGAN.....	25	3,336 3,510
MISSOURI.....	81	11,880 12,018
NEW JERSEY.....	51	17,555 17,422
NEW MEXICO.....	4	1,016 950
NEW YORK.....	57	8,867 8,162
OHIO.....	42	6,752 7,380
OREGON.....	5	157 199
PENNSYLVANIA.....	17	1,515 1,605
TENNESSEE.....	18	3,361 3,414
UTAH.....	25	3,150 4,639
VIRGINIA.....	377	18,142 17,737
WEST VIRGINIA.....	11	851 746
WISCONSIN.....	4	242 255
ALL OTHER.....	18	654 1,070
United States.....	1,399	207,674 213,890

"Victory means more to those who earn
their bread in the sweat of their brow than
any other class."—Lloyd George.

Clean up the home pantry before calling
on the national pantry.

LIVE STOCK DIRECTORY.

This is practically the beginning of the Live Stock Breeders' Directory of the United States, including active auctioneers, some of whom are also breeders. Most of the breeders whose names appear are paid subscribers to Agricultural Statistics. The few others put in as sample entries are solicited.

The expense of two lines appearing in all editions a full year, including a year's subscription to Agricultural Statistics, is one dollar. If three lines are necessary, the price is \$1.50, and fifty cents additional is added for each extra line. One-inch single-column display advertising card is \$6.00 a year.

ALABAMA.

ASHBURN, W. A., Breeder of Pure-Bred Poland-China Swine, ARAB, ALA.
 AVANT, RALPH, Breeder of Pure-Bred Poland-China Swine, LUVERNE, ALA.
 BALENTINE, J. R., Breeder of Pure-Bred Shorthorn Cattle, CLOVERDALE, ALA.
 BARR, G. A., Breeder of Pure-Bred Poland-China Swine, HUNTSVILLE, ALA.
 CHILES, W. C., Breeder of Pure-Bred Berkshire Swine, EUTAW, ALA.
 CLAYTON, W. S., Breeder of Pure-Bred Poland-China Swine, COLLINSVILLE, ALA.
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 CRABB, MORTON C., Breeder of Pure-Bred Shorthorn Cattle, GALLION, ALA.
 DAVIDSON, JAS. P., Breeder of Pure-Bred Shorthorn Cattle, UNIONTOWN, ALA.
 DUNN, JESSE, Breeder of Pure-Bred Poland-China Swine, CORONA, ALA.
 ECHO VALLEY FARM, Choice Duroc-Jersey Swine, SAFFORD, ALA.
 FAIRMONT FARM, T. C. Hudmon, Owner, Berkshire Swine, OPELIKA, ALA.
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 FENNEL, JOHN F., Breeder of Pure-Bred Shorthorn Cattle, LEIGHTON, ALA.
 FORD, CHAS., Fordland Stock Farm, Tamworth Swine, R. R. 2, GALLION, ALA.
 FRANKSDALE STOCK FARMS, Breeders of Pure-Bred Holsteins, TALLADEGA, ALA.
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 JOHNSON, NED, Breeder of Duroc-Jersey Swine, PRATTVILLE, ALA.
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 MADDOX, W. N., Pure-Bred Holstein Cattle, EASONVILLE, ALA.
 MARBURY STOCK FARMS, Jersey and Shorthorn Cattle and Duroc Swine, MARBURY, ALA.

MOORE, A. B., Breeder of Pure-Bred Shorthorns, MARION JUNCTION, ALA.

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SANSOM, JAMES C., Breeder of Pure-Bred Shorthorn Cattle, SELLERS, ALA.
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 WADSWORTH, W. A., Breeder of Duroc-Jersey Swine, PRATTVILLE, ALA.
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ARIZONA.

BARTLETT-HEARD LAND AND CATTLE CO., Poland-China Swine, PHOENIX, ARIZ.
 EVANS, H. DAVID, Breeder of Pure-Bred Poland-China Swine, MESA, ARIZ.
 GIST, AUBREY, Breeder of Angora Goats, SKULL VALLEY, ARIZ.
 GRAND CANYON SHEEP COMPANY, Rambouillet Sheep, FLAGSTAFF, ARIZ.
 HARRI, L. G., Breeder of Pure-Bred Poland-China Swine, PHOENIX, ARIZ.
 HAZLETON, C. E., Breeder of Pure-Bred Poland-China Swine, PHOENIX, ARIZ.
 JOHNSON, JAMES A., Breeder of Pure-Bred Shorthorn Cattle, PHOENIX, ARIZ.
 MORGAN, FRANK P., Breeder of Pure-Bred Poland-Chinas, SOMERTON, ARIZ.
 Walker Goat Co., Angoras, Kingman, Ariz.
 WEATHERSBY, J. P., Angora Goats, KLONDYKE, ARIZ.
 Webster, O. F., Angoras, Thatcher, Ariz.

ARKANSAS.

AUTEN, H. F., Pure-Bred Holstein Heifers, LITTLE ROCK, ARK.
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 BLEAKLEY, F. L., Breeder of Pure-Bred Shorthorn Cattle, AUVERGNE, ARK.
 BROWN, HENRY, Breeder of Pure-Bred Poland-China Swine, ARDEN, ARK.
 CASEY, BERRY, Breeder of Pure-Bred Shorthorn Cattle, BOXLEY, ARK.
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 CROW, R. C., Breeder of Pure-Bred Poland-China Swine, GARNETT, ARK.
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 GREINER, F. J., Breeder of Immune Chester White Swine, MENA, ARK.
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 HANSMANN, WM., Breeder of Pure-Bred Poland-China Swine, BRINKLEY, ARK.
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 MOREHOUSE, A. R., Breeder of Pure-Bred Shorthorns, EUREKA SPRINGS, ARK.
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 COLE, HOMER C., Breeder of Pure-Bred Poland-China Swine, ALFALFA, COLO.
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THE BUCKWHEAT CROP OF 1917.

State.	Planted Acres.	Yield Per Acre.	Produc- tion, Bushels.
CONN.....	3,000	17.3	52,000
DEL.....	3,000	20.0	60,000
ILL.....	4,000	19.0	76,000
IND.....	10,000	15.0	150,000
IOWA.....	11,000	12.0	132,000
ME.....	15,000	21.5	322,000
MD.....	11,000	20.0	220,000
MASS.....	2,000	15.0	30,000
MICH.....	75,000	9.0	675,000
MINN.....	11,000	14.0	154,000
MO.....	6,000	15.0	90,000
NEB.....	2,000	16.0	32,000
N. H.....	2,000	19.0	38,000
N. J.....	16,000	18.0	288,000
N. Y.....	330,000	18.0	5,940,000
N. C.....	12,000	20.0	240,000
OHIO.....	25,000	18.0	450,000
PENN.....	350,000	18.0	6,300,000
TENN.....	4,000	17.0	68,000
VT.....	13,000	22.0	286,000
VA.....	33,000	21.1	696,000
W. VA.....	45,000	20.0	900,000
WIS.....	23,000	12.2	281,000
U. S.....	1,006,000	17.4	17,460,000

BUCKWHEAT CROP OF 1918.

State.	Planted, Acres.	Per Cent, 1917.	Pro- duction, Bushels.
CONN.....	3,000	108	59,000
DEL.....	3,000	105	57,000
ILL.....	4,000	101	79,000
IND.....	14,000	135	235,000
IOWA.....	16,000	150	250,000
MAINE.....	16,000	110	454,000
MD.....	11,000	102	201,000
MASS.....	2,000	105	34,000
MICH.....	77,000	103	1,063,000
MINN.....	10,000	100	201,000
MISS.....	6,000	95	68,000
NEB.....	2,000	100	40,000
N. H.....	2,000	110	52,000
N. J.....	17,000	105	293,000
N. Y.....	330,000	100	5,577,000
N. C.....	14,000	115	274,000
OHIO.....	26,000	105	490,000
PENN.....	368,000	105	7,392,000
TENN.....	4,000	112	70,000
VT.....	14,000	110	310,000
VA.....	33,000	101	743,000
W. VA.....	47,000	104	1,092,000
WIS.....	25,000	108	430,000
U. S.....	1,045,000	104	19,473,000

THE UNITED STATES.

Number of Farms, Average Size and Farm Population.

These figures are from the United States Census, the latest available that can be relied upon, since then the only change of importance has been the increase of about ten per cent. in population and probably in farms.

State.	No. of Farms in State.	Acres. Average.	Rural Population, 1910.
ALA...	262,901	78.9	1,767,662
ARIZ...	9,227	135.1	141,004
ARK...	214,678	81.1	1,371,768
CALIF.	88,791	316.7	907,810
COLO.	46,170	293.1	344,184
CONN.	26,815	81.5	114,917
DEL...	10,836	95.9	105,237
D. C.	217	27.9	1,000
FLA...	50,016	105.6	533,530
GA...	291,027	92.6	2,070,471
IDAHO.	30,807	171.5	255,696
ILL...	251,872	129.1	2,161,662
IND...	215,485	98.8	1,557,041
IOWA.	217,044	156.3	1,544,717
KAS...	177,841	244.0	1,107,159
KY...	259,185	85.6	1,734,463
LA...	120,516	86.6	1,159,872
MAINE.	60,016	104.9	360,928
MD...	48,923	103.4	637,154
MASS.	36,917	77.9	241,049
MICH.	206,960	91.5	1,483,129
MINN.	156,137	177.3	1,225,414
MISS...	274,382	67.6	1,589,803
MO...	277,244	124.8	1,894,518
MONT.	26,214	516.7	242,633
NEB...	129,678	297.8	881,362
NEV...	2,689	1,009.6	68,508
N. H.	27,053	120.1	175,473
N. J.	33,487	76.9	629,957
N. M.	35,676	315.9	280,730
N. Y.	215,597	102.2	1,928,120
N. C.	253,725	88.4	1,887,813
N. D.	74,360	382.3	513,820
OHIO.	272,045	88.6	2,101,978
OKLA.	190,192	151.7	1,337,000
OREGON	45,502	256.8	365,705
PENN.	219,295	84.8	3,034,444
R. I.	5,292	83.8	17,956
S. C.	176,434	76.6	1,290,568
S. D.	77,644	335.1	507,215
TENN.	246,012	81.5	1,743,744
TEXAS.	417,770	269.1	2,958,438
UTAH.	21,676	156.7	200,417
VT...	32,709	142.6	187,013
VA...	184,018	105.9	1,585,083
WASH.	56,192	208.4	536,460
W. VA.	96,685	103.7	992,877
WIS...	177,127	119.0	1,329,540
WYO...	10,987	71.7	102,744

Total..	6,361,502	49,348,883
Add..	636,150	4,934,888

Total.	6,997,652	54,283,771
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Development of Agriculture.

*The following tabulated statement is for the purpose of placing before us in a simple manner the United States government estimate of values on the farm of the crops and live stock produced in the United States from 1879 to 1917. It also estimates the proportionate value of the crops and the value of live stock:

Year.	Total Value.	Value Per Cent. Crops.	Value Per Cent. Stock.
1879...	2,212,541,000	63.1	36.9
1889...	2,460,107,000	63.5	36.5
1897...	3,960,822,000	63.6	36.4
1898...	4,338,946,000	63.6	36.4
1899...	4,717,070,000	63.6	36.4
1900...	5,009,595,000	63.7	36.3
1901...	5,302,120,000	63.8	36.2
1902...	5,594,645,000	64.0	36.0
1903...	5,887,170,000	64.1	35.0
1904...	6,121,778,000	65.0	35.0
1905...	6,273,997,000	64.0	36.0
1906...	6,754,210,000	63.0	37.0
1907...	7,487,989,000	63.6	36.4
1908...	7,890,626,000	64.6	35.4
1909...	8,498,311,000	64.6	35.4
1910...	9,037,391,000	60.7	39.3
1911...	8,819,175,000	63.1	36.9
1912...	9,342,700,000	62.5	37.5
1913...	9,849,513,000	62.3	37.7
1914...	9,894,961,000	61.8	38.2
1915...	10,775,490,000	64.1	35.9
1916...	13,406,364,011	67.5	32.5
1917...	19,443,849,381	70.0	30.0

We solicit subscriptions to AGRICULTURAL STATISTICS. It is a quarterly publication. The subscription price is 50 cents a year. The last number is always the best.

Farms in the United States.

According to the last census the following is a brief summary of the number and size of all the farms in the United States. The average size is 138.1 acres, of which an average of 75.2 acres are improved and 62.9 acres are unimproved:

Number.	Extent.
18,033.....	Under 3 acres.
317,010.....	3 to 9 acres.
504,123.....	10 to 19 acres.
1,414,376.....	20 to 49 acres.
1,438,069.....	50 to 99 acres.
1,516,286.....	100 to 174 acres.
534,191.....	175 to 259 acres.
443,984.....	260 to 499 acres.
125,295.....	500 to 999 acres.
50,135.....	1,000 acres and over.

6,361,502 Farms in U. S., 1910.

It was The National Farmer and Stock Grower, published monthly at St. Louis, Mo., that started the agitation against the high rate of interest on farm loans.

CROP SUMMARY OF U. S.

Statement of Acreage and Yield of
Principal Crops For Four Years
and a Five-Year Average.

This is simply a brief tabulation
which is comprehensive. It gives
the U. S. totals, and the state tables
on different pages will be found the
crops of the different states.

THE CORN CROP.

Year.	Extent, Acres.	Acre, Bushels.	Production, Bushels.
1910.	104,035,000	27.7	2,886,260,000
1911.	105,825,000	23.9	2,531,488,000
1912.	107,083,000	29.2	3,124,746,000
1913.	105,820,000	23.1	2,446,988,000
1914.	103,435,000	25.8	2,672,894,000
1915.	106,197,000	28.2	3,054,535,000
1916.	105,296,000	24.4	2,583,241,000
1917.	119,755,000	26.4	3,159,494,000
1918.	113,835,000	23.8	2,717,775,000

THE WINTER WHEAT CROP.

1914.	36,008,000	19.0	684,999,000
1915.	41,308,000	16.2	673,947,000
1916.	34,709,000	13.8	480,553,000
1917.	27,430,000	15.2	418,070,000
1918.	36,392,000	15.2	555,725,000

THE SPRING WHEAT CROP.

1914.	17,533,000	11.8	206,027,000
1915.	19,161,000	18.3	356,460,000
1916.	17,607,000	8.8	158,142,000
1917.	18,511,000	12.6	232,758,000
1918.	22,489,000	16.1	363,195,000

TOTAL WHEAT CROP.

1910.	45,681,000	13.9	635,121,000
1911.	49,543,000	12.5	621,338,000
1912.	45,814,000	15.9	730,267,000
1913.	50,184,000	15.2	763,380,000
1914.	53,541,000	16.6	891,017,000
1915.	60,469,000	16.9	1,025,801,000
1916.	52,316,000	12.1	636,318,000
1917.	45,941,000	14.2	650,828,000
1918.	58,881,000	15.6	918,920,000

THE OATS CROP.

1910.	37,548,000	31.6	1,186,341,000
1911.	37,763,000	24.2	922,298,000
1912.	37,917,000	37.4	1,418,337,000
1913.	38,399,000	29.2	1,121,768,000
1914.	38,442,000	29.7	1,141,060,000
1915.	40,996,000	37.8	1,549,030,000
1916.	41,527,000	30.1	1,251,837,000
1917.	43,572,000	36.4	1,587,286,000
1918.	44,475,000	34.5	1,535,297,000

THE BARLEY CROP.

1910.	7,743,000	22.5	173,832,000
1911.	7,627,000	21.0	160,240,000
1912.	7,530,000	29.7	223,824,000
1913.	7,499,000	23.8	178,189,000
1914.	7,565,000	25.8	194,953,000
1915.	7,148,000	32.0	228,851,000
1916.	7,757,000	23.6	182,309,000
1917.	8,835,000	23.7	208,975,000
1918.	9,108,000	25.9	236,505,000

THE RYE CROP.

1910.	2,185,000	16.0	34,897,000
1911.	2,127,000	15.6	33,119,000
1912.	2,117,000	16.8	35,664,000
1913.	2,557,000	16.2	41,381,000
1914.	2,541,000	16.8	42,779,000
1915.	3,129,000	17.2	54,050,000
1916.	3,213,000	15.3	48,802,000
1917.	4,102,000	14.7	60,145,000
1918.	5,435,000	14.1	76,687,000

THE BUCKWHEAT CROP.

1910.	860,000	20.5	17,598,000
1911.	833,000	21.4	17,549,000
1912.	841,000	22.9	19,249,000
1913.	805,000	17.2	13,833,000
1914.	792,000	21.3	16,881,000
1915.	769,000	19.6	15,769,000
1916.	828,000	14.0	11,840,000
1917.	1,006,000	17.4	17,460,000
1918.	1,045,000	18.6	19,473,000

THE FLAXSEED CROP.

1910.	2,467,000	5.2	12,718,000
1911.	2,757,000	7.0	19,370,000
1912.	2,851,000	9.8	28,073,000
1913.	2,291,000	7.8	17,853,000
1914.	1,645,000	8.4	13,749,000
1915.	1,387,000	10.1	13,845,000
1916.	1,474,000	9.6	15,459,000
1917.	1,809,000	4.7	8,473,000
1918.	1,967,000	7.9	15,606,000

THE RICE CROP.

1910.	733,000	33.9	24,510,000
1911.	696,000	32.9	22,934,000
1912.	723,000	34.7	25,054,000
1913.	827,000	31.1	24,744,000
1914.	694,000	34.1	23,649,000
1915.	803,000	36.1	28,947,000
1916.	869,000	47.8	41,982,000
1917.	964,100	37.6	36,278,000
1918.	1,120,000	37.4	41,918,000

THE WHITE POTATO CROP.

1910.	3,720,000	93.8	349,032,000
1911.	3,619,000	80.9	292,737,000
1912.	3,711,000	113.4	420,647,000
1913.	3,668,000	90.4	331,525,000
1914.	3,711,000	110.5	409,921,000
1915.	3,734,000	95.5	359,103,000
1916.	3,565,000	80.4	285,437,000
1917.	4,390,000	100.8	442,536,000
1918.	4,113,000	95.1	391,279,000

THE SWEET POTATO CROP.

1910.	641,000	93.5	59,938,000
1911.	605,000	90.1	54,538,000
1912.	583,000	95.2	55,479,000
1913.	625,000	94.5	59,057,000
1914.	603,000	93.8	56,574,000
1915.	731,000	103.3	74,395,000
1916.	774,000	91.7	70,955,000
1917.	953,000	91.4	87,141,000
1918.	959,000	89.1	85,473,000

TAME HAY CROP—TONS.

1910.	51,015,000	1.36	69,370,000
1911.	48,240,000	1.14	54,916,000
1912.	49,530,000	1.47	72,691,000
1913.	48,954,000	1.31	64,116,000
1914.	49,145,000	1.43	70,071,000
1915.	51,108,000	1.68	85,325,000

1916.	55,721,000	1.64	89,991,000
1917.	53,516,000	1.49	79,528,000
1918.	53,386,000	1.34	71,555,000

WILD HAY CROP—TONS.

1915.	16,796,000	1.27	21,343,000
1916.	16,635,000	1.19	19,795,000
1917.	16,472,000	.94	15,402,000
1918.	15,863,000	.92	14,699,000

ALL KINDS OF HAY—TONS.

1914.	65,897,000		88,686,000
1915.	67,904,000		107,263,000
1916.	72,356,000		110,992,000
1917.	69,988,000		94,930,000
1918.	69,249,000		86,254,000

THE TOBACCO CROP—POUNDS.

1910.	1,336,000	807	1,103,415,000
1911.	1,013,000	893	905,109,000
1912.	1,226,000	785	962,885,000
1913.	1,216,000	784	953,734,000
1914.	1,224,000	845	1,034,679,000
1915.	1,370,000	775	1,060,587,000
1916.	1,413,800	815	1,150,622,000
1917.	1,447,000	827	1,196,451,000
1918.	1,452,900	870	1,265,362,000

THE COTTON CROP—BALES.

1910.	32,403,000	170.7	11,609,000
1911.	36,045,000	207.7	15,693,000
1912.	34,283,000	190.9	13,703,000
1913.	37,089,000	182.0	14,116,000
1914.	36,832,000	209.2	16,135,000
1915.	31,412,000	172.5	11,161,000
1916.	34,985,000	156.3	11,511,000
1917.	33,841,000	155.7	11,302,000
1918.	37,073,000	154.1	11,818,000

THE SUGAR BEET CROP—TONS.

1914.	483,400	11.6	5,585,000
1915.	611,000	10.4	6,462,000
1916.	665,308	9.3	6,228,000
1917.	665,400	9.2	5,980,000
1918.	690,000	9.3	6,458,000

CROP OF EDIBLE BEANS—Bushels.

1914.	875,000	13.2	11,585,000
1915.	928,000	11.1	10,321,000
1916.	1,107,000	9.7	10,715,000
1917.	1,832,000	8.6	15,701,000
1918.	1,716,000	10.7	17,802,000

CROP OF KAFIRS—BUSHEL.

1915.	4,153,000	27.6	114,460,000
1916.	3,812,000	13.2	50,340,000
1917.	5,153,000	14.7	75,866,000
1918.	5,114,000	14.2	72,650,000

THE CROP OF ONIONS—BUSHEL.

1915.	27,579	278	7,663,712
1916.	28,400	275	7,832,000
1917.	41,300	328	13,554,000
1918.	35,835	375	13,438,000

THE CROP OF CABBAGE—TONS.

1915.	69,420	9.7	670,631
1916.	40,080	6.2	246,988
1917.	66,800	7.5	502,700
1918.	96,600	5.6	541,005

THE YIELD OF HOPS—POUNDS.

1915.	44,653	1.187	52,986,000
1916.	43,900	1.152	50,597,000
1917.	29,900	.929	27,788,000
1918.	27,905	1.122	31,325,000

PRODUCTION OF CRANBERRIES—THREE STATES—BARRELS.

1915.	23,100	19.1	441,000
1916.	23,600	17.6	415,000
1917.	18,190	13.7	249,009
1918.	27,200	13.6	371,800

THE CROP OF APPLES—BUSHEL.

1914.....	253,200,000
1915.....	230,011,000
1916.....	204,582,000
1917.....	174,608,000
1918.....	198,389,000

YIELD OF PEACHES—BUSHEL.

1914.....	54,100,000
1915.....	64,097,000
1916.....	37,505,000
1917.....	45,066,000
1918.....	40,185,000

THE CROP OF PEARS—BUSHEL.

1914.....	12,086,000
1915.....	11,216,000
1916.....	11,874,000
1917.....	13,281,000
1918.....	10,189,000

THE CROP OF ORANGES.

1915.....	21,200,000
1916.....	23,835,000
1917.....	12,832,000

THE CROP OF SORGHUM SYRUP—GALLONS.

1916...	157,000	87.3	13,668,000
1917...	378,000	90.4	34,175,000
1918...	351,704	85.2	29,973,000

CROP OF PEANUTS—BUSHEL.

1916..	1,076,350	32.8	35,325,500
1917..	2,084,000	28.4	59,207,000
1918..	2,212,400	32.3	71,460,000

CROP OF BROOM CORN—TONS—FIVE STATES.

1916..	229,000	....	37,855
1917..	229,000	....	52,000
1918..	314,000	....	52,100

CROP OF CLOVER SEED — BUSHEL.

1916..	939,000	1.8	1,706,000
1917..	756,000	1.8	1,356,000
1918..	819,000	1.7	1,383,000

Increase in Number of Farms.

This short statement shows the number of farms in the United States each ten years since 1850 and the average acreage of the farms, with an estimate for 1917:

Year.	No. of Farms.	Acreage.
1850.....	1,449,073	202.6
1860.....	2,044,077	199.2
1870.....	2,659,985	153.3
1880.....	4,008,907	133.7
1890.....	4,564,641	136.5
1900.....	5,737,372	145.2
1910.....	6,361,502	138.1
1917, estimated.	7,000,000	134.0

Agricultural Statistics is the most important publication originated in the past five years.

Spring Wheat, 1916 and 1917.

This statement represents the statistics of the very poor crop of spring wheat of 1916, followed by the estimate of the modern crop being harvested in 1917. The condition of 1917 was very ordinary, notwithstanding the great efforts made to increase production.

State.	1916.		1917.	
	Bush-els, Acre.	Produc-tion, Bushels.	Bush-els, Acre.	Esti-mate, Bushels.
ALA.....				
ARIZ.....				
ARK.....				
CALIF.....				
COLO.....	19.5	4,485,000	22.0	5,808,000
CONN.....				
DEL.....				
FLA.....				
IDAHO.....	23.5	6,815,000	22.0	8,250,000
ILL.....				
IND.....				
IOWA.....	13.0	4,160,000	21.5	5,375,000
KAS.....	10.5	462,000	6.0	264,000
KY.....				
LA.....				
MAINE.....	27.0	135,000	14.0	154,000
MD.....				
MASS.....				
MICH.....				
MINN.....	7.3	26,645,000	17.5	56,525,000
MISS.....				
MO.....				
MONT.....	18.0	16,850,000	9.0	10,098,000
NEB.....	12.5	3,750,000	16.5	6,600,000
NEV.....	31.5	1,162,000	28.0	1,036,000
N. H.....				
N. J.....				
N. M.....	21.5	1,032,000	18.0	1,242,000
N. Y.....				
N. C.....				
N. D.....	5.5	39,325,000	8.0	56,000,000
OHIO.....				
OKLA.....				
OREGON.....	23.0	6,210,000	11.0	4,411,000
PENN.....				
R. I.....				
S. C.....				
S. D.....	6.3	22,050,000	14.0	50,344,000
TENN.....				
TEXAS.....	25.0	1,900,000	27.0	2,430,000
UTAH.....	25.0	25,000	20.0	60,000
VA.....				
WASH.....	21.5	19,350,000	13.6	18,360,000
W. VA.....				
WIS.....	16.6	1,776,000	21.2	3,095,000
WYO.....	22.0	2,090,000	22.0	2,766,000
U. S.....	8.8	158,142,000	12.6	232,758,000

BEANS—DRY EDIBLE—1917.

The following table represents the December estimate of the crop for 1917. It is the largest acreage and crop on record:

State.	Planted, Acres.	Yield, Per Acre.		Produc-tion, Bushels.
ME.....	33,000	10.0		330,000
N. H.....	10,000	10.0		100,000
N. J.....	10,000	10.0		100,000
VT.....	10,000	10.0		100,000
MASS.....	4,000	10.0		40,000
N. Y.....	210,000	7.5		1,575,000
N. J.....	8,000	10.0		80,000
PENN.....	13,000	8.0		104,000
W. VA.....	18,000	8.0		144,000
OHIO.....	7,000	5.0		35,000
IND.....	5,000	12.0		60,000
MICH.....	639,000	5.5		3,515,000
WIS.....	35,000	7.5		262,000
IOWA.....	7,000	6.0		42,000
MO.....	9,200	10.0		92,000
TENN.....	10,000	6.0		60,000
COLO.....	193,000	7.6		1,467,000
N. M.....	213,000	4.5		958,000
ARIZ.....	19,000	8.0		152,000
WASH.....	16,000	8.0		128,000
CALIF.....	558,000	14.4		8,035,000
ALL OTHER.....	100,000	8.5		850,000
U. S.....	2,117,200	8.6		15,701,000

About the year 1630 Swedish Immigrants introduced sheep into New Jersey and Delaware.

SPRING WHEAT CROP OF 1918.

The spring wheat acreage for 1918 exhibited an increase over former records, which was greatly desired, and resulted in the largest crop on record. This, however, was offset by the winter wheat record, which placed total wheat second to 1915, the year of the record crop.

SPRING WHEAT.

State.	Acreage, 1917.		Acreage, 1918.		Est. Bushels, 1918.
ALA.....					
ARIZ.....					
ARK.....					
CALIF.....					
CONN.....					
COLO.....	264,000		312,000		6,240,000
DEL.....					
FLA.....					
GA.....					
IDAHO.....	345,000		469,000		9,849,000
ILL.....			180,000		4,812,000
IND.....			7,000		161,000
IOWA.....	339,000		650,000		11,700,000
KAS.....	48,000		51,000		408,000
KY.....					
LA.....					
MAINE.....	11,000		23,000		575,000
MD.....					
MASS.....			10,000		
MICH.....			35,000		672,000
MINN.....	3,832,000		4,038,000		84,798,000
MISS.....					
MO.....					
MONT.....	1,122,000		1,380,000		17,250,000
NEB.....	450,000		512,000		6,400,000
NEV.....	37,000		39,000		975,000
N. H.....					
N. J.....					
N. M.....	55,000		79,000		1,896,000
N. Y.....			50,000		1,065,000
N. C.....					
N. D.....	7,150,000		7,630,000		99,190,000
OHIO.....			15,000		322,000
OKLA.....					
OREGON.....	351,000		441,000		4,851,000
PENN.....					
R. I.....					
S. C.....					
S. D.....	3,325,000		2,243,000		80,617,000
TEXAS.....					
UTAH.....	91,000		104,000		2,756,000
VT.....	3,000		10,000		220,000
VA.....					
WASH.....	1,350,000		1,728,000		16,416,000
W. VA.....					
WIS.....	142,000		333,000		7,992,000
WYO.....	124,000		160,000		400,000
U. S.....	19,039,000		22,489,000		363,195,000

BROOM CORN CROP, 1916-18.

State.	1916.		1917.		1918.	
	Tons.		Tons.		Tons.	
ILLINOIS.....	6,681		8,250		9,500	
KANSAS.....	5,943		12,000		13,500	
TEXAS.....	847		688		14,500	
OKLAHOMA.....	22,420		26,250		26,000	
COLORADO.....	2,835		4,650		7,000	

Total Above..... 38,726 51,838 70,500

BROOM CORN—1918.

The early estimate for broom corn was very much larger than earlier in the season. The crop is practically limited to five states, of which Oklahoma is the most important.

State.	Per Cent. Planted, 1917.		Pro- duction, Tons.	Price Per Ton.
ILL.....	31.000	103	8,500	\$468.00
KAS.....	63.000	105	9,300	275.00
TEXAS.....	50.000		13,000	267.00
OKLA.....	140.000	80	16,100	260.00
COLO.....	30.000	100	5,200	
Total.....	314,000	105	52,100	\$300.28

In the year 1634 olives were introduced into the Southern colonies (now states) without much success.

In the year 1720 Joseph Foljambre, of Rotherham, England, took out a patent for a plow with moldboard and landside of wood sheathed with iron plates, the share and coulter being made of wrought iron with steel edges.

Final Corn Estimate, 1917.

This is the United States government final corn production estimate of 1917. It will be noticed that Illinois produced the largest amount of corn, with Iowa a close second. The largest yield per acre is in Connecticut, but the acreage is small:

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.....	4,825,000	16.0	77,200,000
ARIZ.....	32,000	27.0	864,000
ARK.....	2,800,000	24.0	67,200,000
CALIF.....	75,000	32.0	2,400,000
COLO.....	552,000	20.0	10,640,000
CONN.....	95,000	51.0	4,845,000
DEL.....	230,000	34.0	7,820,000
FLA.....	925,000	15.0	13,875,000
GA.....	4,500,000	16.0	72,000,000
IDA.....	22,000	31.0	682,000
ILL.....	11,000,000	38.0	418,000,000
IND.....	5,651,000	36.0	203,436,000
IOWA.....	11,100,000	37.0	410,700,000
KAS.....	9,156,000	14.0	128,184,000
KY.....	3,900,000	31.5	122,850,000
LA.....	2,347,000	18.0	42,246,000
ME.....	20,000	39.0	780,000
MD.....	720,000	39.0	28,080,000
MASS.....	61,000	46.0	2,806,000
MICH.....	1,750,000	21.5	37,625,000
MINN.....	3,000,000	30.0	90,000,000
MISS.....	4,100,000	20.5	84,050,000
MO.....	7,200,000	35.0	252,000,000
MONT.....	81,000	12.5	1,012,000
NEB.....	9,240,000	27.0	249,480,000
NEV.....	2,000	30.0	60,000
N. H.....	26,000	42.0	1,092,000
N. J.....	297,000	43.0	12,771,000
N. M.....	170,000	20.0	3,400,000
N. Y.....	840,000	31.0	26,040,000
N. C.....	3,000,000	20.0	60,000,000
N. D.....	590,000	9.0	5,310,000
OHIO.....	3,950,000	38.0	150,100,000
OKLA.....	3,900,000	8.5	33,150,000
ORE.....	42,000	30.0	1,260,000
PENN.....	1,575,000	39.5	62,212,000
R. I.....	13,000	42.0	546,000
S. C.....	2,313,000	19.0	43,947,000
S. D.....	3,350,000	29.0	97,150,000
TENN.....	3,900,000	28.5	111,150,000
TEXAS.....	7,075,000	11.0	77,825,000
UTAH.....	20,000	25.0	500,000
VT.....	54,000	47.0	2,538,000
VA.....	2,450,000	29.5	72,275,000
WASH.....	41,000	37.0	1,517,000
W. VA.....	834,000	30.0	25,020,000
WIS.....	1,918,000	22.0	42,196,000
WYO.....	33,000	20.0	660,000
U. S.....	119,755,000	26.4	3,159,494,000

Corn on Farms.

Every year, March 1st, the grain on farms is reported. These figures are valuable, as they are comparative. In March, 1918, figures will be issued.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
PENN.....	21,762,000	21,652,000	16,965,000
VA.....	15,358,000	31,492,000	27,446,000
N. C.....	27,624,000	29,232,000	21,996,000
GA.....	29,120,000	32,475,000	30,380,000
OHIO.....	45,669,000	61,420,000	32,413,000
IND.....	58,794,000	76,380,000	54,144,000
ILL.....	99,011,000	142,272,000	88,972,000
MICH.....	19,530,000	15,680,000	9,075,000
WIS.....	15,863,000	4,899,000	10,343,000
MINN.....	26,390,000	9,016,000	18,572,000
IOWA.....	140,193,000	86,565,000	110,048,000
MO.....	38,016,000	70,948,000	31,707,000
S. D.....	23,400,000	28,275,000	21,019,000
NEB.....	71,320,000	87,330,000	73,112,000
KAS.....	29,221,000	70,540,000	13,205,000
KY.....	34,675,000	44,100,000	36,176,000
TENN.....	32,964,000	42,849,000	32,110,000
ALA.....	26,634,000	33,150,000	17,275,000
MISS.....	25,641,000	32,376,000	15,708,000
LA.....	13,124,000	17,589,000	17,029,000
TEXAS.....	28,704,000	50,055,000	35,397,000
OKLA.....	10,000,000	33,630,000	10,665,000
ARK.....	11,340,000	26,682,000	13,992,000
U. S.....	910,894,000	1,116,559,000	789,416,000

THE CORN CROP OF 1918.

The corn acreage planted in 1918 justified expectations for a large crop that was not realized. A drouth condition set in and injured the crop enormously. The result, therefore, exhibits a moderate total.

State.	Acreage Planted.	Per Cent. of 1917.	Forecast, Bushels.
ALA.....	4,680,000	97	70,996,000
ARIZ.....	34,000	106	918,000
ARK.....	2,828,000	101	35,887,000
CALIF.....	76,000	192	2,615,000
COLO.....	527,000	99	11,858,000
CONN.....	105,000	111	5,231,000
DEL.....	239,000	104	7,363,000
FLA.....	1,073,000	116	14,340,000
GA.....	4,590,000	102	69,080,000
IDAHO.....	21,000	108	821,000
ILL.....	10,450,000	95	349,448,000
IND.....	5,538,000	98	192,224,000
IOWA.....	10,767,000	97	402,147,000
KAS.....	6,867,000	75	46,696,000
KY.....	3,900,000	100	96,681,000
LA.....	2,464,000	105	35,728,000
MAINE.....	23,000	115	987,000
MD.....	734,000	102	25,250,000
MASS.....	71,000	116	3,523,000
MICH.....	1,730,000	100	51,450,000
MINN.....	2,700,000	90	104,206,000
MISS.....	4,100,000	100	63,591,000
MO.....	7,272,000	101	149,221,000
MONT.....	100,000	124	2,673,000
NEB.....	7,392,000	80	147,470,000
NEV.....	2,000	110	65,000
N. H.....	29,000	110	1,190,000
N. J.....	309,000	104	11,087,000
N. M.....	163,000	96	4,042,000
N. Y.....	857,000	102	28,778,000
N. C.....	3,000,000	100	60,630,000
N. D.....	484,000	82	10,382,000
OHIO.....	3,832,000	97	135,423,000
OKLA.....	3,549,000	91	25,553,000
OREGON.....	44,000	104	1,346,000
PENN.....	1,638,000	104	62,113,000
R. I.....	13,000	100	538,000
S. C.....	2,267,000	98	37,904,000
S. D.....	3,182,000	95	110,256,000
TENN.....	3,744,000	96	82,758,000
TEXAS.....	7,055,000	100	90,277,000
UTAH.....	22,000	119	689,000
VT.....	51,000	95	1,803,000
VA.....	2,548,000	104	69,509,000
WASH.....	43,000	106	1,316,000
W. VA.....	859,000	103	24,155,000
WIS.....	1,784,000	93	66,739,000
WYO.....	86,000	110	983,000
U. S.....	113,835,000	95	2,717,775,000

WHAT BECOMES OF THE CORN CROP.

The following represents the United States Department of Agriculture idea of the disposition of the corn crop:

Consumption on Farms.

	Per Cent. of Entire Crop.
Horses and Mules.....	27.0
Swine.....	26.3
Cattle (other than Mich.).....	9.4
Milch Cows.....	8.6
Poultry.....	3.6
Human Beings.....	3.4
Sheep.....	2.2
Seed.....	.8
Other, or doubtful.....	3.5
Total.....	85.6
City Disposition.....	Per Cent. of Total
Used in Flour Mills.....	9.1
Glucose and Starch.....	1.5
Manufacture of Distilled Liquors.....	.8
Manufacture of Malt Liquors.....	.5
Used for Feed in Towns.....	4.4
Exported.....	1.7
Balance indefinite.....	1.0
Total.....	19.0

Persian-Arab horses were introduced into South Africa by the Dutch East India Company in 1688.

In the year 1690 Boston, Mass., was doing quite a trade in packing and curing pork.

Oats Crop—Final, 1917.

The oats crop of 1917 was estimated in December to be the largest ever grown. The state of Iowa produced the largest number of bushels; the state of Illinois raised a few bushels less than Iowa. Illinois produced an average of fifty-two bushels to the acre, against forty-seven bushels an acre in Iowa:

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.....	540,000	18.0	9,720,000
ARIZ.....	10,000	40.0	400,000
ARK.....	340,000	28.0	9,520,000
CALIF.....	196,000	35.0	6,860,000
COLO.....	293,000	38.0	11,134,000
CONN.....	20,000	38.0	760,000
DEL.....	4,000	32.0	128,000
FLA.....	55,000	14.0	770,000
GA.....	650,000	16.0	10,400,000
IDA.....	275,000	38.0	10,450,000
ILL.....	4,700,000	52.0	244,400,000
IND.....	1,820,000	42.0	76,440,000
IOWA.....	5,250,000	47.0	246,750,000
KAS.....	2,284,000	31.0	70,804,000
KY.....	310,000	26.0	8,060,000
LA.....	84,000	22.3	1,873,000
ME.....	170,000	29.0	4,930,000
MD.....	47,000	34.0	1,457,000
MASS.....	12,000	37.0	444,000
MICH.....	1,550,000	36.5	56,575,000
MINN.....	3,250,000	37.0	120,250,000
MISS.....	300,000	19.0	5,700,000
MO.....	1,480,000	40.0	59,200,000
MONT.....	680,000	20.0	13,600,000
NEB.....	3,038,000	38.0	115,444,000
NEV.....	14,000	40.0	560,000
N. H.....	14,000	38.0	532,000
N. J.....	73,000	34.0	2,482,000
N. M.....	45,000	30.0	1,350,000
N. Y.....	1,275,000	35.0	44,625,000
N. C.....	340,000	17.0	5,780,000
N. D.....	2,575,000	15.0	38,625,000
OHIO.....	1,775,000	44.0	78,100,000
OKLA.....	1,150,000	23.0	26,450,000
ORE.....	365,000	25.0	9,125,000
PENN.....	1,175,000	35.0	41,125,000
R. I.....	2,000	31.0	62,000
S. C.....	400,000	15.0	6,000,000
S. D.....	1,925,000	34.0	65,450,000
TENN.....	300,000	24.5	7,350,000
TEXAS.....	1,425,000	26.0	37,050,000
UTAH.....	100,000	44.0	4,400,000
VT.....	88,000	36.0	3,168,000
VA.....	225,000	24.5	5,522,500
WASH.....	292,000	38.5	11,241,000
W. VA.....	143,000	27.0	3,861,000
WIS.....	2,250,000	44.0	99,000,000
WYO.....	263,000	36.0	9,468,000
U. S.....	43,572,000	36.4	1,587,286,000

Tobacco Crop—1917.

State.	Planted Acres.	Yield Per Acre.	Production, Pounds.
ALA.....	200	730	146,000
ARK.....	300	700	210,000
CONN.....	21,000	1,400	29,540,000
FLA.....	3,100	1,100	3,410,000
GA.....	1,600	1,000	1,600,000
ILL.....	700	800	560,000
IND.....	14,800	950	14,060,000
KY.....	474,000	900	426,600,000
MD.....	28,600	790	22,594,000
LA.....	600	350	210,000
MASS.....	8,400	1,409	11,833,000
MO.....	3,000	940	2,820,000
N. H.....	100	1,670	1,670,000
N. Y.....	2,500	1,250	3,125,000
N. C.....	325,000	630	204,750,000
OHIO.....	103,200	960	99,072,000
PENN.....	41,500	1,400	58,100,000
S. C.....	72,000	710	51,120,000
TENN.....	101,000	810	81,810,000
TEXAS.....	200	670	134,000
VT.....	100	1,650	165,000
VA.....	185,000	700	129,500,000
W. VA.....	11,300	800	9,040,000
W. VA.....	11,300	800	9,040,000
U. S.....	1,446,000	827	1,196,451,000

THE OATS CROP OF 1918.

Much satisfaction is expressed in the size of the oats crop in recent years. The crop of 1918, although not the largest, stands with the high figures.

State.	Acres. of 1917.	Per Cent.	Bushels.
ALA.....	583,000	108	11,077,000
ARIZ.....	11,000	110	440,000
ARK.....	442,000	130	11,492,000
CALIF.....	178,000	91	5,696,000
COLO.....	293,000	100	9,669,000
CONN.....	24,000	121	864,000
DEL.....	4,000	105	140,000
FLA.....	55,000	100	770,000
GA.....	592,000	91	11,840,000
IDAHO.....	258,000	94	10,320,000
ILL.....	4,794,000	102	213,333,000
IND.....	1,893,000	104	79,506,000
IOWA.....	5,302,000	101	220,033,000
KAS.....	2,261,000	99	52,003,000
KY.....	310,000	100	7,285,000
LA.....	80,000	95	2,000,000
MAINE.....	194,000	114	7,760,000
MD.....	48,000	102	1,632,000
MASS.....	16,000	133	656,000
MICH.....	1,658,000	107	67,149,000
MINN.....	3,282,000	101	134,562,000
MISS.....	258,000	86	5,160,000
MO.....	1,480,000	100	42,920,000
MONT.....	680,000	100	17,680,000
NEB.....	2,856,000	94	57,120,000
NEV.....	14,000	98	532,000
N. H.....	17,000	120	646,000
N. J.....	76,000	104	3,192,000
N. M.....	45,000	100	1,260,000
N. Y.....	1,339,000	105	56,238,000
N. C.....	347,000	102	6,766,000
N. D.....	2,524,000	98	60,576,000
OHIO.....	1,917,000	108	84,348,000
OKLA.....	1,265,000	110	30,360,000
OREGON.....	361,000	99	7,942,000
PENN.....	1,210,000	103	47,190,000
R. I.....	2,000	110	70,000
S. C.....	540,000	135	11,880,000
S. D.....	1,944,000	101	75,816,000
TENN.....	300,000	106	6,900,000
TEXAS.....	1,510,000	106	24,915,000
UTAH.....	98,000	98	4,410,000
VT.....	103,000	117	4,223,000
VA.....	236,000	105	5,428,000
WASH.....	310,000	106	8,370,000
W. VA.....	149,000	104	4,172,000
WIS.....	2,340,000	104	107,640,000
WYO.....	276,000	105	11,316,000
U. S.....	44,475,000	102	1,535,297,000

TOBACCO—1918.

The tobacco crop of 1918 showed increased acreage, and the largest crop since 1910 and probably the largest on record. Kentucky, North Carolina, Virginia and Ohio are the leading tobacco states.

State.	Planted, Acres.	Per Cent.	Production, Pounds.
ALA.....	209	100	110,000
ARK.....	300	100	180,000
CONN.....	22,600	107	39,826,000
FLA.....	4,600	150	4,554,000
GA.....	2,900	180	3,030,000
ILL.....	700	100	563,000
IND.....	16,300	110	14,890,000
KY.....	-431,300	91	369,739,000
LA.....	300	50	107,000
MD.....	28,600	100	23,672,000
MASS.....	9,200	110	16,499,000
MO.....	3,100	101	2,790,000
N. H.....	100	100	182,000
N. Y.....	3,000	120	3,567,000
N. C.....	341,200	105	240,444,000
OHIO.....	115,600	112	112,363,000
PENN.....	45,600	110	66,284,000
S. C.....	86,400	120	64,161,000
TENN.....	77,800	77	61,594,000
TEXAS.....	200	100	109,000
VT.....	100	100	181,000
VA.....	196,100	106	162,371,000
W. VA.....	13,600	120	11,213,000
WIS.....	53,100	110	75,933,000
U. S.....	1,452,900	100	1,265,362,000

Van der Donck, the traveler, wrote that by 1653 the Dutch settlers of New York had already blooming in their gardens white and red roses, eglantine, different varieties of tulips, violets, white lilies, anemones and marigolds.

TAME HAY CROP—1918.

The tame hay crop of 1918 is eighteen million tons less than the largest crop. New York, Pennsylvania, Iowa and Illinois lead in quantity for the year. The average production per acre is not up to the average.

State.	Area, of Acreage, 1917.	Per Cent.	Pro-duction, Tons.
ALA.....	1,622,000	112	1,622,000
ARIZ.....	149,000	95	477,000
ARK.....	402,000	103	482,000
CALIF.....	2,376,000	99	2,970,000
COLO.....	951,000	98	2,045,000
CONN.....	340,000	97	442,000
DEL.....	83,000	106	104,000
FLA.....	104,000	104	119,000
GA.....	535,000	100	482,000
IDAHO.....	667,000	92	1,934,000
ILL.....	3,052,000	111	4,029,000
IND.....	2,210,000	103	3,204,000
IOWA.....	3,128,000	99	4,098,000
KAS.....	1,478,000	100	2,069,000
KY.....	1,072,000	110	1,594,000
LA.....	260,000	100	338,000
MAINE.....	1,137,000	93	1,308,000
MASS.....	473,000	107	639,000
MICH.....	437,000	95	524,000
MINN.....	2,481,000	97	2,555,000
MISS.....	1,702,000	92	2,383,000
MO.....	2,227,000	87	272,000
MO.....	2,989,000	94	2,600,000
MONT.....	767,000	101	1,150,000
NEB.....	1,701,000	107	2,381,000
NEV.....	218,000	93	567,000
N. H.....	496,000	98	570,000
N. J.....	350,000	100	490,000
N. M.....	192,000	95	422,000
N. Y.....	4,185,000	100	5,189,000
N. C.....	444,000	101	577,000
N. D.....	522,000	95	574,000
OHIO.....	2,925,000	100	3,890,000
OKLA.....	581,000	101	680,000
OREGON.....	815,000	97	1,467,000
PENN.....	3,123,000	101	4,154,000
R. I.....	59,000	98	77,000
S. C.....	250,000	100	275,000
S. D.....	720,000	98	1,152,000
TENN.....	981,000	110	1,324,000
TEXAS.....	450,000	100	450,000
UTAH.....	383,000	99	912,000
VT.....	924,000	98	1,204,000
VA.....	892,000	105	1,115,000
WASH.....	751,000	93	1,352,000
W. VA.....	798,000	101	998,000
WIS.....	2,406,000	89	3,296,000
WYO.....	571,000	102	1,199,000
U. S.....	53,386,000	100	71,555,000

STOCKS OF HAY IN UNITED STATES.

Year.	Production of All Hay, Preceding Year, (Tons.)	Per Cent. on Farms, May 1, 1918.	Tons on Farms, May 1, 1918.	Price Per Ton, (Tame)	Price Per Ton, (Wild)
1910..	81,216,000	11.5	10,053,000	12.21	.....
1911..	82,529,000	12.4	10,222,000	12.29	.....
1912..	67,071,000	8.5	5,732,000	17.64	.....
1913..	90,734,000	14.9	13,523,000	11.13	.....
1914..	79,179,000	12.2	9,631,000	12.32	.....
1915..	88,686,000	12.2	10,797,000	11.82	8.58
1916..	107,263,000	13.5	14,452,000	12.22	7.56
1917..	110,992,000	11.4	12,659,000	14.44	10.94
1918..	94,930,000	11.7	11,096,000	\$17.97	\$14.47

BEANS.

Bean production for three years, as reported by the United States Department of Agriculture. All these figures are estimates, and are often changed, the latest, of course, being final.

State.	1916, Bushels.	1917, Bushels.	1918, Bushels.
N. Y.....	1,140,000	1,575,000	1,444,000
MICH.....	3,102,000	3,294,000	4,911,000
COLO.....	424,000	1,188,000	1,852,000
N. M.....	425,000	667,000	1,620,000
ARIZ.....	48,000	152,000	160,000
CALIF.....	5,576,000	8,091,000	7,815,000
Total....	10,715,000	14,967,000	17,802,000

The English thoroughbred stallion Bulle Rock, foaled in 1718, was imported into Virginia by Patton & Gist in 1730, and is said to have been the first thoroughbred to arrive in America.

WILD HAY CROP—1918.

The wild hay crop is not one that increases, the total tons for 1918 being about 6,000,000 tons less than in 1915, and the average per acre is less.

WILD HAY—1918.

State.	Area, of Acres, 1917.	Per Cent.	Pro-duction, Tons.
ALA.....	35,000	100	35,000
ARIZ.....	13,000	90	13,000
ARK.....	86,000	98	71,000
CALIF.....	182,000	81	173,000
COLO.....	451,000	100	424,000
CONN.....	13,000	99	14,000
DEL.....	10,000	101	11,000
FLA.....	9,000	97	10,000
GA.....	13,000	103	12,000
IDAHO.....	113,000	97	124,000
ILL.....	101,000	105	131,000
IND.....	60,000	95	72,000
IOWA.....	615,000	100	738,000
KAS.....	1,305,000	100	848,000
KY.....	5,000	101	5,000
LA.....	30,000	100	30,000
MAINE.....	21,000	100	21,000
MD.....	5,000	100	6,000
MASS.....	21,000	100	21,000
MICH.....	38,000	105	40,000
MINN.....	1,786,000	94	2,054,000
MISS.....	35,000	88	38,000
MO.....	136,000	98	102,000
MONT.....	482,000	90	362,000
NEB.....	2,888,000	94	2,368,000
NEV.....	144,000	80	101,000
N. H.....	21,000	100	21,000
N. J.....	30,000	101	39,000
N. M.....	29,000	90	20,000
N. Y.....	69,000	98	69,000
N. C.....	38,000	98	42,000
N. D.....	2,115,000	97	1,904,000
OHIO.....	2,000	98	3,000
OKLA.....	600,000	100	336,000
OREGON.....	176,000	89	194,000
PENN.....	14,000	98	13,000
R. I.....	1,000	98	1,000
S. C.....	10,000	100	10,000
S. D.....	3,185,000	98	3,185,000
TENN.....	28,000	101	34,000
TEXAS.....	214,000	95	128,000
UTAH.....	64,000	96	70,000
VT.....	11,000	99	12,000
VA.....	9,000	105	9,000
WASH.....	26,000	91	35,000
W. VA.....	6,000	100	7,000
WIS.....	318,000	102	413,000
WYO.....	300,000	100	330,000
U. S.....	15,863,000	96	14,699,000

WHEAT ON HAND THREE YEARS.

This table is of wheat held in country mills on March 1st of 1913, 1914 and 1918:

State.	1913, Bushels.	1914, Bushels.	1918, Bushels.
N. Y.....	536,000	612,000	587,000
PENN.....	3,571,000	3,935,000	3,183,000
MD.....	898,000	1,136,000	803,000
VA.....	1,547,000	1,591,000	2,509,000
OHIO.....	1,464,000	4,212,000	3,703,000
IND.....	1,210,000	4,773,000	2,337,000
ILL.....	982,000	3,770,000	2,128,000
MICH.....	980,000	1,789,000	1,215,000
WIS.....	463,000	476,000	855,000
MINN.....	10,726,000	8,845,000	6,956,000
IOWA.....	1,928,000	1,312,000	668,000
MO.....	4,275,000	5,542,000	2,479,000
N. D.....	24,449,000	8,674,000	6,160,000
S. D.....	8,350,000	5,096,000	5,202,000
NEB.....	4,955,000	5,609,000	826,000
KAS.....	8,306,000	6,089,000	2,297,000
KY.....	1,166,000	1,972,000	720,000
TENN.....	920,000	1,428,000	386,000
TEXAS.....	1,764,000	2,048,000	486,000
OKLA.....	3,215,000	1,575,000	1,070,000
MONT.....	.....	2,274,000	2,874,000
WASH.....	16,118,000	9,594,000	5,844,000
All Other.	20,577,000	11,275,000	15,685,000
U. S.....	118,400,000	93,627,000	68,972,000

A list of vegetables grown in New England before 1633 was given by a Mr. William Wood. He said also: "Whatever grows well in England grows well in New England."

Earliest record of pear tree planting in New England was a tree in the garden of Governor Endicott's house, in Boston, planted in 1630.

White Potatoes—1917.

The crop of white potatoes in 1917 exceeded previous records and came at the right time. New York is the banner potato state, so far as quantity grown is concerned, but the average quantity per acre belongs to Nevada, where the actual acreage is small.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.....	41,000	72.0	2,952,000
ARIZ.....	4,000	105.0	420,000
ARK.....	30,000	80.0	2,400,000
CALIF.....	105,000	145.0	15,525,000
COLO.....	70,000	133.0	9,310,000
CONN.....	29,000	110.0	3,190,000
DEL.....	13,000	95.0	1,235,000
FLA.....	25,000	91.0	2,275,000
GA.....	19,000	84.0	1,596,000
IDA.....	39,000	156.0	6,084,000
ILL.....	150,000	90.0	13,500,000
IND.....	92,000	92.0	8,464,000
IOWA.....	138,000	95.0	13,110,000
KAS.....	78,000	57.0	4,446,000
KY.....	70,000	96.0	6,720,000
LA.....	25,000	64.0	1,600,000
ME.....	150,000	135.0	20,250,000
MD.....	60,000	100.0	6,000,000
MASS.....	38,000	115.0	4,370,000
MICH.....	378,000	95.0	35,910,000
MINN.....	300,000	112.0	33,600,000
MISS.....	14,000	78.0	1,092,000
MO.....	109,000	87.0	9,483,000
MONT.....	57,000	95.0	5,415,000
NEB.....	147,000	85.0	12,495,000
NEV.....	15,000	207.0	3,105,000
N. H.....	21,000	107.0	2,247,000
N. J.....	98,000	114.0	11,172,000
N. M.....	11,000	116.0	1,276,000
N. Y.....	400,000	95.0	38,000,000
N. C.....	50,000	90.0	4,500,000
N. D.....	90,000	43.0	3,870,000
OHIO.....	160,000	100.0	16,000,000
OKLA.....	36,000	69.0	2,484,000
ORE.....	75,000	108.0	8,100,000
PENN.....	321,000	92.0	29,532,000
R. I.....	5,000	135.0	675,000
S. C.....	15,000	96.0	1,440,000
S. D.....	80,000	90.0	7,200,000
TENN.....	52,000	94.0	4,888,000
TEXAS.....	46,000	60.0	2,760,000
UTAH.....	23,000	189.0	4,347,000
VT.....	30,000	100.0	3,000,000
VA.....	200,000	99.0	19,800,000
WASH.....	79,000	125.0	9,875,000
W. VA.....	65,000	115.0	7,475,000
WIS.....	307,000	114.0	34,998,000
WYO.....	30,000	155.0	4,650,000
U. S.....	4,390,000	100.8	442,536,000

Production of Soy Beans, 1917.

Soy beans are grown for various purposes the same as cowpeas. After figuring the grain yield and the hay yield, there is the plowed under and grazed area, the quantity put in silos, also to be considered.

State.	Acre- age Planted.	Grain Yield, Bushels.	Hay Yield, Tons.
ARK.....	15,000	.....	.....
ILL.....	30,000	.....	.....
IND.....	100,000	7,000	8,000
KY.....	57,000	108,000	80,000
MD.....	2,000	.....	.....
MISS.....	31,000	72,000	15,000
MO.....	20,000	40,000	5,000
N. C.....	120,000	840,000	90,000
N. J.....	2,000	11,000	.....
N. Y.....	7,000	.....	.....
OHIO.....	12,000	14,000	.....
PENN.....	8,000	40,000	.....
S. C.....	11,000	.....	.....
TENN.....	50,000	50,000	120,000
VA.....	50,000	.....	.....
VT.....	8,000	.....	.....
W. VA.....	5,000	4,000	8,000
WIS.....	3,000	.....	2,000
Total.....	531,000	1,186,000	328,000

WHITE POTATOES—1918.

The crop in 1918 is practically an average, and in no state is there any extraordinary production. Wisconsin, Pennsylvania, New York, Minnesota, Michigan and Maine are the leaders.

State.	Planted, Acres.	Per Cent. of 1917.	Pro- duction, Bushels.
ALA.....	69,000	168	5,340,000
ARIZ.....	5,000	125	460,000
ARK.....	31,000	104	1,676,000
CALIF.....	93,000	83	11,904,000
COLO.....	63,000	90	8,140,000
CONN.....	28,000	96	3,898,000
DEL.....	11,000	82	964,000
FLA.....	34,000	135	3,218,000
GA.....	23,000	120	1,775,000
IDAHO.....	28,000	73	4,583,000
ILL.....	148,000	99	11,574,000
IND.....	92,000	100	7,165,000
IOWA.....	134,000	97	10,539,000
KAS.....	80,000	103	4,243,000
KY.....	66,000	94	5,036,000
LA.....	50,000	200	3,338,000
MAINE.....	112,000	75	24,246,000
MD.....	52,000	86	4,146,000
MASS.....	36,000	95	4,698,000
MICH.....	340,000	90	30,287,000
MINN.....	288,000	96	32,031,000
MISS.....	19,000	133	1,553,000
MO.....	112,000	103	5,992,000
MONT.....	52,000	91	7,424,000
NEB.....	125,000	85	8,961,000
NEV.....	11,000	75	1,753,000
N. H.....	20,000	96	2,754,000
N. J.....	86,000	88	8,067,000
N. M.....	10,000	95	955,000
N. Y.....	344,000	86	32,646,000
N. C.....	48,000	97	4,054,000
N. D.....	90,000	100	9,882,000
OHIO.....	152,000	95	11,284,000
OKLA.....	37,000	103	1,495,000
OREGON.....	50,000	67	5,625,000
PENN.....	305,000	95	25,034,000
R. I.....	5,000	94	680,000
S. C.....	19,000	125	1,687,000
S. D.....	82,000	102	8,208,000
TENN.....	44,000	85	2,962,000
TEXAS.....	52,000	112	2,679,000
UTAH.....	20,000	85	3,388,000
VT.....	26,000	85	3,063,000
WASH.....	166,000	83	15,654,000
W. VA.....	65,000	82	8,330,000
W. VA.....	64,000	95	5,343,000
WIS.....	298,000	97	31,379,000
WYO.....	28,000	94	4,166,000
U. S.....	4,113,000	94	391,279,000

Wheat Supply and Consumption.

The following tabulation was prepared in the United States Department of Agriculture to show the per capita production of wheat,

Year.	Production, Bushels.....	Export, Bushels.....	Consumption, Bushels.....	Carried Over, Bushels.....
1900.....	6.87	2.84	.....	1.16
1901.....	9.64	3.02	6.85	1.24
1902.....	8.46	2.56	6.18	.96
1903.....	7.89	1.49	6.53	.86
1904.....	6.70	.53	6.35	.68
1905.....	8.24	1.16	6.58	1.18
1906.....	8.58	1.71	6.50	1.55
1907.....	7.26	1.87	6.17	.77
1908.....	7.47	1.28	6.48	.48
1909.....	8.14	.96	6.74	.92
1910.....	6.89	.75	6.08	.98
1911.....	6.62	.85	5.93	.82
1912.....	7.65	1.50	6.03	.94
1913.....	7.87	1.50	6.53	.78
1914.....	9.03	2.37	5.89	.65
1915.....	10.09	2.50	6.55	1.59
1916.....	6.00	.....	.....	.....

The first agricultural work in Scotland printed under the title of "Husbandry Anatomized; or, An Inquiry Into the Present Manner of Tilling and Manuring the Ground in Scotland," by Donaldson, was issued in 1697.

Barley Crop—Final, 1917.

This tabulated statement shows the final barley crop of 1917, as estimated in December by the United States Department of Agriculture.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.....	000	00.0	000
ARIZ.....	33,000	35.0	1,155,000
ARK.....	000	00.0	000
CALIF.....	1,350,000	29.0	39,150,000
COLO.....	168,000	33.0	5,544,000
CONN.....	000	00.0	000
DEL.....	000	00.0	000
FLA.....	000	00.0	000
GA.....	000	00.0	000
IDA.....	190,000	29.0	5,510,000
ILL.....	66,000	37.5	2,475,000
IND.....	22,000	30.5	671,000
IOWA.....	300,000	35.0	10,500,000
KAS.....	750,000	10.0	7,500,000
KY.....	5,000	28.0	140,000
LA.....	000	00.0	000
ME.....	7,000	21.0	147,000
MD.....	6,000	26.0	156,000
MASS.....	000	00.0	000
MICH.....	130,000	26.5	3,445,000
MINN.....	1,400,000	27.0	37,800,000
MISS.....	000	00.0	000
MO.....	6,000	25.0	150,000
MONT.....	90,000	15.0	1,350,000
NEB.....	213,000	26.5	5,644,000
NEV.....	12,000	35.0	420,000
N. H.....	1,000	31.0	31,000
N. J.....	1,000	00.0	000
N. M.....	13,000	28.0	364,000
N. Y.....	110,000	28.0	3,080,000
N. C.....	000	00.0	000
N. D.....	1,825,000	12.5	22,812,000
OHIO.....	40,000	33.0	1,320,000
OKLA.....	9,000	18.0	162,000
ORE.....	182,000	29.0	5,278,000
PENN.....	13,000	28.0	364,000
R. I.....	000	00.0	000
S. C.....	000	00.0	000
N. D.....	1,825,000	12.5	22,812,000
TENN.....	6,000	20.0	120,000
TEXAS.....	9,000	20.0	180,000
UTAH.....	33,000	37.0	1,221,000
VT.....	17,000	29.0	493,000
VA.....	12,000	30.0	360,000
WASH.....	170,000	29.0	4,930,000
W. VA.....	000	00.0	000
WIS.....	600,000	32.0	19,200,000
WYO.....	27,000	29.0	783,000
U. S.....	8,835,000	23.7	208,975,000

BARLEY ON FARMS, MARCH 1, 1918.

State.	Shipped Out, Bushels.	On Farms, Bushels.	Per Cent. of Crop.
ARIZ.....	231,000	81,000	7
CALIF.....	17,618,000	4,698,000	12
COLO.....	942,000	1,497,000	27
IDAHO.....	3,030,000	937,000	17
ILL.....	124,000	963,000	28
IND.....	134,000	168,000	25
IOWA.....	5,250,000	2,730,000	26
KAS.....	450,000	1,125,000	15
KY.....	14,000	21,000	15
MAINE.....	1,000	37,000	25
MD.....	8,000	23,000	15
MICH.....	310,000	586,000	17
MINN.....	19,278,000	8,316,000	22
MONT.....	162,000	216,000	16
MO.....	15,000	30,000	20
NEB.....	1,693,000	1,919,000	34
NEV.....	13,000	101,000	24
N. H.....	1,000	9,000	30
N. M.....	15,000	73,000	20
N. Y.....	308,000	832,000	27
N. D.....	7,528,000	5,019,000	22
OHIO.....	343,000	370,000	28
OKLA.....	2,000	6,000	4
OREGON.....	1,478,000	1,003,000	19
PENN.....	4,000	55,000	15
S. D.....	13,260,000	6,365,000	24
TENN.....	7,000	7,000	6
TEXAS.....	2,000	4,000	2
UTAH.....	122,000	317,000	26
VT.....	5,000	197,000	40
VA.....	4,000	36,000	50
WASH.....	2,218,000	927,000	19
WIS.....	6,528,000	4,800,000	25
WYO.....	31,000	196,000	25
U. S.....	81,129,000	43,404,000	21

THE BARLEY CROP OF 1918.

This crop stands out as having satisfied all expectations, it being in 1918 the largest of record in acreage and final result.

State.	Planted, Acres.	Per Cent. of 1917.	Pro- duction, Bushels.
ARIZ.....	30,000	90	1,020,000
CALIF.....	1,310,000	97	34,060,000
COLO.....	176,000	105	4,928,000
IDAHO.....	180,000	95	4,500,000
ILL.....	97,000	147	3,589,000
IND.....	29,000	130	914,000
IOWA.....	360,000	120	11,340,000
KAS.....	720,000	96	7,200,000
KY.....	5,000	92	140,000
MAINE.....	8,000	110	224,000
MD.....	6,000	95	186,000
MICH.....	166,000	128	5,030,000
MINN.....	1,456,000	104	45,136,000
MO.....	7,000	115	175,000
MONT.....	87,000	97	1,740,000
NEB.....	266,000	125	4,655,000
NEV.....	11,000	92	374,000
N. H.....	1,000	110	36,000
N. M.....	14,000	105	392,000
N. Y.....	125,000	114	4,062,000
N. D.....	1,697,000	93	36,486,000
OHIO.....	45,000	112	1,462,000
OKLA.....	8,000	90	128,000
OREGON.....	182,000	100	4,550,000
PENN.....	14,000	104	392,000
S. D.....	1,122,000	110	33,099,000
TENN.....	6,000	100	138,000
TEXAS.....	9,000	95	153,000
UTAH.....	32,000	98	1,130,000
VT.....	19,000	110	570,000
VA.....	12,000	100	324,000
WASH.....	173,000	102	2,630,000
WIS.....	708,000	118	24,780,000
WYO.....	27,000	100	972,000
U. S.....	9,108,000	103	236,505,000

SORGHUM FOR SYRUP—1918.

Alabama has a long lead in the production of sorghum for syrup over any other state, producing nearly half the crop. The production in 1918 is about 4,000,000 gallons less than in 1917.

State.	Planted, Acres.	Per Cent. of 1917.	Pro- duction, Gallons.
ALA.....	163,200	85	14,326,000
ARK.....	15,980	94	992,000
FLA.....	189	106	22,000
GA.....	10,000	100	960,000
ILL.....	9,603	108	834,000
IND.....	7,697	115	745,000
IOWA.....	4,347	175	430,000
KAS.....	3,194	100	187,000
KY.....	33,250	96	2,981,000
LA.....	447	98	29,300
MINN.....	1,480	120	146,000
MISS.....	9,359	90	764,000
MO.....	21,600	108	1,804,000
NEB.....	386	194	27,000
N. M.....	30	100	2,000
N. C.....	11,058	97	1,082,000
OHIO.....	6,012	150	522,000
OKLA.....	7,612	100	252,000
S. C.....	3,482	98	274,000
TENN.....	22,500	90	1,955,000
TEXAS.....	8,772	102	462,000
UTAH.....	224	115	31,000
VA.....	3,571	110	368,000
W. VA.....	5,443	110	554,000
WIS.....	2,268	125	194,000
U. S.....	351,704	93	29,973,000

CRANBERRY CROP—1918.

The cranberry crop is considerably larger than in previous years, but not up to the largest record. In 1916 the total was 415,000 barrels, and in 1915, 441,000 barrels.

State.	1917, Barrels.	1918, Acres.	Per Cent. of 1918, Barrels.
MASS.....	90,000	14,000	233
N. J.....	129,000	11,000	110
WIS.....	36,000	2,000	100
Total.....	255,000	27,200	143

The Imperil stud of Russia received importations of Arab stallions in the year 1682, which caused a decided improvement in the horses of that country. It was by direction of Peter the Great.

The Rye Crop—1917.

The rye crop of 1917 was the largest on record and amounted to 60,145,000 bushels, against 48,862,000 bushels in 1916, and 64,050,000 bushels in 1915. The largest 1917 yield was in North Dakota, and the largest yield per acre in Connecticut.

State.	Planted Acres.	Yield Per Acres.	Produc- tion, Bushels.
ALA.....	4,000	9.5	38,000
ARIZ.....	000	00.0	000
ARK.....	2,000	13.5	27,000
CALIF.....	000	00.0	000
COLO.....	27,000	16.0	432,000
CONN.....	7,000	20.5	144,000
DEL.....	1,000	16.0	16,000
FLA.....	000	00.0	000
GA.....	15,000	8.5	128,000
IDA.....	2,000	15.5	31,000
ILL.....	43,000	17.5	752,000
IND.....	200,000	15.0	3,000,000
IOWA.....	100,000	18.0	900,000
KAN.....	76,000	15.0	1,140,000
KY.....	30,000	12.5	375,000
LA.....	000	00.0	000
ME.....	000	00.0	000
MD.....	24,000	16.0	384,000
MASS.....	3,000	19.0	57,000
MICH.....	341,000	15.0	5,115,000
MINN.....	410,000	18.5	7,585,000
MISS.....	000	00.0	000
MO.....	30,000	14.7	441,000
MONT.....	9,000	12.7	114,000
NEB.....	215,000	15.6	3,354,000
NEV.....	000	00.0	000
N. H.....	000	00.0	000
N. J.....	69,000	18.5	1,276,000
N. M.....	000	00.0	000
N. Y.....	135,000	19.2	2,565,000
N. C.....	52,000	10.0	520,000
N. D.....	1,040,000	9.5	9,880,000
OHIO.....	90,000	18.0	1,620,000
OKLA.....	9,000	10.0	90,000
ORE.....	31,000	11.5	356,000
PENN.....	260,000	17.0	4,420,000
R. I.....	000	00.0	000
S. C.....	17,000	10.0	170,000
S. D.....	350,000	16.0	5,600,000
TENN.....	12,000	10.0	120,000
TEXAS.....	2,000	10.0	20,000
UTAH.....	13,000	8.0	104,000
VT.....	1,000	20.0	20,000
VA.....	77,000	15.0	1,155,000
WASH.....	7,000	12.7	89,000
W. VA.....	20,000	13.5	270,000
WIS.....	410,000	18.5	7,585,000
WYO.....	18,000	14.0	252,000
U. S.....	4,102,000	14.7	60,145,000

The Cotton Crop.

The Department of Agriculture in December gives us an estimate by states of the cotton crop of 1917. We present it, together with the enumeration of the crop of 1916 and the five-year average from 1911 to 1915, inclusive. The small crop of 1917 was selling at 27.7 cents a pound in December, 1917, against 10 cents a pound, the December average for the five-year period.

State.	Five-year Average, Bales.	1916. Bales.	1917. Bales.
VIRGINIA.....	23,762	27,127	16,000
N. CAROLINA.....	872,830	654,603	570,000
GEORGIA.....	2,297,697	1,820,939	1,820,000
FLORIDA.....	64,787	41,449	40,000
ALABAMA.....	1,465,301	533,402	505,000
MISSISSIPPI.....	1,152,041	811,794	895,000
LOUISIANA.....	399,007	443,182	615,000
TEXAS.....	4,180,240	3,725,700	3,115,000
ARKANSAS.....	927,273	1,134,033	895,000
TENNESSEE.....	358,538	382,422	206,000
MISSOURI.....	60,871	62,699	51,000
OKLAHOMA.....	957,106	823,526	890,000
CALIFORNIA.....	23,846	43,620	67,000
ALL OTHER.....	8,296	13,604	29,000
U. S.....	14,175,872	11,449,930	10,949,000

THE RYE CROP OF 1918.

Decidedly the largest acreage and the greatest crop in the history of the country is the record for rye production. North Dakota far exceeds all other states in acreage and production.

State.	Planted, Acres.	Per Cent. of 1917.	Pro- duction, Bushels.
ALA.....	4,000	100	44,000
ARIZ.....	2,900	100	23,000
ARK.....	27,000	101	324,000
CALIF.....	8,000	110	160,000
COLO.....	1,000	101	14,000
CONN.....	16,000	105	141,000
DEL.....	2,000	104	30,000
FLA.....	50,000	116	925,000
GA.....	230,000	115	3,795,000
IDAHO.....	54,000	109	1,026,000
ILL.....	101,000	133	1,464,000
IND.....	33,000	110	449,000
IOWA.....	101,000	110	57,000
KAN.....	389,000	114	5,446,000
KY.....	435,000	106	8,700,000
LA.....	24,000	101	360,000
MAINE.....	3,000	110	57,000
MD.....	389,000	114	5,446,000
MASS.....	435,000	106	8,700,000
MICH.....	34,000	112	486,000
MINN.....	11,000	123	121,000
MISS.....	254,000	118	3,353,000
MO.....	73,000	106	1,350,000
MONT.....	122,000	90	2,013,000
NEB.....	57,000	110	456,000
NEV.....	2,038,000	196	21,399,000
N. H.....	96,000	107	1,632,000
N. J.....	8,090	85	84,000
N. M.....	41,000	133	451,000
N. Y.....	265,000	102	4,505,000
N. C.....	18,000	105	202,000
OHIO.....	455,000	130	8,190,000
OKLA.....	14,000	120	140,000
OREGON.....	1,000	70	5,000
PENN.....	13,000	103	176,000
R. I.....	1,000	115	21,000
S. C.....	81,000	105	972,000
S. D.....	7,000	102	70,000
TENN.....	21,000	103	288,000
TEXAS.....	426,000	104	7,445,000
UTAH.....	20,000	111	360,000
VT.....	5,435,000	132	76,687,000
VA.....	132	76,687,000	
W. VA.....			
WIS.....			
WYO.....			
U. S.....			

COTTON ACREAGE—1918.

The crop of 1917 in bales in given, also the acreage planted in 1918. The latest estimate of the 1918 crop is 11,818,000 bales. The largest cotton crop was 16,135,000 bales, in 1914.

State.	1917 Crop, Bales.	1918 Per Cent. Planted, of Acreage, 1917.
ALA.....	517,890	2,622,000 130
ARIZ.....	21,737	92,000 200
ARK.....	973,752	2,922,000 101
CALIF.....	57,826	191,000 125
FLA.....	37,858	167,000 89
GA.....	1,883,911	5,432,000 103
LA.....	638,729	1,533,000 106
MISS.....	905,554	3,264,000 116
MO.....	60,831	158,000 98
N. C.....	617,989	1,609,000 103
OKLA.....	1,559,031	3,161,000 109
S. C.....	1,236,871	2,995,000 104
TENN.....	240,525	926,000 102
TEXAS.....	3,125,378	11,910,000 102
VA.....	18,777	51,000 97
OTHER.....	5,666	17,000 106
U. S.....	11,302,375	37,073,000 106.2

In the year 1695 John Houghton, an Englishman, writing on dairy subjects, speaks of the Irish as rotting their butter and burying it in bogs. The burying of butter may have been for the purpose of storing in time of need, or to hide it from invaders, or to ripen it for the purpose of developing flavor.

The year 1685 witnessed the beginning of a small French colony in Texas under the Chevalier LaSalle, who landed on the shores of Matagorda Bay. The occupation was brief.

Production of Peanuts, 1917.

Of the acreage planted in 1917 in peanuts, about 42 per cent. was hogged off or grazed. Of 3,277,000 acres planted, 1,893,000 matured, and the yield of peanuts was 51,096,000 bushels.

State.	Acreage Planted.	Cut For Grain, Acres.	Yield, Bushels.
ALA.....	900,000	540,000	11,520,000
ARK.....	150,000	84,000	3,108,000
FLA.....	414,000	580,000	1,450,000
GA.....	745,000	255,000	9,435,000
LA.....	35,000	.....	.....
MISS.....	25,000	6,000	204,000
N. C.....	182,000	153,000	2,142,000
OKLA.....	20,000	13,000	416,000
S. C.....	26,000	16,000	720,000
TENN.....	15,000	15,000	450,000
TEXAS.....	600,000	588,000	15,876,000
VA.....	165,000	165,000	5,775,000
Total.....	3,277,000	1,893,000	51,096,000

CROP OF PEANUTS—1918.

The peanut crop of 1918 is estimated at 71,460,000 bushels, the largest crop being in the state of Alabama. The early estimate was larger, but the 1918 crop is the largest on record.

State.	Planted, Acres.	Per Cent. of 1917.	Pro- duction, Bushels.
ALA.....	643,000	119	20,576,000
ARK.....	97,000	115	3,327,000
FLA.....	153,000	264	5,834,000
GA.....	314,000	123	12,434,000
MISS.....	5,000	83	162,000
MO.....	400	102	14,000
N. C.....	145,000	95	5,295,000
OKLA.....	20,000	154	530,000
S. C.....	14,000	90	638,000
TENN.....	17,000	113	729,000
TEXAS.....	647,000	110	15,916,000
VA.....	157,000	95	6,005,000
U. S.....	2,212,400	117	71,460,000

CABBAGE PRODUCTION, 1917.

The nine states where cabbages are produced in quantity nearly doubled production, as compared with the previous year, but did not equal the large crop of 1915. New York state alone represents half the commercial crop of cabbage.

State.	Acre- Planted.	Yield Per Acres.	Produc- tion, Tons.
N. Y.....	37,600	7.3	247,105
WIS.....	13,250	8.3	97,940
MICH.....	5,350	8.7	44,805
COLO.....	4,400	4.4	19,360
OHIO.....	3,900	10.0	35,000
MINN.....	2,800	7.2	18,000
VA.....	2,150	7.0	15,050
IOWA.....	1,950	6.8	12,240
IND.....	1,800	8.0	13,200
Total.....	73,200	7.5	502,700

PRODUCTION OF CABBAGE.

The following forecast of the commercial production of cabbage in 1918 is based upon the condition of the crop as reported on September 15 and September 1, 1918, and estimate of the total production in 1917, by states:

State.	Total Pro- duction, in 1917, Tons.	Condi- tion, Per Cent.	Pro- duction, 1918, Tons.
N. Y.....	206,590	76	274,350
WIS.....	96,760	62	95,000
MICH.....	42,330	61	38,130
COLO.....	42,570	82	49,720
OHIO.....	20,050	53	26,565
MINN.....	23,750	85	17,100
VA.....	14,620	84	16,160
IOWA.....	7,200	82	14,760
IND.....	12,350	62	11,220
Total.....	475,220	..	541,005

In the year 1650 there was a French work on agriculture published by Oliver de Serres.

Wheat on All Farms.

This statement is made up by the United States Agricultural Department on March 1st of each year. We show the quantity shipped out to March 1st, 1918, the amount remaining on the farms and the percentage of the crop remaining on farms. The final estimate of the 1917 crop is in another table.

State.	Shipped Out, Bushels.	On Hand, Bushels.	Per Cent. of Crop.
ALA.....	28,000	56,000	6
ARIZ.....	41,000	33,000	4
ARK.....	672,000	538,000	16
CALIF.....	3,712,000	520,000	7
COLO.....	6,633,000	2,843,000	21
CONN.....	.....	.....	.....
DEL.....	1,232,000	519,000	24
FLA.....	83,000	187,000	9
IDAHO.....	9,128,000	1,798,000	13
ILL.....	17,632,000	4,256,000	14
IND.....	18,700,000	4,675,000	14
IOWA.....	3,674,000	1,336,000	16
KAS.....	20,670,000	3,675,000	8
KY.....	2,160,000	1,080,000	12
LA.....	.....	.....	.....
MAINE.....	3,000	62,000	40
MD.....	6,885,000	2,869,000	21
MASS.....	7,605,000	2,586,000	17
MICH.....	34,779,000	13,912,000	24
MINN.....	84,000	8,000	4
MO.....	15,147,000	3,856,000	14
MONT.....	8,982,000	2,515,000	14
NEB.....	6,882,000	2,753,000	20
NEV.....	114,000	182,000	16
N. H.....	.....	.....	.....
N. J.....	490,000	423,000	25
N. M.....	387,000	413,000	16
N. Y.....	3,354,000	1,677,000	20
N. C.....	488,000	2,246,000	23
N. D.....	33,600,000	11,760,000	21
OHIO.....	20,570,000	9,051,000	22
OKLA.....	16,042,000	1,782,000	5
OREGON.....	7,943,000	1,281,000	10
PEN.....	9,793,000	6,365,000	31
R. I.....	.....	.....	.....
S. C.....	18,000	129,000	7
S. D.....	35,897,000	11,966,000	23
TENN.....	918,000	628,000	18
TEXAS.....	6,480,000	810,000	5
UTAH.....	2,260,000	1,412,000	25
VT.....	1,000	22,000	36
VA.....	6,451,000	4,301,000	24
WASH.....	20,453,000	3,506,000	12
W. VA.....	662,000	1,102,000	25
WIS.....	1,385,000	1,172,000	22
WYO.....	1,262,000	967,000	23
U. S.....	333,300,000	111,272,000	17

THE RICE CROP OF 1918.

The rice crop acreage during the war period increased from 694,000 acres in 1914 to 1,120,400 acres in 1918. The production increased correspondingly. The average production per acre also increased, and was the largest in 1916.

State.	Planted, Acres.	Per Cent. of 1917.	Pro- duction, Bushels.
ALA.....	600	150	15,000
ARK.....	172,500	118	6,818,000
CALIF.....	108,000	135	6,388,000
FLA.....	1,200	150	32,000
GA.....	1,200	133	30,000
LA.....	580,000	116	19,262,000
MISS.....	3,000	143	73,000
MO.....	500	120	21,000
N. C.....	500	167	10,000
S. C.....	4,500	150	103,000
TEXAS.....	248,000	108	9,166,000
U. S.....	1,120,400	116	41,918,000

In the year 1690 potatoes were beginning to attract notice in Scotland. "The potato is a baciferous herb, with esculent roots, bearing winged leaves and a bell flower."

In the year 1665 Colbert, Prime Minister to Louis IV., established government studs in France.

WHEAT PLANTING—FALL, 1918.

The Agricultural Department has issued a recommendation for winter wheat planting in 1918, which is an average of seven per cent. over the 1917 planting. The tabulated statement herewith shows the largest winter wheat acreage planted in the different states heretofore and the recommendation is also given to show the reasonableness of the desired action.

State.	Maxi- mum Acre- age Planted.	Maxi- mum Now Sug- gested.	Per Cent. 1917 age.
ALA.....	144,000	158,000	105
ARIZ.....	44,000	48,000	105
ARK.....	288,000	317,000	105
CALIF.....	489,000	538,000	105
COLO.....	462,000	508,000	105
DEL.....	146,000	160,000	105
GA.....	428,000	514,000	105
IDAHO.....	405,000	405,000	125
ILL.....	2,934,000	3,200,000	113
IND.....	2,820,000	3,100,000	110
IOWA.....	525,000	900,000	131
KAS.....	9,479,000	9,479,000	100
KY.....	968,000	1,142,000	110
MD.....	737,000	812,000	105
MICH.....	963,000	941,000	100
MINN.....	89,000	89,000	100
MISS.....	36,000	45,000	110
MO.....	2,875,000	3,235,000	108
MONT.....	775,000	775,000	100
NEB.....	3,674,000	3,762,000	117
NEV.....	23,000	10,000	100
N. J.....	99,000	104,000	102
N. M.....	270,000	283,000	102
N. Y.....	512,000	563,000	103
N. C.....	1,179,000	1,297,000	105
OHIO.....	2,145,000	2,500,000	109
OKLA.....	3,400,000	3,400,000	100
OREGON.....	632,000	692,000	105
PENN.....	1,530,000	1,683,000	103
S. C.....	270,000	297,000	105
S. D.....	182,000	182,000	111
TENN.....	901,000	1,010,000	110
TEXAS.....	1,730,000	1,730,000	107
UTAH.....	256,000	275,000	105
VA.....	1,463,000	1,609,000	105
WASH.....	1,156,000	850,000	180
W. VA.....	355,000	390,000	105
WIS.....	112,000	112,000	100
WYO.....	84,000	92,000	105
U. S.....	44,640,000	47,206,000	107

NOTE—States that suffered from drouth conditions were not asked to increase wheat acreage. In Michigan, Wisconsin, Minnesota and South Dakota, larger increase of winter wheat acreage is not suggested, because of heavy increases suggested for rye. The actual planting of fall wheat crop of 1919 is estimated at 42,170,000 acres.

WHEAT ON FARMS, 1915, 1916, 1917.

This table shows the amount of wheat reported as being on farms on the 1st of March for several years. A separate table shows the amount of wheat on farms on March 1st, 1918.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
PENN.....	5,462,000	8,612,000	4,702,000
MD.....	2,368,000	2,568,000	2,048,000
VA.....	2,598,000	4,222,000	2,925,000
N. C.....	2,126,000	2,551,000	1,796,000
OHIO.....	8,038,000	12,058,000	3,240,000
IND.....	6,486,000	10,028,000	2,527,000
ILL.....	5,550,000	9,576,000	1,460,000
MICH.....	3,983,000	5,725,000	2,448,000
MINN.....	10,314,000	19,844,000	5,787,000
IOWA.....	3,013,000	4,656,000	1,672,000
MO.....	6,933,000	5,798,000	1,492,000
N. D.....	15,502,000	39,512,000	11,011,000
S. D.....	6,945,000	17,853,000	5,958,000
NEB.....	10,899,000	23,436,000	15,081,000
KAS.....	30,124,000	25,569,000	10,782,000
KY.....	1,254,000	1,188,000	641,000
TEXAS.....	1,547,000	2,813,000	924,000
OKLA.....	4,793,000	5,052,000	1,775,000
MONT.....	3,488,000	10,545,000	4,871,000
COLO.....	2,036,000	3,167,000	2,020,000
IDAHO.....	2,442,000	3,933,000	2,110,000
WASH.....	5,021,000	7,713,000	4,516,000
OREGON.....	1,826,000	3,004,000	2,737,000
U. S....	152,903,000	244,448,000	101,365,000
U. S., on Farms, March 1st, 1918..			111,272,000

WINTER WHEAT CROP—1918.

Between the first and last estimates for crop of 1918 there was a considerable reduction, and the result was disappointing, because much was hoped for. The winter wheat crop of 1914 was a hard mark to contend against.

State.	Acres Harvested.	Early Estimate, Bushels.	Late Estimate, Bushels.
ALA.....	140,000	1,637,000	1,330,000
ARIZ.....	38,000	942,000	999,000
ARK.....	285,000	3,475,000	3,420,000
CALIF.....	416,000	6,469,000	6,240,000
COLO.....	430,000	9,572,000	7,095,000
CONN.....	133,000	1,796,000	1,729,000
DEL.....	133,000	1,796,000	1,729,000
FLA.....	381,000	4,476,000	3,886,000
GA.....	290,000	8,213,000	6,380,000
IDAHO.....	2,524,000	51,553,000	54,266,000
ILL.....	2,619,000	50,809,000	54,999,000
IND.....	399,000	8,411,000	8,180,000
IOWA.....	6,730,000	97,114,000	92,874,000
KAS.....	933,000	13,808,000	12,129,000
KY.....	131,000	1,063,000	1,085,000
LA.....	700,000	10,603,000	10,850,000
MAINE.....	73,000	846,000	929,000
MD.....	73,000	1,232,000	1,460,000
MASS.....	34,000	530,000	561,000
MICH.....	2,846,000	49,999,000	48,951,000
MINN.....	682,000	16,692,000	8,134,000
MISS.....	2,821,000	43,049,000	35,266,000
MO.....	5,000	134,000	145,000
MONT.....	176,000	1,578,000	1,581,000
NEB.....	93,000	2,872,000	1,760,000
NEV.....	435,000	7,526,000	7,612,000
N. H.....	1,155,000	13,319,000	8,662,000
N. J.....	73,000	846,000	929,000
N. M.....	176,000	2,872,000	1,760,000
N. Y.....	435,000	7,526,000	7,612,000
N. C.....	1,155,000	13,319,000	8,662,000
N. D.....	2,038,000	35,816,000	38,722,000
OHIO.....	2,611,000	32,267,000	32,638,000
OKLA.....	551,000	12,811,000	10,469,000
OREGON.....	1,454,000	23,730,000	24,718,000
PENN.....	1,454,000	23,730,000	24,718,000
R. I.....	265,000	3,031,000	2,915,000
S. C.....	131,000	2,227,000	2,227,000
S. D.....	823,000	10,321,000	8,230,000
TENN.....	892,000	8,340,000	8,920,000
TEXAS.....	239,000	4,782,000	4,422,000
UTAH.....	1,448,000	20,851,000	17,376,000
VA.....	401,000	10,466,000	9,424,000
WASH.....	348,000	5,168,000	4,837,000
W. VA.....	62,000	1,092,000	1,553,000
WIS.....	76,000	1,788,000	1,824,000
WYO.....			
U. S.....	36,392,000	586,915,000	555,725,000

FAKM TENURE—WHITE AND COLORED.

There were 6,361,502 farms in the United States in the last census year. Of the total 5,440,619 were conducted by white farmers and 920,993 were conducted by colored farmers. Of white farmers in ten years there was an increase of 9.5 per cent., or 471,011 farms, and there was an increase of 19.9 per cent. of colored farmers, or 153,119 farms:

Tenure.	WHITE FARMERS.		Per Increase.
	Year. 1900.	Year. 1910.	
Owners.....	3,025,931	3,159,088	133,157 4.4
Part Owners.....	420,875	548,413	127,538 30.3
Managers.....	57,261	56,560	-701-12
On Shares.....	988,539	1,140,215	151,676 15.3
Cash Rent.....	477,002	536,343	59,341 12.4
Total U. S.....	4,969,608	5,140,619	471,011 9.5
Tenure.	COLORED FARMERS.		Per Increase.
	Year. 1900.	Year. 1910.	
Owners.....	176,016	195,809	19,793 11.2
Part Owners.....	30,501	45,412	14,911 48.9
Managers.....	1,824	1,544	-280 15.4
On Shares.....	281,700	388,174	103,414 36.3
Cash Rent.....	274,603	289,944	15,218 5.6
Total U. S.....	767,764	920,883	153,119 19.9
All Farms.....	5,737,372	6,361,502	624,130 10.9

In the year 1712 Naraldi, of Nice, invented glass bee hives, enabling naturalists to study the in-door proceedings of bees.

In the year 1714 Father Jartoux, a missionary among the Chinese, published a description of a Tartarian plant called Ginseng.

Sweet Potatoes, 1915-1916.

The sweet potato crop of 1914 was 56,574,000 bushels; of 1915 it was 75,639,000 bushels; and in 1916 the crop was 70,955,00 bushels. The area in 1914 was 603,000 acres; in 1915 the area was 731,000 acres; and in 1916 the ground devoted to raising sweet potatoes was 774,000 acre.

State.	1915.		1916.	
	Yield Per Acre, Bushels.	Pro-duction, Bushels.	Yield Per Acre, Bushels.	Pro-duction, Bushels.
ALA.....	90	7,200,000	74	6,290,000
ARK.....	130	3,900,000	91	3,185,000
CAL.....	135	810,000	160	960,000
DEL.....	135	675,000	125	625,000
FLA.....	112	2,675,000	100	2,500,000
GA.....	85	8,075,000	80	7,520,000
ILL.....	110	880,000	90	720,000
IND.....	104	208,000	100	300,000
IOWA.....	95	285,000	91	273,000
KAS.....	110	440,000	92	368,000
KY.....	105	1,050,000	90	900,000
LA.....	92	5,980,000	90	5,760,000
MD.....	130	1,040,000	126	1,134,000
MISS.....	110	8,250,000	82	6,314,000
MO.....	100	700,000	70	490,000
N. J.....	155	3,565,000	100	2,300,000
N. C.....	105	8,925,000	107	9,309,000
OHIO.....	95	95,000	99	99,000
OKLA.....	115	1,380,000	74	962,000
PENN.....	105	105,000	100	100,000
S. C.....	105	6,825,000	86	5,676,000
TENN.....	105	2,835,000	100	2,700,000
VA.....	110	3,740,000	130	5,070,000
W. VA.....	110	220,000	140	280,000
U. S. . .	103.5	75,639,000	91.7	70,955,000

SWEET POTATOES—1917.

The 1917 crop of sweet potatoes, as estimated by the United States Department of Agriculture, is a large crop. Georgia shows largely increased production, and the general average per acre is much the same as in 1916. The acreage increased from 774,000 in 1916 to 953,000 acres in 1917.

State.	1917.	
	Planted Acres.	Yield Per Acre, Bushels.
ALA.....	178,000	90
ARK.....	40,000	110
CALIF.....	5,000	167.0
DEL.....	5,000	112.0
FLA.....	35,000	100.0
GA.....	125,000	93.0
ILL.....	8,000	97.0
IND.....	3,000	106.0
IOWA.....	3,000	90.0
KAS.....	4,000	92.0
KY.....	12,000	95.0
LA.....	62,000	79.0
MD.....	10,000	118.0
MISS.....	85,000	65.0
MO.....	8,000	112.0
N. J.....	24,000	120.0
N. C.....	2,000	118.0
N. C.....	90,000	95.0
OHIO.....	1,000	95.0
OKLA.....	15,000	90.0
PENN.....	1,000	110.0
S. C.....	80,000	95.0
TENN.....	30,000	95.0
TEXAS.....	84,000	78.0
VA.....	40,000	104.0
W. VA.....	2,000	140.0
U. S.....	953,000	91.4

THE ORANGE RESULTS—1917.

Here we have a table showing the results in orange growing in Florida and California. The relative importance of California and Florida as orange-growing states can be ascertained from this table:

State.	1915.		1916.		1917.	
	Boxes.	Boxes.	Boxes.	Boxes.	Boxes.	Boxes.
FLA.....	6,150,000	6,933,000	8,400,000			
CALIF.....	15,050,000	17,500,000	8,632,000			
Total.....	21,200,000	24,433,000	12,832,000			

SWEET POTATOES—CROP OF 1918.

Sweet potatoes increased in acreage and production, 1917 and 1918 being the banner years. The largest production per acre was in 1915 and the largest acreage in 1918.

State.	Per Cent.		Pro-duction, Bushels.
	Planted, Acres.	1917.	
ALA.....	190,000	107	16,568,000
ARK.....	37,000	92	3,120,000
CALIF.....	6,000	104	940,000
DEL.....	5,000	97	599,000
FLA.....	38,000	110	4,166,000
GA.....	129,000	103	11,349,000
ILL.....	8,000	97	734,000
IND.....	3,000	100	307,000
IOWA.....	3,000	90	283,000
KAS.....	4,000	100	288,000
KY.....	11,000	94	1,041,000
LA.....	60,000	97	4,284,000
MD.....	10,000	100	1,250,000
MISS.....	89,000	105	8,117,000
MO.....	8,000	102	699,000
N. J.....	23,000	96	2,893,000
N. M.....	2,000	100	272,000
N. C.....	81,000	90	8,081,000
OHIO.....	1,000	100	103,100
OKLA.....	15,000	101	794,100
PENN.....	1,000	101	108,000
S. C.....	80,000	100	7,387,000
TENN.....	28,000	95	2,576,000
TEXAS.....	87,000	104	4,902,000
VA.....	38,000	96	4,085,000
W. VA.....	2,000	100	218,000
U. S.....	959,000	101	85,473,000

FLAXSEED CROP OF 1918.

Flaxseed in a general way is a decreasing crop, and the crop of 1918 was not much over half the crop of 1912, when 2,851,000 acres were planted and 28,073,000 bushels were harvested.

State.	Per Cent.		Pro-duction, Bushels.
	Planted, Acres.	1917.	
COL.....	13,000	106	137,000
IOWA.....	32,000	95	157,000
KAS.....	235,000	106	2,447,000
MINN.....	6,000	102	42,000
MO.....	578,000	137	3,487,000
NEB.....	7,000	140	66,000
N. D.....	955,000	99	7,879,000
S. D.....	140,000	100	1,365,000
WYO.....	3,000	100	26,000
U. S.....	1,967,000	109	15,606,000

CLOVER SEED—1918.

State.	Per Cent.		Pro-duction, Bushels.
	Planted, Acres.	1917.	
IDAHO.....	19,000	105	97,900
ILL.....	97,000	135	172,000
IND.....	155,000	115	231,000
IOWA.....	21,000	125	30,000
KAS.....	7,000	90	12,000
MICH.....	93,000	116	160,000
MINN.....	18,000	73	34,000
MO.....	42,000	85	60,000
NEB.....	4,000	120	7,000
N. Y.....	5,000	104	11,000
OHIO.....	231,000	105	310,000
OREGON.....	8,000	50	19,000
PENN.....	12,000	115	17,000
TENN.....	6,000	107	10,000
WIS.....	78,000	60	161,000
U. S.....	819,000	100	1,383,000

SUGAR BEETS—1918.

State.	1918.		1917.
	Acres Planted.	Pro-duction, Tons.	
CALIF.....	120,900	1,102,000	1,331,000
COLO.....	142,000	1,441,000	1,858,000
IDAHO.....	37,000	347,000	312,000
MICH.....	134,500	1,011,000	524,000
OHIO.....	36,100	319,000	220,000
UTAH.....	90,100	1,094,000	762,000
OTHER.....	128,400	1,144,000	973,000

Total..... 689,700 6,458,000 5,980,000

The tax derived from tobacco exports in the year 1876 amounted to £120,000 English money, or, in round figures, \$700,000 in American money of the present day.

Milo Maize and Kafir Corn.

These crops have seldom been enumerated. They are in one class. In 1899 the census reported 266,513 acres devoted to the production of these crops and resulting in a production of 5,169,113 bushels. In 1909 the acreage was increased to 1,635,153 and the production to 17,597,305 bushels.

State.	Acreage, 1899.	Acreage, 1909.	Bush- els, 1899.	Bush- els, 1909.
ALA....	4	140	90	1,716
ARIZ....	1	801	50	18,739
ARK....	109	1,294	1,722	15,284
CALIF..	20,218	41,308	420,452	938,049
COLO....	18	11,971	302	139,234
CONN....	.....	4	.....	105
DEL....	2	1	65	25
FLA....	.....	16	.....	422
GA....	26	15	369	237
IDAHO..	.....	9	.....	140
ILL....	34	415	808	7,739
IND....	3	179	27	3,223
IOWA....	66	142	1,408	3,081
KAS....	154,706	388,495	3,063,781	5,115,415
KY....	.....	190	.....	2,404
LA....	.....	213	.....	2,132
MAINE..	.....	.....	.....	.....
MD....	1	19	6	238
MASS....	.....	21	.....	1,317
MICH....	.....	84	.....	1,786
MINN....	43	75	1,096	3,335
MISS....	9	44	277	794
MO....	1,990	13,543	38,497	228,386
MONT....	.....	53	.....	1,253
NEB....	742	2,016	13,607	20,212
NEV....	.....	15	.....	385
N. H....	.....	23	.....	1,436
N. M....	138	63,570	4,473	543,350
N. Y....	.....	227	.....	5,082
N. C....	2	65	8	599
N. D....	25	23	375	444
OHIO....	12	82	90	1,920
OKLA....	65,418	532,515	1,136,772	4,658,752
ORE....	4	24	134	617
PENN....	1	283	14	5,129
R. I....	.....	.....	.....	.....
S. C....	.....	8	.....	135
S. D....	21	139	280	1,411
TENN....	10	119	257	1,530
TEXAS..	22,813	573,384	482,096	5,860,444
UTAH....	.....	.....	.....	.....
VT....	.....	.....	.....	.....
VA....	9	80	170	1,438
WASH....	.....	4	.....	47
W. VA....	.....	26	.....	467
WIS....	88	425	1,877	8,100
WYO....	.....	17	.....	410

Total. 266,513 1,635,750 5,169,113 17,597,305

KAFIR-CORN REPORT.

The following is an Agricultural Department estimate of the Kafir corn produced in the years 1915, 1916 and 1917:

State.	1915.	1916.	1917.
KAS....	35,100,000	13,320,000	31,890,000
TEXAS..	40,000,000	26,400,000	14,766,000
OKLA....	30,950,000	7,798,000	22,400,000
COLO....	1,650,000	700,000	1,320,000
N. M....	5,400,000	3,960,000	3,510,000
ARIZ....	1,360,000	1,680,000	1,980,000
U. S.....	114,460,000	53,858,000	75,866,000

In 1636 Roger Williams settled what is now the state of Rhode Island.

About the year 1636, in the colony of Massachusetts Bay, a red calf came to be cheaper than a black one on account of the greater liability to be mistaken for a deer and killed by the wolves. This is from Kettell's Chatter on Agriculture in the United States.

In March of the year 1630 the Colonial Assembly of Virginia determined the cash value of tobacco for the first time in history. The price was six pence, equal to twelve cents, per pound.

Timothy, Clover and Millets.

This is a basic table from the last census, showing the amount of timothy hay, timothy and clover mixed, also straight clover and the millets (including Hungarian grass) grown in the United States in a normal year, as follows:

State.	Timothy, Tons.	Mixed, Tons.	Clover, Tons.	Millets, Tons.
ALA....	4,566	4,169	7,544	15,228
ARIZ....	182	289	119	791
ARK....	35,113	72,190	18,369	14,652
CAL....	20,001	73,183	20,836	2,688
COL....	33,482	84,656	3,695	35,203
CONN....	82,083	147,896	2,562	4,519
DEL....	22,538	31,387	27,467	1,081
D. C....	287	328	15	4
FLA....	747	1,201	1,618	936
GA....	3,237	4,153	2,266	3,985
IDA....	140,134	99,864	20,944	1,071
ILL....	1,947,572	1,123,254	539,790	46,918
IND....	1,442,218	524,385	314,818	25,147
IA....	1,952,956	3,732,186	195,579	54,346
KAS....	144,536	357,159	79,144	290,661
KY....	353,239	204,865	80,688	35,951
LA....	1,331	4,597	15,287	858
ME....	143,855	559,293	5,753	16,793
MD....	159,690	215,052	32,942	2,819
MASS....	153,622	249,317	3,145	15,276
MICH....	929,165	1,991,618	216,862	16,349
MINN....	1,101,510	1,433,075	106,334	50,353
MISS....	1,620	2,604	12,000	2,390
MO....	1,334,556	1,630,211	309,209	141,626
MONT....	171,030	156,039	24,094	4,742
NEB....	138,729	470,764	46,648	160,684
NEV....	21,395	26,157	120	467
N. H....	83,412	203,106	3,292	9,251
N. J....	146,700	236,490	9,475	1,921
N. M....	3,233	2,650	410	10,637
N. Y....	1,159,083	3,215,021	114,864	31,147
N. C....	16,011	39,050	39,445	3,529
N. D....	197,947	39,724	1,386	149,420
OHIO....	2,348,660	1,346,347	239,492	12,104
OKLA....	9,817	6,355	2,214	75,591
ORE....	67,239	129,278	83,909	1,690
PENN....	1,200,073	1,830,352	74,096	10,675
R. I....	21,892	28,292	295	1,392
S. C....	1,654	237	536	1,676
S. D....	248,927	218,371	4,194	65,844
TENN....	130,834	236,650	201,923	76,311
TEX....	916	468	878	95,352
UTAH....	34,214	24,113	1,703	876
VT....	179,847	628,098	6,640	13,667
VA....	169,881	366,744	63,056	14,580
WASH....	143,461	253,194	21,923	421
W. VA....	278,074	249,986	6,514	8,906
WIS....	1,110,446	2,477,311	193,786	9,851
WYO....	44,655	16,328	808	6,252

Total 17,985,420 24,748,555 3,158,324 1,546,533

SUGAR CANE AREA, 1909-18.

The following acreage is for ribbon cane only—not for sorghum—and is by the United States Department of Agriculture:

State.	Area, 1918, 1900, Prelim- (Census), Inary).
NORTH CAROLINA.....	Area, 1918, 1900, Prelim- (Census), Inary).
SOUTH CAROLINA.....	Area, 1918, 1900, Prelim- (Census), Inary).
GEORGIA.....	Area, 1918, 1900, Prelim- (Census), Inary).
FLORIDA.....	Area, 1918, 1900, Prelim- (Census), Inary).
ALABAMA.....	Area, 1918, 1900, Prelim- (Census), Inary).
MISSISSIPPI.....	Area, 1918, 1900, Prelim- (Census), Inary).
LOUISIANA.....	Area, 1918, 1900, Prelim- (Census), Inary).
TEXAS.....	Area, 1918, 1900, Prelim- (Census), Inary).
ARKANSAS.....	Area, 1918, 1900, Prelim- (Census), Inary).
OTHER STATES.....	Area, 1918, 1900, Prelim- (Census), Inary).

Total United States..... 476,849 533,880

The "White Turk," a Turkish stallion, owned by Mr. Place, stud groom to Lord Protector Cromwell, in 1650, is credited with being one of the originators of the thoroughbred horse.

In 1652, Cape Colony, South Africa, was first colonized under Van Riebeeck. The sheep which the European discoverers found in Cape Colony were the flat-tailed sheep, strongly resembling the well-known Persian variety.

Sugar Beets.

Although sugar beets are raised largely in a few states, it is proper to show the entire production, no matter how small it may be in some states. When the last census was taken, beets were produced on 35,682 farms, and the acreage devoted to sugar beet raising was 354,093. The production in tons was 3,932,857, of which 30,876 tons were used as root forage and 3,902,071 tons were used for the manufacture of beet sugar. This industry had made a tremendous increase in ten years. At the previous census 14,035 farms were producing beets, the acreage was 110,170, and the production was 793,353 pounds.

State.	Farms Reporting.	Area, Acres.	1910. Production, Tons.	Used as Forage.	Used For Sugar.
ALA.	12	18	43	43	.....
ARIZ.	67	4,443	49,630	6	49,624
ARK.	155	244	468	468	.....
CAL.	1,113	78,957	845,191	1,922	843,269
COL.	4,898	108,082	1,231,712	994	1,230,718
CONN.	3	3	25	25	.....
DEL.	.....	.....	.....	.....	.....
D. C.	.....	.....	.....	.....	.....
FLA.	2	2	3	3	.....
G.A.	75	49	164	164	.....
IDA.	1,037	15,601	179,661	23	179,638
ILL.	293	1,181	14,981	65	14,916
IND.	109	756	7,194	646	6,548
IA.	247	1,051	7,117	155	6,962
KAS.	210	5,851	50,736	151	50,585
KY.	160	192	675	675	.....
LA.	3	1	15	15	.....
ME.	43	21	198	198	.....
MD.	8	5	81	81	.....
MASS.	65	74	742	742	.....
MICH.	14,690	78,779	707,639	649	706,990
MINN.	774	2,238	24,140	384	23,756
MISS.	30	19	69	69	.....
MO.	106	180	506	506	.....
MONT.	369	8,804	109,434	658	108,776
NEB.	327	4,191	39,874	118	39,756
NEV.	4	3	36	36	.....
N. H.	3	3	125	125	.....
N. J.	28	36	529	529	.....
N. M.	29	55	239	72	167
N. Y.	376	1,313	10,990	930	10,060
N. C.	32	39	85	85	.....
N. D.	4	3	59	59	.....
OHIO	1,129	7,036	63,696	150	63,546
OKLA.	101	207	359	359	.....
ORE.	208	1,176	15,606	9,093	6,513
PENN.	71	57	800	800	.....
R. I.	2	3	3	3	.....
S. C.	37	52	95	95	.....
S. D.	9	5	28	28	.....
TENN.	123	167	429	429	.....
TEX.	161	293	611	611	.....
UTAH	3,644	27,472	413,946	135	413,811
VT.	11	5	46	46	.....
VA.	36	20	94	94	.....
WASH.	381	1,820	13,794	7,238	6,556
W.VA.	10	.....	45	45	.....
WIS.	4,341	12,379	127,526	880	126,646
WYO.	136	1,207	13,418	184	13,234
Total.	35,682	364,093	3,932,857	30,786	3,902,071
1900.	14,035	110,170	793,353	.....	.....

Permanent settlements in the tract of land south of Virginia, called Carolina, in honor of Charles II., of England, are dated 1670.

In the year 1672 John Josselyn published a book entitled "New England Rarities," discovered in birds, beasts, fishes, serpents and plants of that country.

In 1639 it was reported that one man made 500 barrels of cider in New York state, indicating earlier general planting of apple trees in this country.

Sugar From Sugar Beets.

In considering the status of the sugar beet industry we find that the average size of a sugar beet acreage on a farm is 10.2 acres, although in some states it is much larger; the yield per acre averaged 10.80 tons, the value per ton averaged \$5.06, the average value per acre was \$54.60, and the total value of the crop was \$19,880,724. Ten years previous the average acreage per farm was 7.8, the average yield per acre was 7.20 tons, the value per ton was \$4.19, the value per acre was \$30.16, the total value of that crop was \$3,323,240. The entire Colorado sugar beet industry appears to have grown between 1900 and 1910.

State.	1909. Average Acre, Per Farm.	Yield Per Acre, Tons.	Value Per Ton.	Value Per Acre.	Value of Crop.
ALA.	1.5	2.39	\$ 9.19	\$ 21.94	\$ 395
ARIZ.	6.63	11.17	4.78	53.34	236,997
ARK.	1.6	1.92	8.43	16.17	3,945
CALIF.	70.9	10.70	5.11	54.72	4,320,532
COLO.	2.21	11.40	4.92	56.08	6,061,152
CONN.	.....	.....	.....	.....	.....
DEL.	1.0	8.33	7.44	62.00	186
D. C.	.....	.....	.....	.....	.....
FLA.	1.0	1.50	20.00	30.00	60
G.A.	0.7	3.35	8.45	28.27	1,385
IDAHO	15.0	11.52	4.53	52.15	813,604
ILL.	4.0	12.69	5.19	65.82	77,732
IND.	6.9	9.52	5.68	54.05	40,861
IOWA.	4.3	6.77	4.92	33.32	35,024
KAS.	27.9	8.67	5.05	43.80	256,262
KY.	1.2	3.52	5.84	20.75	3,939
LA.	0.3	15.00	16.00	240.00	240
MAINE.	0.5	9.43	9.16	86.38	1,814
MD.	0.6	16.20	6.68	108.20	541
MASS.	1.1	10.03	12.49	125.26	9,269
MICH.	5.4	8.98	5.67	50.95	4,014,123
MINN.	2.9	10.79	4.91	53.00	118,625
MISS.	0.6	3.63	9.42	34.21	650
MO.	1.7	2.81	5.74	16.14	2,905
MONT.	23.9	12.43	5.00	62.11	546,832
NEB.	12.8	9.51	4.52	43.01	180,247
NEV.	0.8	12.00	5.53	66.33	199
N. H.	1.0	41.67	8.04	335.00	1,005
N. J.	1.3	14.69	4.94	72.64	2,615
N. M.	1.9	4.35	6.24	27.13	1,492
N. Y.	3.5	8.37	5.39	45.09	59,200
N. C.	1.2	2.18	7.46	16.26	634
N. D.	0.8	19.67	6.27	123.33	370
OHIO.	6.2	9.05	5.02	45.43	319,667
OKLA.	2.0	1.73	7.56	13.12	2,715
ORE.	5.7	13.27	4.80	63.69	74,902
PENN.	0.8	14.04	7.28	102.21	5,826
R. I.	1.5	1.90	13.33	13.33	40
S. C.	1.4	1.83	12.51	22.85	1,188
S. D.	0.6	5.60	5.86	32.80	164
TENN.	1.4	2.57	6.55	16.83	2,810
TEXAS.	1.8	2.09	9.69	20.20	5,919
UTAH.	7.5	15.07	4.49	67.65	1,858,600
VT.	0.5	9.20	7.00	64.40	322
VA.	0.6	4.70	9.26	43.50	870
WASH.	4.3	7.53	6.23	47.23	85,954
W. VA.	.....	.....	7.31	.....	329
WIS.	2.9	10.30	5.23	53.90	667,185
WYO.	8.9	11.12	4.58	50.87	61,398
Average	10.2	10.80	\$ 5.06	\$ 54.60	\$19,880,724

An apple tree planted by Peregrine White, the first white child born in New England. Says the author of "Pilgrim Memorials," written in 1653: "It still produces apples, and the orchard in which it grows is now owned by his descendants, near the lot which he occupied in Marshfield."

Rye as a field crop was first grown in America in New England in 1648.

"The Improver Improved," an agricultural work by Blythe in England in 1649, recommends that turnip cultivation should be extended from the kitchen garden to the field as food for stock.

The Crop of Sorghum Cane.

In the year 1909—the season the last census was based upon—445,684 farms grew sorghum cane, which was seven per cent. of all farms. The total production was 1,647,262 tons, grown upon 444,089 acres. Of the total production 270,775 tons were used as coarse forage and 1,376,487 ton were worked into sorghum syrup. The value of sorghum cane increased from \$3.20 in 1899 to \$6.18 in 1909.

1909.

State.	Farms Re- porting.	Area, Acres.	Forage, Tons.	For Yield Making Per Syrup, Acre, Tons.
ALA...	24,545	17,819	4,799	67,589
ARIZ...	122	586	1,122	329
ARK...	31,952	33,071	10,082	83,041
CALIF.	48	647	2,833	188
COLO.	324	3,169	6,987	174
CONN.	17	9	121	13.44
DEL...	117	66	6	266
D. C.				4.12
FLA...	212	379	159	2,014
GA...	22,098	15,612	4,134	60,262
IDA...	14	29	229	24
ILL...	21,971	15,039	866	89,421
IND...	22,116	12,253	2,072	77,600
IOWA.	5,364	6,225	4,360	24,397
KAS...	2,951	15,406	26,377	34,414
KY...	57,435	62,327	27,899	198,404
LA...	3	1,690	1,388	4,685
ME...	92	8	97	12.13
MD...	12	75	66	209
MASS.	1	3	30	10.00
MICH.	1,251	416	608	2,157
MINN.	3,677	1,709	396	12,857
MISS...	19,312	17,851	5,032	50,327
MO...	42,230	15,088	24,441	176,765
MONT.	9	17	19	18
NEB...	732	4,034	9,254	1,223
NEV...	12	14		100
N. H.				1.19
N. J...	3			440
N. M.	422	2,371	2,379	20
N. Y...	56	143	621	20
N. C...	41,620	21,227	1,709	84,753
N. D...	8	26	122	6
OHIO.	11,900	4,709	507	28,137
OKLA.	10,758	25,546	29,404	35,195
ORE...	85	153	1,654	133
PENN.	121	90	100	206
R. I...				3.27
S. C...	10,892	8,445	5,241	22,371
S. D...	91	297	654	197
TENN.	47,130	52,907	22,573	183,328
TEX...	24,872	55,027	70,789	30,902
UTAH.	155	340	27	1,627
VT...	1	2	4	2.00
VA...	16,808	8,288	574	40,875
WASH.	85	695	3	11.64
W. VA.	16,720	8,607	3	48,091
WIS...	5,436	2,281	237	13,498
WYO...	4	22	103	6.02
Total.	445,684	444,089	270,775	1,376,487

3.71

Sorghum Syrup.

This tabulated statement shows the farm production of sorghum syrup for four different census years, ten years apart, showing quite a decrease in sorghum syrup making. In 1879 the amount of sorghum syrup made was 28,444,202 gallons, and thirty years later the production is only 16,532,382 gallons. The year 1909 was a bad weather year for sorghum, reducing the average of 6.52 tons per acre in 1899 to 3.71 tons per acre in 1909.

SORGHUM SYRUP MADE ON FARMS—GALLONS.

State.	1879.	1889.	1899.	1909.
ALA...	1,163,451	1,242,689	1,168,868	809,361
ARIZ...	5,771	4,388	9,031	3,967
ARK...	1,118,264	1,868,952	1,223,691	1,140,532
CALIF.	2,459	1,670	8,671	4,330
COLO.	3,227	19,964	2,661	2,547
CONN.	1,163	214		
DEL...	25,136	3,371	8,952	4,517
D. C.				
FLA...	10,199	10,461		22,177
GA...	981,152	1,342,803	767,024	740,450
IDA...	36	3,093	1,393	407
ILL...	2,265,993	1,110,183	625,939	977,238
IND...	1,741,853	751,808	579,061	965,086
IOWA.	2,064,020	1,386,605	521,212	250,205
KAS...	1,429,476	1,484,937	735,787	260,680
KY...	2,962,965	2,094,962	1,277,206	2,733,683
LA...	33,777	107,763	48,727	47,029
ME...		152		
MD...	19,827	4,732	4,058	1,782
MASS.	18	45		
MICH.	102,500	45,524	24,059	21,350
MINN.	513,369	340,792	157,605	145,934
MISS...	1,062,140	972,216	1,162,269	622,356
MO...	4,129,595	2,721,240	1,990,987	1,788,391
MONT.			100	223
NEB...	246,047	634,146	92,413	14,644
NEV...	350	930	1,465	1,266
N. H.		50		
N. J...	1,261	281	450	35
N. M.	251	3,510	2,812	5,289
N. Y...	1,134	8,305	973	14
N. C...	964,662	1,268,946	1,419,570	1,099,346
N. D...	17,012	10	114	102
OHIO.	1,229,852	547,630	341,523	354,131
OKLA.		31,299	179,272	514,807
ORE...	2,283	2,706	2,473	1,374
PENN.	69,767	33,708	6,514	2,585
R. I...				
S. C...	281,242	559,216	478,190	262,452
S. D...	16,000	29,372	9,859	2,030
TENN.	3,776,212	2,542,533	2,047,655	2,076,339
TEX...	432,059	1,749,910	877,232	448,185
UTAH.	58,221	24,293	28,017	21,847
VT...				
VA...	564,558	546,328	555,321	441,189
WASH.	1,472	1,125	438	634
W. VA.	817,168	512,747	450,777	604,201
WIS...	314,150	219,070	160,414	139,667
WYO...		120		
Total.	28,444,202		16,972,783	
Total.		24,235,219		16,532,382

16,532,382

Rice Production, 1915-1916.

One of the few crops which exhibited a substantial increase in production in 1916 was rice. The crop of 1914 was 23,649,000 bushels; in 1915 the crop was 28,947,000 bushels; and in 1916, 41,982,000 bushels.

State.	Bu.	Bu.	Pro- duction, 1915.	Pro- duction, 1916.	Value Per Acre, 1915.	Value Per Acre, 1916.
ALA.	25.0	25.0	8,000	8,000	18.75	18.75
ARK.	48.4	50.0	4,840,000	6,312,000	45.98	48.48
CAL.	66.7	67.3	2,268,000	4,543,000	60.00	52.26
FLA.	25.0	25.0	12,000	18,000	18.75	18.75
GA...	29.3	30.0	26,000	16,000	25.78	17.40
LA...	34.2	46.0	13,714,000	20,392,000	30.78	41.40
MISS.	25.0	28.0	45,000	53,000	22.00	22.40
MO...	50.0	51.0	10,000	10,000	50.00	51.00
N. C.	21.0	21.0	4,000	4,000	17.85	17.85
S. C.	24.3	14.0	90,000	49,000	21.87	12.60
TEX.	30.5	45.0	7,930,000	10,575,000	27.14	38.70
Total	36.1	47.8	28,947,000	41,982,000	32.66	42.31

42.31

Grain Sorghums.

Herewith is an Agricultural Department memorandum relating to the production of grain sorghums, showing production of 1916 and estimate for 1917. The acreage planted in 1917 is 28.4 per cent. greater than in 1916 and the largest increase in acreage of 1916 is in Kansas.

State.	1915.	1916.	1917.	Total
KAS.	35,100,000	12,000,000	1,850,000	29,230,000
OKL.	30,950,000	8,000,000	1,396,000	29,316,000
TEX.	40,000,000	24,000,000	1,284,000	26,964,000
COL.	1,650,000	700,000	88,000	1,813,000
N. M.	5,400,000	3,960,000	216,000	5,141,000
ARIZ.	1,360,000	1,680,000	60,000	2,052,000

2,052,000

Production of Dry Peas.

In the year 1899 there were 417,864 farms producing dry peas (very largely known as cowpeas, black-eyed peas, etc.), and ten years later the farms producing was reduced to 261,231. The crop also was reduced from 9,440,210 bushels in 1899 to 7,129,294 bushels in 1909. Cowpeas are often grown on the same land as other crops, therefore the acreage figures are only estimates. As between these two census years there appears to be a great falling off in number of Southern farms growing cowpeas. The inference is that these legume crops are largely turned under as green manure.

State.	1899. Acre- age.	1899. Bushels.	1909. Farms.	1909. Acre- age.	1909. Bushels.
ALA.	91,126	665,388	26,905	85,034	418,007
ARIZ.	50	866	15	13	93
ARK.	31,414	245,894	13,821	52,730	229,444
CAL.	2,014	57,299	262	2,959	57,468
COLO.	3,621	47,461	832	24,280	258,281
CONN.	29	462	18	4	72
DEL.	518	4,650	523	1,615	12,521
D. C.					
FLA.	17,875	159,814	2,642	7,144	56,713
GA.	167,032	1,130,441	34,716	210,315	736,009
IDA.	170	2,506	59	234	4,875
ILL.	12,982	103,386	4,534	14,076	185,020
IND.	533	7,357	1,652	13,082	88,251
IOWA.	1,556	27,606	183	731	9,007
KAS.	151	2,006	114	825	5,235
KY.	8,394	83,989	1,732	8,465	44,772
LA.	15,190	146,298	6,330	33,159	161,659
ME.	2,300	35,991	1,039	537	4,963
MD.	947	12,459	350	742	5,603
MASS.	122	2,259	58	30	480
MIC.	71,376	1,134,431	18,128	94,932	1,162,403
MINN.	670	9,021	530	835	14,964
MISS.	39,490	590,037	20,021	73,090	285,768
MO.	5,319	54,763	3,462	23,036	109,357
MONT.	1,512	32,265	180	1,184	21,670
NEB.	126	1,586	26	26	169
NEV.	4	85			
N. H.	146	1,533	234	122	934
N. J.	45	806	43	91	883
N. M.	2,220	28,071	1,453	2,485	30,829
N. Y.	14,748	251,889	1,661	4,007	71,486
N. C.	88,407	876,167	39,726	169,934	651,567
N. D.	84	710	103	399	5,543
OKLA.	506	7,521	132	323	3,041
ORE.	455	5,045	1,612	6,245	33,282
PENN.	482	6,363	128	87	989
ORE.	1,304	22,615	155	436	9,734
R. I.	45	940	18	4	73
S. C.	143,070	1,162,705	35,660	265,632	711,853
S. D.	37	452	89	1,783	10,598
TEN.	82,841	760,663	10,175	36,640	133,924
TEX.	33,974	333,462	10,296	46,777	254,361
UTAH.	143	2,694	55	126	3,222
VT.	408	6,945	121	127	1,262
VA.	22,206	219,142	4,462	12,091	66,488
WASH.	357	91,899	915	3,196	91,032
W. VA.	323	3,613	93	232	1,490
WIS.	68,817	1,098,819	15,950	78,017	1,165,055
WYO.	13	232	18	326	9,231
Total	968,370		261,231		7,129,294
Total.		9,440,210		1,305,099	

The Yield of Flaxseed, 1916.

State.	Yield, Acre, Bushels.	Pro- duction, Bushels.	Acre- age Planted.	Pro- duction, Bushels.
COLO.	9.6	6,000	3,000	25,000
IOWA.	10.0	180,000	19,000	210,000
KAS.	5.8	174,000	34,000	248,000
MINN.	8.5	2,338,000	289,000	2,751,000
MO.	7.0	35,000	6,000	56,000
MONT.	9.5	3,088,000	422,000	1,924,000
NEB.	8.0	32,000	5,000	41,000
N. D.	10.3	8,137,000	964,000	4,643,000
S. D.	9.3	1,395,000	195,000	1,418,000
WIS.	12.0	60,000		
WYO.	7.0	14,000	2,000	19,000
U. S.	9.6	15,459,000	1,939,000	11,335,000

Production of Edible Beans.

Growing edible beans, such as navy beans, is largely confined to three states, but all states grow some. In 1899 Florida produced 176,304 bushels, but ten years later the production was only 31,835 bushels. The state of Maine also decreased from 137,290 bushels to 87,565 bushels. On the other hand, New Mexico, Colorado, Idaho, Minnesota and Wisconsin made good gains.

State.	1899. Acre- age.	1899. Bushels.	1909. Farms.	1909. Acre- age.	1909. Bushels.
ALA.	1,765	17,865	647	1,557	15,212
ARIZ.	805	6,673	776	2,301	18,457
ARK.	1,900	15,582	538	819	4,080
CAL.	45,861	658,515	3,054	157,987	3,328,218
COLO.	2,634	28,570	1,387	5,040	53,926
CONN.	341	6,428	717	208	2,845
DEL.	100	1,333	102	55	648
D. C.	1	12			
FLA.	9,189	176,304	424	2,647	31,835
GA.	1,927	17,489	1,329	2,947	16,546
IDA.	457	5,886	293	1,915	33,816
ILL.	3,451	30,122	627	1,153	6,866
IND.	2,999	30,171	1,982	1,721	15,238
IA.	2,427	24,903	973	615	5,699
KAS.	848	7,284	58	70	636
KY.	5,633	49,106	14,248	12,434	70,557
LA.	335	3,371	78	311	5,557
ME.	10,252	137,290	15,788	10,341	87,565
MD.	605	4,754	312	196	1,833
MASS.	629	7,939	1,252	446	4,979
MIC.	167,025	1,806,413	55,466	403,699	5,282,511
MINN.	3,299	36,317	4,587	4,697	62,322
MISS.	1,149	11,162	351	1,092	8,727
MO.	4,376	45,467	2,391	1,281	9,585
MONT.	101	1,110	140	342	3,338
NEB.	887	7,669	784	1,173	5,941
NEV.	33	536	15	14	222
N. H.	2,892	29,990	5,523	3,180	22,546
N. J.	201	2,888	291	403	2,947
N. M.	3,349	36,022	4,593	20,766	85,795
N. Y.	129,298	1,360,445	29,181	115,698	1,681,506
N. C.	5,381	49,518	6,574	5,521	35,937
N. D.	270	2,389	394	544	5,073
OHIO	1,828	19,042	2,108	1,139	13,665
OKLA.	755	6,130	224	575	2,520
ORE.	841	11,077	675	562	8,032
PENN.	2,182	23,957	3,326	1,269	12,021
R. I.	216	3,330	252	54	817
S. C.	1,657	14,925	517	1,528	6,825
S. D.	397	4,218	659	809	5,285
TEN.	5,663	48,736	5,312	3,398	19,526
TEX.	2,878	28,129	607	1,846	12,895
UTAH.	176	1,806	208	1,866	3,352
VT.	2,404	27,172	2,752	2,390	26,359
VA.	6,411	56,189	7,660	4,777	29,435
WASH.	296	3,830	266	353	3,311
W. VA.	5,221	52,815	8,626	8,111	39,794
WIS.	12,989	143,182	5,656	14,574	154,570
WYO.	26	285	211	273	1,876
Total	453,841		185,934		11,251,160
Total		5,064,490		802,991	

FLAX SEED CROP—1917.

In 1917 the acreage was large, compared with former years, but the crop was small. It was practically a third of a crop, and entirely due to adverse conditions, which farmers could not overcome.

Flax Seed State.	Planted Acres.	Per Acre.	Produc- tion, Bushels.
COLO.	2,000	7.0	14,000
IOWA.	12,000	11.0	132,000
KAS.	34,000	7.0	238,000
MINN.	220,000	9.0	1,980,000
MO.	6,000	8.5	51,000
MONT.	422,000	3.0	1,266,000
NEB.	5,000	5.5	28,000
N. D.	965,000	3.9	3,764,000
S. D.	140,000	7.0	980,000
WYO.	3,000	6.5	20,000
U. S.	1,809,000	4.7	8,473,000

In the year 1663, when the second charter was granted to Rhode Island by Charles II., King of England, it contained an inducement to anyone who would plant a vineyard.

Broom Corn Production.

In the year 1879 broom corn production was 29,470,825 pounds, and Illinois grew 11,645,101 pounds and Kansas came next with 5,683,018 pounds. In 1889 production was 38,556,329 pounds. Illinois produced 15,932,502 pounds, Kansas following with 10,809,434 pounds and Nebraska next with 6,514,763 pounds. In 1899 production was 90,947,370 pounds. Illinois produced 60,665,520 pounds, Kansas 11,813,310 pounds and Oklahoma 3,565,510 pounds. In the year 1909 total production was 78,959,958 pounds. Oklahoma produced 42,741,725 pounds, Illinois next with 19,309,425 pounds, and Kansas next with 8,768,853 pounds. We herewith present statement of production by states the last census year.

State.	1910.		Production, Pounds.	Value, Dollars.
	Farms Re-ported.	Acreage.		
ALA...	145	52	17,910	1,562
ARIZ...	1	14	6,000	400
ARIZ...	294	332	106,576	8,198
CAL...	24	1,023	614,250	32,500
COLO...	240	5,631	1,187,791	71,717
CONN...	2	.....	150	14
DEL...	21	13	4,198	492
GA....	8	22	7,067	694
ILL...	1,854	38,452	19,309,425	1,457,172
IND...	335	323	153,259	13,461
IA....	49	156	75,370	6,670
KAS...	1,728	41,064	8,768,853	593,947
KY....	1,041	342	157,286	13,641
LA....	263	320	92,208	7,285
MD...	291	19	18,599	2,006
MASS...	2	2	2,160	168
MICH...	9	4	2,200	233
MINN...	13	13	10,259	738
MISS...	43	154	60,574	5,548
MO...	1,225	5,339	1,174,536	115,243
NEB...	51	458	157,146	11,116
N. J...	10	11	6,760	658
N. M...	368	4,470	644,892	33,492
N. Y...	10	2	1,001	97
N. C...	128	15	6,493	549
N. D...	3	18	7,250	725
OHIO...	383	170	92,292	9,116
OKLA...	10,151	216,350	42,741,725	2,559,235
PENN...	727	103	45,582	5,253
S. C...	3	2	660	63
S. D...	14	64	35,400	3,408
TENN...	2,220	1,348	347,064	27,733
TEX...	531	9,448	2,368,490	140,533
UTAH...	1	.....	200	12
VA....	666	107	46,018	3,586
WASH...	5	183	45,040	2,905
W. VA...	397	45	30,456	3,229
WIS...	12	28	14,830	1,026
Total	23,238	326,102	78,959,958	5,134,434

BROOM CORN YIELD.

The following is the Agricultural Department yield of broom corn for the years 1915, 1916 and 1917:

State.	1915. Tons.	1916. Tons.	1917. Tons.
ILL.....	6,672	6,681	8,250
KAS.....	4,665	5,943	12,000
TEXAS...	1,595	847	688
OKLA....	34,760	22,420	26,250
COLO....	4,550	2,835	4,650
Total.....	52,242	38,726	51,838

We intend to place a copy of Agricultural Statistics on every farm in the United States. It will take work, time and money to do it.

BROOM CORN CROP OF 1917.

The five states growing broom corn produced 51,838 tons in the year 1897, of which Oklahoma produced more than half. Kansas also is becoming important in growing broom corn.

State.	Planted, Acres.	Yield Per Acre.	Production, Tons.
ILL.....	30,000	0.275	8,250
KAS.....	60,000	.200	12,000
TEAS.....	4,000	.172	688
OKLA....	175,000	.150	26,250
COLO....	30,000	.155	4,650
Total.....	299,000	0.173	51,838

Hops in the United States.

Hop growing in the United States is not a general industry, but the product has increased in value, so that the hop grower has a rich reward so long as it lasts. In 1879 the acreage was 46,800 and the production 26,546,378 pounds. In 1897 the acreage was 50,190 and the production was 39,152,220 pounds. In 1899 there were 7,633 farms reporting hop growing; the acreage was 56,613 and the production 49,209,704 pounds. In the year of the last census, 1909, only 3,957 farms reported growing hops; the acreage was reduced to 44,693 and the production was 40,718,748 pounds. The table compares the year 1899 with 1909.

State.	1899. Acreage.	1909. Acreage.	1899. Production.	1909. Production.
ALA....	1	2	440	100
ARIZ...	1	.....	600	.....
ARK....	1	.....	530	.....
CALIF..	6,890	8,391	10,124,660	11,994,953
CONN...	.....	1	.....	15
DEL....	.....	.....	.....	23
IDAHO...	63	.....	58,870	110
ILL....	2	.....	690	86
IND....	1	.....	640	56
IOWA...	.....	.....	120	2,625
KAS....	.....	.....	.....	10
KY....	4	6	1,688	4,005
LA....	.....	7	230	461
MASS...	13	.....	7,480	20
MICH...	10	.....	3,560	58
MINN...	.....	.....	5,510	372
MISS...	.....	.....	15	.....
MO....	1	2	383	296
NEB...	.....	.....	50	104
NEV...	.....	.....	100	.....
N. H...	.....	.....	60	.....
N. J...	.....	.....	75	38
N. Y...	27,532	12,023	17,332,349	8,677,138
N. C...	.....	1	85	763
OHIO...	3	18	2,910	2,428
ORE...	15,433	21,770	14,675,557	16,582,562
PENN...	13	.....	13,710	2,203
R. I...	.....	.....	40	.....
S. D...	.....	.....	50	.....
TENN...	.....	.....	307	220
VT....	6	.....	4,400	.....
VA....	.....	6	165	4,039
WASH...	5,296	2,433	6,813,830	3,432,504
W. VA...	1	.....	662	257
WIS...	342	30	165,346	13,290
Total	55,613	44,693	49,209,704	40,718,748

HOPS, 1917.

State.	Acres Planted.	Yield Per Acre.	Production, Pounds.
N. Y.....	4,500	640	2,880,000
WASH...	3,500	1,200	4,200,000
ORE....	10,000	500	5,000,000
CALIF..	11,900	1,320	15,788,000
Total.....	29,900	9,294	27,788,000

LIVE STOCK ON FARMS.**Totals For Census Years and Showing Comparisons From Year to Year.**

These figures represent the number of horses, mules, dairy cows, stockers and beef cattle, sheep and swine, as shown by the Census of 1900 and 1910 and estimated since then by the United States Department of Agriculture:

Date.	Number.
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DAIRY COWS IN THE U. S.

Census, 1850...	6,385,094
Census, 1860...	8,585,735
Census, 1870...	8,935,332
Census, 1880...	12,443,120
Census, 1890...	16,511,950
Census, 1900...	17,139,674
Census, 1910...	20,625,000
Jan. 1, 1911...	20,823,000
Jan. 1, 1912...	20,699,000
Jan. 1, 1913...	20,497,000
Jan. 1, 1914...	20,737,000
Jan. 1, 1915...	21,262,000
Jan. 1, 1916...	22,108,000
Jan. 1, 1917...	22,894,000
Jan. 1, 1918...	23,284,000

STOCKERS AND BEEF CATTLE.

Census, 1850...	4,393,813
Census, 1860...	17,034,284
Census, 1870...	14,885,276
Census, 1880...	23,382,391
Census, 1890...	34,851,622
Census, 1900...	50,682,662
Census, 1910...	41,178,000
Jan. 1, 1911...	39,679,000
Jan. 1, 1912...	37,260,000
Jan. 1, 1913...	36,030,000
Jan. 1, 1914...	35,855,000
Jan. 1, 1915...	37,067,000
Jan. 1, 1916...	39,812,000
Jan. 1, 1916...	41,689,000
Jan. 1, 1918...	43,546,000

TOTAL CATTLE IN THE U. S.

Census, 1850...	10,778,907
Census, 1860...	25,620,019
Census, 1870...	23,820,608
Census, 1880...	35,825,511
Census, 1890...	51,363,572
Census, 1900...	67,822,336
Census, 1910...	61,803,000
Jan. 1, 1911...	60,502,000
Jan. 1, 1912...	57,959,000
Jan. 1, 1913...	56,527,000
Jan. 1, 1914...	56,592,000
Jan. 1, 1915...	58,329,000
Jan. 1, 1916...	61,920,000
Jan. 1, 1917...	64,583,000
Jan. 1, 1918...	66,830,000

SWINE IN THE U. S.

Census, 1850...	30,354,213
Census, 1860...	33,512,867
Census, 1870...	25,134,569

SWINE—Continued.

Census, 1880...	47,681,700
Census, 1890...	57,425,287
Census, 1900...	62,876,108
Census, 1910...	58,186,000
Jan. 1, 1911...	65,260,000
Jan. 1, 1912...	65,410,000
Jan. 1, 1913...	61,178,000
Jan. 1, 1914...	58,933,000
Jan. 1, 1915...	64,618,000
Jan. 1, 1916...	67,766,000
Jan. 1, 1917...	67,503,000
Jan. 1, 1918...	71,374,000

SHEEP IN THE U. S.

Census, 1850...	21,723,220
Census, 1860...	22,471,275
Census, 1870...	28,477,957
Census, 1880...	35,192,074
Census, 1890...	40,876,312
Census, 1890...	60,503,713
Census, 1910...	52,448,000
Jan. 1, 1911...	53,633,000
Jan. 1, 1912...	52,362,000
Jan. 1, 1913...	51,482,000
Jan. 1, 1914...	49,719,000
Jan. 1, 1915...	49,956,000
Jan. 1, 1916...	48,625,000
Jan. 1, 1917...	47,616,000
Jan. 1, 1918...	48,900,000

HORSES IN THE U. S.

Census, 1850...	4,336,719
Census, 1860...	6,249,174
Census, 1870...	7,145,370
Census, 1880...	10,357,488
Census, 1890...	15,258,783
Census, 1900...	18,250,000
Census, 1910...	19,833,000
Jan. 1, 1911...	20,277,000
Jan. 1, 1912...	20,509,000
Jan. 1, 1913...	20,567,000
Jan. 1, 1914...	20,962,000
Jan. 1, 1915...	21,195,000
Jan. 1, 1916...	21,159,000
Jan. 1, 1917...	21,210,000
Jan. 1, 1918...	21,563,000

MULES IN THE U. S.

Census, 1850...	559,331
Census, 1860...	1,151,148
Census, 1870...	1,215,415
Census, 1880...	1,812,808
Census, 1890...	2,314,785
Census, 1900...	3,271,121
Census, 1910...	4,210,000
Jan. 1, 1911...	4,323,000
Jan. 1, 1912...	4,362,000
Jan. 1, 1913...	4,386,000
Jan. 1, 1914...	4,449,000
Jan. 1, 1915...	4,479,000
Jan. 1, 1916...	4,593,000
Jan. 1, 1917...	4,723,000
Jan. 1, 1918...	4,824,000

Dairy Cows—Increase and Decrease.

The tabulated statement herewith represents the estimate by the United States Department of Agriculture of the number of dairy cows in the United States on January 1st, 1918. As a matter of interest we have calculated the number gained and the number lost since the census enumeration of 1910. There is also the table for 1918 upon which the calculation is based.

State.	1918.	Since 1910.	Since 1910.
Dairy Cows.	Increase.	Decrease.	
ALA.	433,000	41,000	.....
ARIZ.	87,000	58,000	.....
ARK.	425,000	.....	1,000
CALIF.	597,000	130,000	.....
COLO.	254,000	109,000	.....
CONN.	116,000	.....	7,000
DEL.	43,000	7,000	.....
FLA.	145,000	39,000	.....
GA.	435,000	29,000	.....
IDAHO.	139,000	44,000	.....
ILL.	1,057,000	7,000	.....
IND.	713,000	79,000	.....
IOWA.	1,405,000	.....	2,000
KAS.	945,000	209,000	.....
KY.	435,000	25,000	.....
LA.	324,000	45,000	.....
MAINE.	170,000	13,000	.....
MD.	181,000	24,000	.....
MASS.	154,000	.....	18,000
MICH.	874,000	107,000	.....
MINN.	1,328,000	243,000	.....
MISS.	508,000	78,000	.....
MO.	910,000	54,000	.....
MONT.	179,000	102,000	.....
NEB.	703,000	89,000	.....
NEV.	28,000	11,000	.....
N. H.	102,000	1,000	.....
N. J.	152,000	.....	2,000
N. M.	88,000	37,000	.....
N. Y.	1,524,000	14,000	.....
N. C.	309,000	.....	.....
N. D.	434,000	175,000	.....
OHIO.	940,000	35,000	.....
OKLA.	562,000	31,000	.....
OREGON.	227,000	54,000	.....
PENN.	960,000	26,000	.....
R. I.	21,000	.....	2,000
S. C.	193,000	12,000	.....
S. D.	555,000	185,000	.....
TENN.	373,000	.....	24,000
TEX.	1,128,000	114,000	.....
UTAH.	96,000	20,000	.....
VT.	295,000	30,000	.....
VA.	377,000	21,000	.....
WASH.	266,000	80,000	.....
W. VA.	245,000	5,000	.....
WIS.	1,785,000	312,000	.....
WYO.	64,000	31,000	.....
U. S.	23,284,000; in 1910,	20,625,000	.....
Increase since then.	.....	2,659,000	.....

Other and Beef Cattle.

This table shows the number of cattle in the United States, independent of the dairy cows. Beef cows, calves, yearlings and two-year-olds come under this classification. The estimate is dated January 1, 1918, and there is considerable gain in numbers since the last United States census was taken in 1910. We show the increase and decrease in each state since the census.

State.	Cattle.	Increase.	Decrease.
ALA.	668,000	128,000	.....
ARIZ.	1,037,000	241,000	.....
ARK.	638,000	36,000	.....
CALIF.	1,701,000	91,000	.....
COLO.	1,272,000	289,000	.....
CONN.	78,000	6,000	.....
DEL.	23,000	4,000	.....
FLA.	891,000	162,000	.....
GA.	755,000	81,000	.....
IDAHO.	488,000	120,000	.....
ILL.	1,314,000	.....	77,000
IND.	757,000	28,000	.....
IOWA.	2,919,000	.....	132,000
KAS.	2,354,000	11,000	.....
KY.	581,000	.....	10,000
LA.	578,000	52,000	.....
MAINE.	127,000	27,000	.....
MD.	134,000	13,000	.....
MASS.	97,000	17,000	.....
MICH.	752,000	21,000	.....
MINN.	1,540,000	278,000	.....
MISS.	644,000	61,000	.....
MO.	1,782,000	77,000	.....
MONT.	980,000	114,000	.....
NEB.	2,803,000	515,000	.....
NEV.	517,000	84,000	.....
N. H.	71,000	4,000	.....
N. J.	74,000	5,000	.....
N. M.	1,179,000	148,000	.....
N. Y.	1,005,000	92,000	.....
N. C.	375,000	17,000	.....
N. D.	650,000	165,000	.....
OHIO.	954,000	21,000	.....
OKLA.	1,404,000	.....	19,000
ORE.	683,000	131,000	.....
PENN.	717,000	64,000	.....
R. I.	12,000	1,000	.....
S. C.	232,000	14,000	.....
S. D.	1,438,000	273,000	.....
TENN.	554,000	.....	46,000
TEX.	4,660,000	.....	1,261,000
UTAH.	457,000	121,000	.....
VT.	189,000	24,000	.....
VA.	510,000	7,000	.....
WASH.	294,000	78,000	.....
W. VA.	373,000	.....	7,000
WIS.	1,394,000	187,000	.....
WYO.	891,000	157,000	.....
U. S.	43,546,000	.....	.....
1910.	41,178,000	Increase,	2,368,000

In Virginia, in 1633, tobacco inspection warehouses were established, in which all tobacco grown for sale was examined by Colonial inspectors, "who shall cause all the bad and ill-conditioned tobacco instantly to be burned, and the planter thereof to be disabled further from planting any more of that commodity of tobacco."

Pork packing in barrels as an industry is said to have begun in 1640 at Salem, Mass.

Tobacco was first reported as being grown in the New England colonies in the year 1640.

Hogs in the United States, 1918.

The hog increase since the census year 1910 stands out like a miracle, because the gain is over and above an immense marketing of hogs. Forty-six states increased in hog raising, with Iowa in the lead, the increase in that one state since the census year being 2,761,000 hogs. Kansas decreased 440,000 hogs, and Oklahoma decreased 620,000 hogs since the census year of 1910.

State.	1918. Swine.	Since 1910. In- crease.	Since 1910. De- crease.
ALA..	2,128,000	861,000	.....
ARIZ.	64,000	47,000	.....
ARK.	1,643,000	124,000	.....
CALIF.	974,000	207,000	.....
COLO.	356,000	177,000	.....
CONN.	64,000	12,000	.....
DEL.	64,000	15,000	.....
FLA..	1,375,000	565,000	.....
GA....	2,766,000	982,000	.....
IDAHO.	219,000	32,000	.....
ILL..	5,111,000	425,000	.....
IND..	4,168,000	553,000	.....
IOWA	10,307,000	2,761,000	.....
KAS..	2,566,000	.....	440,000
KY...	1,716,000	324,000	.....
LA....	1,568,000	240,000	.....
MAINE.	100,000	13,000	.....
MD...	388,000	86,000	.....
MASS.	113,000	10,000	.....
MICH.	1,372,000	136,000	.....
MINN.	2,241,000	721,000	.....
MISS.	1,902,000	610,000	.....
MO...	4,708,000	270,000	.....
MONT.	215,000	116,000	.....
NEB..	4,200,000	764,000	.....
NEV..	37,000	14,000	.....
N.)H.	56,000	11,000	.....
N. J..	174,000	27,000	.....
N. M.	86,000	40,000	.....
N. Y.	842,000	17,600	.....
N. C.	1,464,000	236,000	.....
N. D.	507,000	175,000	.....
OHIO.	3,774,000	668,000	.....
OKLA.	1,219,000	.....	620,000
OREGON.	309,000	91,000	.....
PENN.	1,291,000	313,000	.....
R. I..	16,000	2,000	.....
S. C..	966,000	301,000	.....
S. D..	1,504,000	494,000	.....
TENN.	1,634,000	246,000	.....
TEXAS.	3,068,000	832,000	.....
UTAH.	102,000	42,000	.....
VT...	120,000	25,000	.....
VA...	1,105,000	307,000	.....
WASH.	283,000	77,000	.....
W. VA.	422,000	94,000	.....
WIS..	2,019,000	210,000	.....
WYO.	54,000	20,000	.....

1910.. 58,186,000
U. S... 71,374,000 13,188,000

Increased production will win the war, and nothing else will do it.

Sheep in the United States, 1918.

This particular statement is the estimate of the United States Department of Agriculture of the number of sheep in the United States, January, 1918. We have added to it by making a statement showing the increase or decrease by states since the enumeration by the census of the year 1910.

State.	1918.	Since 1910.	Since 1910.
	Sheep.	Increase.	Decrease.
ALA...	131,000	.....	12,000
ARIZ..	1,550,000	323,000	.....
ARK..	149,000	5,000	.....
CALIF.	2,776,000	359,000	.....
COLO.	2,086,000	660,000	.....
CONN..	20,000	.....	2,000
DEL...	10,000	2,000	.....
FLA...	120,000	6,000	.....
GA....	144,000	.....	44,000
IDAHO	3,302,000	191,000	.....
ILL...	988,000	.....	72,000
IND...	998,000	.....	339,000
IOWA..	1,224,000	78,000	.....
KAS...	418,000	146,000	.....
KY....	1,270,000	.....	93,000
LA....	209,000	31,000	.....
MAINE.	163,000	.....	43,000
MD....	234,000	.....	3,000
MASS..	28,000	.....	5,000
MICH..	1,926,000	.....	380,000
MINN..	568,000	.....	70,000
MISS..	174,000	.....	21,000
MO....	1,466,000	.....	345,000
MONT.	3,045,000	.....	2,336,000
NEB...	408,000	114,000	.....
NEV...	1,630,000	475,000	.....
N. H...	37,000	.....	7,000
N. J...	26,000	.....	5,000
N. M...	3,135,000	.....	212,000
N. Y...	840,000	.....	90,000
N. C...	137,000	.....	77,000
N. D...	252,000	.....	41,000
OHIO..	3,091,000	.....	818,000
OKLA.	208,000	146,000	.....
ORE...	2,448,000	.....	151,000
PENN.	913,000	30,000	.....
R. I...	6,000	.....	1,000
S. C...	31,000	.....	7,000
S. D...	750,000	139,000	.....
TENN..	606,000	.....	89,000
TEXAS	2,188,000	.....	379,000
UTAH.	2,340,000	513,000	.....
VT...	106,000	.....	13,000
VA....	686,000	.....	119,000
WASH.	661,000	185,000	.....
W. VA.	751,000	.....	159,000
WIS...	651,000	.....	279,000
WYO...	4,100,000	.....	1,297,000
1918 U. S.,	48,900,000;	U. S. 1910,	
52,444,000;	decrease,	3,544,000.	

Governor's Island, in Boston Harbor, was granted to Governor Winthrop in 1632 on condition that he should plant a vineyard or orchard upon it.

Sir Richard Weston, Ambassador from England to Bohemia in 1645, is credited with first introducing "the great clover" in England, and turnips also. He was a useful writer on agricultural subjects.

Horses in the U. S., 1918.

The following tabulated statement represents the estimate of the United States Department of Agriculture of the number of horses in the United States on January 1st, 1918. To these government figures we have made a calculation, showing the increase or decrease in each state from the figures of the 1910 census.

State.	1918. Horses.	Since 1910. In- crease.	Since 1910. De- crease.
ALA....	153,000	17,000	.....
ARIZ....	135,000	35,000	.....
ARK....	275,000	20,000	.....
CALIF....	468,000	.....	1,000
COLO....	399,000	105,000	.....
CONN....	45,000	.....	1,000
DEL....	36,000	3,000	.....
FLA....	62,000	16,000	.....
GA....	130,000	10,000	.....
IDAHO..	258,000	60,000	.....
ILL....	1,467,000	14,000	.....
IND....	837,000	23,000	.....
IOWA...	1,583,000	91,000	.....
KAS....	1,142,000	.....	5,000
KY....	443,000	.....	.....
LA....	207,000	26,000	.....
MAINE..	109,000	1,000	.....
MD....	171,000	15,000	.....
MASS...	57,000	.....	7,000
MICH....	680,000	70,000	.....
MINN...	944,000	191,000	.....
MISS...	253,000	37,000	.....
MO....	1,040,000	.....	33,000
MONT...	506,000	190,000	.....
NEB....	1,049,000	41,000	.....
NEV....	75,000	7,000	.....
N. H....	45,000	.....	1,000
N. J....	90,000	1,000	.....
N. M....	272,000	93,000	.....
N. Y....	597,000	6,000	.....
N. C....	187,000	21,000	.....
N. D....	842,000	191,100	.....
OHIO....	883,000	.....	27,000
OKLA...	737,000	.....	6,000
OREGON.	309,000	37,000	.....
PENN...	590,000	40,000	.....
R. I....	8,000	.....	1,000
S. C....	85,000	5,000	.....
S. D....	811,000	142,000	.....
TENN...	350,000	.....	.....
TEXAS..	1,212,000	42,000	.....
UTAH...	145,000	29,000	.....
VT....	89,000	8,000	.....
VA....	365,000	35,000	.....
WASH...	309,000	28,000	.....
W. VA...	196,000	16,000	.....
WIS....	708,000	93,000	.....
WYO....	209,000	53,000	.....

1918 U.S. 21,563,000 1,730,000
1910 U.S. 19,833,000

In 1647 the exportation of wool was first prohibited from Great Britain; also in 1660 and 1668.

In 1650, Hartleb, an English writer, mentioned the practice of steeping and liming seed corn (wheat) as a preventive of smut.

Mules on Farms, 1918.

The following tabulation shows the estimate of the number of mules in the United States on January 1st, 1918, together with comparisons since the census of 1910. The comparisons show a decided increase in the number of mules, notwithstanding the exports have been very large.

State.	1918. Mules.	Since 1910. In- crease.	Since 1910. De- crease.
ALA....	289,000	42,000	.....
ARIZ....	9,000	5,000	.....
ARK....	263,000	41,000	.....
CALIF....	66,000	.....	4,000
COLO....	26,000	11,000	.....
DEL....	6,000	.....	.....
FLA....	33,000	10,000	.....
GA....	334,000	39,000	.....
IDAHO...	4,000	.....	.....
ILL....	150,000	2,000	.....
IND....	95,000	13,000	.....
IOWA...	60,000	13,000	.....
KAS....	280,000	72,000	.....
KY....	224,000	.....	1,000
LA....	156,000	24,000	.....
MD....	25,000	2,000	.....
MICH....	4,000	.....	.....
MINN...	6,000	.....	.....
MISS....	307,000	51,000	.....
MO....	367,000	24,000	.....
MONT...	5,000	1,000	.....
NEB....	118,000	35,000	.....
NEV....	3,000	.....	.....
N. J....	4,000	.....	.....
N. M....	19,000	4,000	.....
N. Y....	5,000	.....	.....
N. C....	207,000	32,000	.....
N. D....	9,000	1,000	.....
OHIO....	26,000	3,000	.....
OKLA...	276,000	19,000	.....
OREGON..	10,000	.....	.....
PENN...	48,000	4,000	.....
S. C....	179,000	23,000	.....
S. D....	16,000	4,000	.....
TENN....	273,000	.....	3,000
TEXAS...	508,000	122,000	.....
UTAH...	2,000	.....	.....
VA....	65,000	5,000	.....
WASH...	19,000	7,000	.....
W. VA...	12,000	.....	.....
WIS....	3,000	.....	.....
WYO....	4,000	2,000	.....

U. S. 1918.. 4,824,000 614,000
Census 1910.. 4,210,000

The earliest record of the use of mineral salts for increasing the yield of crops appears in a work entitled "A Discourse Concerning the Vegetation of Plants." It was read in the year 1680 before Gresham College, in England, by Sir Kenelm Digby.

In 1660, Ray, a writer, made a tour of the southern counties of Scotland. He said: "We observed little or no fallow ground in Scotland; some ley ground we saw, which they manured with sea wreck."

First statute for levying tolls at turnpikes to make or repair roads dates from the year 1662.

Chickens and Turkeys.

In the year 1900, in the United States, there were 233,566,021 chickens counted by the census enumerators, and in 1910 the number of chickens was increased to 280,345,133. In the year 1910 chickens were raised on 5,578,525 farms, which is 87.7 per cent. of all farms. In the year 1900 there were 6,594,695 turkeys in the United States, but in 1910 the number was reduced to 3,668,708. In the year 1910 turkeys were on 871,123 farms, which is 13.7 per cent. of all farms.

State.	Farms Report- ing.	Chickens, Number.	Farms Report- ing.	Turkeys, Number.
ALA...	221,103	4,539,066	22,350	84,487
ARIZ...	5,020	252,657	836	5,498
ARK...	183,480	5,182,670	20,955	83,550
CALIF.	36,063	5,666,954	11,927	116,602
COLO.	34,433	1,644,578	5,693	26,430
CONN.	23,163	1,218,128	905	3,011
DEL...	10,000	785,591	2,119	8,181
D. C...	159	7,405	6	29
FLA...	40,637	1,239,680	4,672	22,871
GA...	244,453	4,890,069	23,128	79,634
IDAHO	23,412	1,012,431	2,975	14,274
ILL...	237,074	20,563,890	43,326	189,418
IND...	202,321	13,216,152	48,180	202,977
IA...	204,574	22,691,670	26,866	124,164
KAS...	162,094	15,266,250	22,796	104,421
KY...	231,031	8,000,457	46,920	188,292
LA...	98,304	3,259,087	12,473	53,251
ME...	46,185	1,704,900	915	2,948
MD...	46,008	2,650,750	14,728	60,260
MD...	46,008	2,650,750	14,728	60,260
MASS...	28,021	1,710,989	692	2,645
MICH.	189,320	9,698,439	20,710	81,263
MINN.	142,582	10,293,849	31,750	147,335
MISS...	17,153	4,568,464	22,226	92,448
MO...	259,457	19,910,562	67,522	311,575
MONT.	17,595	922,540	3,481	16,475
NEB...	115,512	9,010,945	8,292	32,364
NEV...	1,977	126,599	478	2,839
N. H...	20,868	903,413	489	1,949
N. J...	30,078	2,012,842	2,379	31,778
N. M...	19,496	509,892	1,597	7,308
N. Y...	192,848	7,312,386	25,064	104,957
N. C...	223,458	4,566,928	16,690	70,009
N. D...	61,452	3,095,026	14,040	62,261
OHIO...	253,611	9,011,144	43,019	162,664
OKLA.	168,464	8,014,945	27,929	120,324
ORE...	37,080	1,753,732	4,434	26,689
PENN.	205,032	11,896,134	40,126	136,942
R. I...	4,315	392,704	161	1,109
S. C...	146,487	2,694,970	19,454	64,396
S. D...	61,492	4,924,549	10,832	51,992
TENN.	222,448	7,341,473	32,016	118,514
TEX...	356,877	12,710,592	76,422	363,666
UTAH.	17,424	673,662	1,684	7,996
VT...	27,464	911,781	2,456	11,693
VA...	169,391	5,684,703	39,904	148,386
WASH.	44,867	2,204,171	3,557	16,409
W. VA.	89,099	3,106,907	18,762	71,072
WIS...	163,043	9,142,719	15,764	65,020
WYO...	7,047	324,984	1,333	5,883

Total. 5,578,525 280,345,133 871,123 3,668,708

MARKETINGS BY PERCENTAGE.**WHEAT. Per Cent. of Year's Sales.**

Month.	18.	17.	16.	15.	14.
July.....	7.4	13.3	7.1	17.5	16.3
August....	12.4	17.9	11.0	13.2	13.4
September..	19.3	16.8	14.4	15.5	14.3
October....	18.0	14.1	14.5	12.5	12.8
November...	13.7	9.7	12.4	10.3	9.7
December...	7.6	5.6	11.0	7.5	7.6
January....	4.7	7.2	6.8	5.1	6.7
February...	3.9	3.3	6.8	5.7	4.8
March.....	3.7	3.9	3.8	3.3	4.2
April.....	4.1	3.1	3.9	4.6	2.9
May.....	3.1	3.0	4.7	2.7	3.5
June.....	2.1	2.1	3.6	2.1	3.8
Season.....	100.0	100.0	100.0	100.0	100.0

The Spiderwort was one of the first native flowers to find a home in England. It was sent there from Virginia about the year 1629.

Ducks and Geese.

In the year 1900 the enumerators of the census reported 4,785,850 ducks in the United States, but in 1910 the number was reduced to 2,906,525. In 1910 there were 503,704 farms raising ducks, which is 7.9 per cent. of all farms. In 1910 the total of geese was 5,676,783 and the total of 1910 was 4,431,980, there being 662,34 farms raising geese, which is 10.4 per cent. of all farms. Herewith we present the statement of ducks and geese according to the last census.

State.	Farms Report- ing.	1910. Number of Ducks.	Farms Report- ing.	Number of Geese.
ALA...	10,094	59,227	17,992	142,519
ARIZ...	295	1,824	87	701
ARK...	18,323	109,223	38,095	343,991
CALIF.	3,606	40,061	40,061	14,195
COLO.	2,486	12,250	1,053	4,455
CONN.	1,748	9,813	958	4,200
DEL...	1,884	9,790	1,019	5,111
D. C...	17	127	1	40
FLA...	823	6,218	2,985	29,556
GA...	7,515	42,221	18,194	171,625
IDAHO	1,790	8,900	8,842	8,842
ILL...	37,433	201,505	42,763	226,546
IND...	19,427	121,306	21,734	139,081
IOWA.	40,771	225,284	44,495	215,221
KAS...	18,417	114,032	17,466	95,222
KY...	16,651	98,706	43,380	399,932
LA...	7,671	51,473	14,167	121,534
ME...	1,519	6,311	1,057	4,021
MD...	8,753	50,332	4,909	23,606
MASS...	1,888	23,153	1,896	12,313
MICH.	14,214	54,723	18,180	66,792
MINN.	23,692	94,289	27,866	105,161
MISS...	10,113	49,228	28,613	236,791
MO...	25,047	153,129	44,777	365,866
MONT.	1,630	8,243	7,013	7,013
NEB...	17,672	92,524	20,604	89,128
NEV...	221	1,139	510	510
N. H...	694	3,572	356	1,438
N. J...	3,972	39,441	1,900	9,166
N. M...	557	2,693	151	779
N. Y...	16,604	166,188	7,647	29,310
N. C...	13,396	75,786	29,189	238,205
N. D...	10,131	39,938	8,009	30,456
OHIO...	21,288	106,958	24,121	112,706
OKLA.	16,462	112,986	13,824	113,594
ORE...	1,976	10,757	842	14,109
PENN.	23,502	163,777	13,402	46,321
R. I...	458	4,519	266	2,725
S. C...	3,633	15,653	8,125	59,664
S. D...	16,281	87,514	13,623	59,991
TENN.	21,922	142,392	41,909	366,687
TEX...	14,007	74,910	26,809	244,907
UTAH.	891	7,582	609	2,938
VT...	1,252	4,561	677	2,505
VA...	16,561	94,451	12,460	79,093
WASH.	2,558	13,179	586	14,858
W. VA.	6,776	35,576	10,447	72,972
WIS...	16,434	61,180	25,287	93,782
WYO...	744	3,411	1,708	1,708

Total. 503,704 2,906,525 662,324 4,431,980

MONTHLY MARKETINGS OF CORN BY FARMERS.

Month.	18.	17.	16.	15.	14.
July.....	34	30	31	19	27
August....	26	34	33	34	16
September..	22	28	35	23	21
October....	24	25	33	23	37
November...	56	67	57	71	85
December...	78	60	88	82	102
January....	91	73	64	96	51
February...	103	43	68	38	34
March.....	88	34	39	22	30
April.....	45	26	35	27	21
May.....	36	31	35	21	29
June.....	37	29	32	29	22
Season.....	640	480	530	485	475

In the year 1637 only thirty-seven plows were in the colony of Massachusetts.

Cattle Sold and Slaughtered.

Once in ten years we are able to make an examination of the number of live stock sold from the farms of the United States. This tabulation is for cattle only, not including calves, but including dry dairy cows and worn-out oxen when sold. There is also an enumeration, state by state, showing the number of cattle slaughtered on the farms. The statement is for the last census year, when there were 20,625,000 dairy cows and 41,178,000 other cattle in the United States.

State.	Farms Report-ing.	Cattle Sold.	Farms Report-ing.	Cattle Slaugh-tered.
ALA....	48,398	198,226	15,800	42,964
ARIZ....	1,988	146,852	942	10,773
ARK....	62,031	379,676	11,189	38,088
CALIF..	19,775	548,920	4,054	36,319
COLO..	11,013	437,215	5,467	26,818
CONN..	7,979	56,564	1,743	8,756
DEL....	1,805	7,070	150	551
D. COL.	37	344	2	8
FLA....	6,015	60,773	3,359	22,012
GA....	32,467	112,127	10,506	37,605
IDAHO	7,320	145,948	3,395	12,216
ILL....	106,050	1,029,835	19,120	38,466
IND....	82,019	463,825	14,877	27,122
IOWA..	128,567	2,130,255	48,883	73,454
KAS....	75,654	1,560,620	18,999	30,660
KY....	74,343	535,429	6,497	19,011
LA....	20,903	139,319	10,215	26,209
ME....	19,842	83,932	4,513	18,755
MD....	11,866	56,863	3,080	5,870
MASS..	9,927	81,661	2,021	13,521
MICH..	82,230	319,063	19,852	43,619
MINN..	79,284	442,034	47,403	79,226
MISS..	46,709	252,778	14,056	34,406
MO....	119,955	1,300,754	18,269	32,059
MONT.	6,275	272,996	4,133	19,755
NEB....	64,123	1,221,743	27,211	42,083
NEV....	981	101,190	810	11,217
N. H....	8,750	54,904	2,104	9,116
N. J....	6,270	30,954	1,377	3,175
N. M....	5,541	306,347	3,937	16,316
N. Y....	82,443	541,265	26,858	68,793
N. C....	49,090	163,015	13,201	36,132
N. D....	24,736	159,392	19,714	31,570
OHIO..	104,220	558,420	30,912	54,040
OKLA..	64,937	939,546	8,808	23,043
ORE....	13,973	249,733	5,946	24,292
PENN..	80,961	368,687	44,877	88,505
R. I....	1,573	11,177	203	6,699
S. C....	19,668	57,301	5,782	17,657
S. D....	32,328	519,607	16,959	28,475
TENN..	83,836	540,891	10,838	33,483
TEX....	117,934	2,535,219	17,248	64,031
UTAH..	5,950	110,780	2,214	8,208
VT....	17,499	145,955	6,450	18,832
V. A....	14,915	314,925	5,887	20,058
WASH.	15,335	94,365	7,370	25,087
W. VA.	33,432	257,733	8,226	18,753
WIS....	90,924	417,796	33,169	51,040
WYO....	3,249	198,970	2,059	9,810
Total..	2,035,910	20,572,997	593,285	1,408,640

Calves Sold and Slaughtered.

The enumeration of calves sold from farms and calves slaughtered on farms is the official statement of the last census year. At the time the census was taken the total of all kinds and classes of cattle remaining on farms in the United States was 61,803,000 head, and the total is not far different in the year 1916. It must be remembered that many calves sold by farmers have been matured and fattened for market by other farmers.

State.	Farms Report-ing.	Calves Sold.	Farms Report-ing.	Calves Slaugh-tered.
ALA....	15,349	30,694	4,354	7,872
ARIZ....	659	7,525	171	1,144
ARK....	29,918	86,235	3,023	8,379
CALIF..	16,832	147,467	4,767	50,538
COLO..	4,802	33,934	2,591	11,557
CONN..	9,014	66,477	622	6,915
DEL....	4,481	19,292	54	414
D. COL.	65	416	5	28
FLA....	584	2,537	216	1,569
GA....	19,558	39,507	9,154	22,323
IDAHO	4,113	19,098	1,801	4,789
ILL....	89,410	410,590	11,125	81,079
IND....	83,363	251,470	5,474	21,731
IOWA..	47,028	256,071	7,286	18,235
KAS....	47,826	281,398	7,416	11,536
KY....	53,351	140,896	2,021	4,546
LA....	4,166	15,490	1,040	2,667
ME....	21,607	98,577	2,874	27,396
MD....	22,369	92,359	431	2,110
MASS..	12,412	95,486	995	14,187
MICH..	84,636	293,525	16,091	61,896
MINN..	40,529	176,979	28,204	80,493
MISS..	14,299	32,218	3,227	5,779
MO....	76,353	254,702	4,863	8,748
MONT.	1,687	18,389	1,454	8,748
NEB....	18,056	96,821	3,195	5,458
NEV....	220	3,655	217	1,416
N. H....	9,592	64,347	1,137	10,650
N. J....	16,478	112,885	622	14,025
N. M....	2,619	16,169	1,222	3,658
N. Y....	105,766	814,704	26,604	212,962
N. C....	28,530	52,137	5,964	14,602
N. D....	7,694	22,263	7,992	14,419
OHIO..	100,676	362,046	7,791	31,180
OKLA..	32,735	132,870	3,128	5,745
ORE....	6,181	30,473	9,539	40,756
PENN..	105,371	469,663	14,398	68,936
R. I....	1,395	9,653	56	1,175
S. C....	7,828	14,541	2,461	6,668
S. D....	8,970	48,862	4,326	7,034
TENN..	46,097	114,620	2,916	9,548
TEX....	59,030	512,442	8,500	22,445
UTAH..	5,173	20,754	1,233	5,312
VT....	11,216	102,781	5,147	41,375
V. A....	49,121	119,002	2,022	5,086
WASH.	7,035	30,291	10,345	44,238
W. VA.	25,143	58,815	1,282	5,108
WIS....	100,723	647,915	28,716	93,167
WYO....	1,010	13,716	431	1,948
Total..	1,461,173	6,742,748	268,508	1,131,600

Potato Harvest Periods.

According to Agricultural Department reports there will be 30,000,000 more bushels of potatoes harvested in July and August, 1917, than last year in same period, and during the balance of the year the increase will be 133,000,000 bushels.

	Harvest Period.		1917 (Forecast.)	
	Per Ct.	Bushels.	Per Ct.	Bushels.
Jan. 1 to June 30.	5.0	14,255,000	4.0	18,279,000
July 1 to Aug. 31.	20.8	59,270,000	19.8	89,424,000
Sept. 1 to Dec. 31.	74.2	211,942,000	76.2	344,014,000
	100.0	285,437,000	100.0	451,717,000

Previous to the year 1850 practically

all the cheese made in this country was a farm and not a factory product.

EARLY CABBAGE ACREAGE.

The area planted to early cabbage in six Southern States is estimated to be 33,500 acres, as compared with 17,600 acres in 1916, an increase of about 90 per cent. This estimate is based upon reports to the Truck Crop Specialist of the Bureau of Crop Estimates from Virginia, South Carolina, Florida, Alabama, Mississippi and Texas, the principal early cabbage sections of the South. Detailed estimates by states follow:

State.	1915.	1916.	1917.
	Acres.	Acres.	Acres.
VIRGINIA.....	4,100	4,200	5,200
SOUTH CAROLINA...	2,300	2,300	4,100
FLORIDA.....	3,400	4,500	9,300
ALABAMA.....	1,100	1,000	1,400
MISSISSIPPI.....	1,200	1,200	1,800
TEXAS.....	4,100	4,400	11,700
Total.....	16,200	17,600	33,500

Swine Sold by Farmers.

During the last census year from 1,841,229 farms in the United States 37,500,158 hogs were sold by farmers and the valuation reported was \$12.35 per head. The number of hogs on farms at that time by the census count was 58,188,000 head, or practically 65 per cent. of the supply.

State.	No. of Farms Reporting.	Per Cent. of Farms	Animals Sold.	Value Per Head.
ALA.	22,552	8.6	123,078	\$ 3.97
ARIZ.	489	5.3	9,780	8.42
ARK.	31,239	14.6	376,466	5.90
CALIF.	13,605	15.4	478,678	10.16
COLO.	5,398	11.7	124,667	11.15
CONN.	2,272	8.5	29,278	5.83
DELA.	1,978	18.3	20,979	5.35
DIST. COL.	5	2.3	17	11.35
FLA.	4,075	8.1	60,528	3.60
GA.	20,368	7.0	136,651	3.80
IDAHO.	5,584	18.1	150,230	11.37
ILL.	139,516	55.4	3,745,309	14.21
IND.	119,815	55.6	3,030,547	12.60
IOWA.	152,542	70.3	5,524,519	15.51
KAS.	97,836	55.0	2,857,924	14.05
KY.	69,704	26.9	1,160,301	9.17
LA.	6,015	5.0	61,794	5.73
ME.	10,628	17.7	88,167	7.58
MD.	11,425	23.4	143,415	5.74
MASS.	3,885	10.5	63,930	8.31
MICH.	85,168	41.2	981,880	11.02
MINN.	74,047	47.4	1,038,711	13.48
MISS.	17,470	6.4	88,599	4.10
MO.	153,372	55.3	4,425,428	11.58
MONT.	2,205	8.4	37,471	5.73
NEB.	78,643	60.7	2,495,278	15.42
NEV.	513	15.4	9,660	8.87
N. H.	4,067	15.0	43,008	7.70
N. J.	4,875	14.6	88,639	6.75
N. M.	2,047	5.7	20,286	6.51
N. Y.	44,587	20.7	467,915	6.40
N. C.	35,461	14.0	246,796	3.49
N. D.	14,743	19.8	115,414	11.71
OHIO.	122,902	45.2	2,317,507	12.38
OKLA.	71,176	37.4	1,591,469	11.06
OREGON.	8,148	17.9	129,641	10.91
PENN.	58,438	26.6	579,136	6.65
R. I.	409	7.7	7,725	6.64
S. C.	12,389	7.0	80,633	4.31
S. D.	32,375	42.0	721,838	15.01
TENN.	74,122	30.1	1,082,134	7.84
TEXAS.	66,661	16.0	742,769	7.75
UTAH.	2,859	13.2	30,072	7.73
VT.	9,781	29.9	93,720	8.53
VA.	30,957	16.8	293,493	5.38
WASH.	7,762	13.8	121,866	10.60
WIS.	18,464	18.8	121,650	5.51
WIS.	88,056	49.7	1,389,717	12.90
WYO.	837	7.6	10,740	10.40
Total...	1,841,229	28.9	37,500,158	\$12.35

Swine Slaughtered on Farms.

During the last census year on 3,643,546 farms in the United States 15,378,517 hogs were slaughtered, and the farmers reported the value to be \$19.37 per head. The number of hogs on farms at that time by the census count was 58,186,000 head, practically one hog in four.

State.	No. of Farms Reporting.	Per Cent. of All Farms.	Animals Slaughtered.	Value Per Head.
ALA.	137,036	52.1	581,615	\$12.16
ARIZ.	816	8.8	3,299	13.37
ARK.	113,636	52.9	616,350	11.10
CALIF.	15,337	17.4	82,270	12.80
COLO.	12,330	26.7	52,061	15.53
CONN.	7,975	29.7	25,508	19.86
DELA.	6,636	61.2	27,538	13.84
DIST. COL.	39	18.0	383	19.37
FLA.	25,915	51.8	294,753	8.05
GA.	154,935	53.2	860,409	11.31
IDAHO.	10,470	34.0	47,437	13.90
ILL.	172,486	68.5	762,545	16.95
IND.	152,287	70.7	646,581	16.26
IOWA.	147,246	67.8	507,167	16.03
KAS.	112,110	63.0	377,566	16.50
KY.	168,483	65.0	733,642	15.11
LA.	48,727	40.4	287,447	8.51
ME.	24,404	40.7	47,319	22.68
MD.	32,931	67.3	180,406	15.79
MASS.	7,183	19.5	27,754	19.35
MICH.	114,104	55.1	381,247	15.41
MINN.	100,583	64.4	314,597	15.60
MISS.	128,043	46.7	498,659	12.66
MO.	209,247	72.2	949,318	15.18
MONT.	5,104	19.5	33,143	14.88
NEB.	81,299	62.7	261,515	16.00
NEV.	573	25.0	5,443	9.96
N. H.	9,658	35.7	22,563	22.16
N. J.	13,906	41.5	73,709	17.90
N. M.	6,677	18.7	21,929	12.19
N. Y.	107,276	49.8	386,264	17.57
N. C.	166,636	65.7	783,247	13.59
N. D.	37,893	51.0	136,227	15.82
OHIO.	182,236	67.0	768,195	17.03
OKLA.	104,564	55.0	424,436	14.26
OREGON.	18,153	39.9	102,755	14.80
PENN.	146,868	67.0	675,939	18.63
R. I.	1,034	19.5	3,674	19.49
S. C.	86,224	48.9	309,922	13.09
S. D.	36,975	47.6	117,781	15.16
TENN.	163,764	66.6	742,123	15.49
TEXAS.	221,345	53.0	885,260	15.60
UTAH.	10,040	46.3	31,210	13.94
VT.	10,559	50.6	50,786	19.05
VA.	127,841	59.5	537,797	15.40
WASH.	13,129	32.3	62,600	15.60
W. VA.	65,798	68.1	206,701	17.82
WIS.	118,436	66.9	386,243	14.92
WYO.	2,506	22.8	13,064	15.44
Total...	3,643,546	57.3	15,378,517	\$19.37

ARGENTINE CROPS.

Consul Robertson, at Buenos Aires, South America, reports the areas sown to wheat, linseed and oats in Argentina for the agricultural year 1917-18 as follows:

Province.	Wheat. Acres.	Linseed. Acres.	Oats. Acres.
Buenos Aires.	6,114,598	533,251	2,369,731
Santa Fe.	2,303,013	1,309,653	74,131
Cordoba.	4,929,733	768,494	148,263
Entre Rios.	1,181,159	543,630	247,104
Pampa.	2,718,148	29,157	274,286
Others.	617,761	49,421	86,487
Total, 1917-18.	17,864,412	3,233,606	3,200,002
Total, 1916-17.	16,088,967	3,207,415	2,525,406

In the year 1646 Joseph Jenckes, of Lynn, Mass., a native of Hammsmith, in England, was granted a state patent privilege for inventions making mills for the manufacture of "sithes and other edge tools for ye more speedy cutting of grasse."

In 1647 the apple was reported as grafted on the wild stocks of Virginia.

In the year 1644 the Haymarket of the city of London was established; abandoned in 1830.

Philippine Live Stock.

The Philippine Archipelago, with millions of acres of available open areas, is one of the countries in which stock raising on a large scale may be conducted, according to a report of the Department of Agriculture of the islands. It is estimated that out of a total of 120,000 square miles, 48,000 are in grass lands.

Number of Live Stock in the Philippine Islands.

Kind.	1902.	1914.	Increase.
CARABAOS. . .	640,871	1,147,433	506,562
CATTLE.	128,000	477,736	349,736
HOGS.	1,179,371	2,285,880	1,106,509
SHEEP.	30,428	118,010	87,582
GOATS.	124,334	592,042	467,708
HORSES.	144,171	215,826	71,655

In 1635 "Canadensium Plantarum," an illustrated book issued by Jacques Cornutus, is generally supposed to be the first published work on American plants.

Goats and Mohair.

This is a statement of the last census (the latest available) when a reliable count was made showing where the goats are, the number of farms reporting goats, the actual number of goats, the number of farms that produce mohair and the complete state by state mohair production. The number of farms reporting goats and kids increased from 77,515 in 1900 to 82,755 in 1910. The number of goats increased from 1,870,599 in 1900 to 2,915,125 in 1910. The mohair production increased from 961,328 pounds in 1899 to 3,778,706 pounds in 1909.

State.	1910.			
	Farms Reporting.	Number of Goats.	Farms, Fleeeces.	Mohair, Pounds.
ALA.....	5,667	79,347	36	808
ARIZ.....	911	246,617	114	246,032
ARK.....	4,790	58,294	194	7,265
CALIF.....	1,714	138,413	367	282,596
COLO.....	959	31,611	40	7,894
CONN.....	98	500	12	1,009
DEL.....	35	88	1	210
D. OF C.....	.....	.....	.....	.....
FLA.....	1,947	47,371	7	165
GA.....	6,301	89,616	25	520
IDAHO.....	98	5,719	35	16,412
ILL.....	2,040	12,435	184	14,922
IND.....	1,723	7,290	119	4,472
IOWA.....	2,400	20,664	266	29,206
KAS.....	917	8,847	95	8,805
KY.....	2,713	29,869	198	7,702
LA.....	3,554	57,102	12	1,044
MAINE.....	147	582	39	639
MD.....	198	1,182	27	1,570
MASS.....	201	1,251	35	1,695
MICH.....	686	5,080	117	5,677
MINN.....	784	4,588	131	6,929
MISS.....	4,039	45,871	36	1,303
MO.....	3,947	72,415	858	66,684
MONT.....	176	5,045	38	8,328
NEB.....	892	3,290	53	2,425
NEV.....	64	4,849	8	5,719
N. H.....	96	495	22	629
N. J.....	157	574	7	187
N. M.....	3,440	412,050	237	394,895
N. Y.....	719	3,475	74	5,412
N. C.....	4,247	35,019	56	1,020
N. D.....	294	1,074	36	470
OHIO.....	918	5,379	133	5,840
OKLA.....	1,436	25,591	129	10,503
OREGON.....	4,144	185,411	3,075	523,435
PENN.....	945	3,559	126	3,198
R. I.....	49	106	2	2
S. C.....	3,175	24,750	11	486
S. D.....	660	2,337	54	1,538
TENN.....	4,859	43,560	115	3,428
TEXAS.....	7,937	1,135,244	1,544	1,997,924
UTAH.....	134	29,014	21	44,708
VT.....	69	261	14	471
VA.....	738	7,327	79	8,047
WASH.....	417	8,621	164	19,120
W. VA.....	385	5,748	117	8,991
WIS.....	863	4,875	111	4,133
WYO.....	72	2,739	13	14,238
Total...	82,755	2,915,125	9,186	3,778,706

If you are unable to find what you desire in AGRICULTURAL STATISTICS, turn to the index. You may find it there.

LIVE STOCK IN DENMARK.

The following table, compiled from Danish official sources, shows the number of live stock in Denmark for the years 1914-1918, inclusive:

Date.	Horses. Number.	Cattle. Number.	Sheep. Number.	Swine. Number.
1914....	587,240	2,462,862	514,908	2,496,706
1915....	525,690	2,416,471	533,000	1,918,627
1916....	515,415	2,289,996	255,000	1,983,255
1917....	538,395	2,452,853	267,979	1,980,727
1918....	510,615	2,141,684	247,213	513,012

STOCK HOGS IN THE U. S.

A tabulated statement furnished by the United States Department of Agriculture tells how many stock hogs there were in the United States on September 1, 1917, and on September 1, 1918. The increase at the present time over the sample period of 1917 amounts to a fraction less than five millions.

State.	Number, 1917.	Number, 1918.
ME.....	93,000	105,000
N. H.....	48,000	55,000
VT.....	104,000	103,000
MASS.....	101,000	116,000
R. I.....	14,000	16,000
CONN.....	58,000	67,000
N. Y.....	704,000	711,000
N. J.....	153,000	168,000
PENN.....	1,048,000	1,153,000
DEL.....	66,000	71,000
MD.....	349,000	366,000
VA.....	1,040,000	1,113,000
W. VA.....	367,000	382,000
N. C.....	1,599,000	1,679,000
S. C.....	944,000	1,020,000
GA.....	2,507,000	2,682,000
FLA.....	1,049,000	1,153,000
OHIO.....	3,361,000	3,529,000
IND.....	3,392,000	3,901,000
ILL.....	3,766,000	4,331,000
MICH.....	1,170,000	1,228,000
WIS.....	1,884,000	1,978,000
MINN.....	1,575,000	1,654,000
IOWA.....	7,868,000	9,048,000
MO.....	3,805,000	4,262,000
N. D.....	574,000	505,000
S. D.....	1,216,000	1,338,000
NEB.....	4,164,000	4,580,000
KAS.....	2,052,000	2,155,000
KY.....	1,599,000	1,695,000
TENN.....	1,472,000	1,693,000
ALA.....	1,649,000	1,814,000
MISS.....	1,697,000	1,867,000
LA.....	1,475,000	1,519,000
TEXAS.....	2,583,000	2,196,000
OKLA.....	1,128,000	981,000
ARK.....	1,347,000	1,616,000
MONT.....	183,000	165,000
WYO.....	60,000	63,000
COLO.....	238,000	250,000
N. M.....	91,000	82,000
ARIZ.....	40,000	34,000
UTAH.....	106,000	127,000
NEV.....	39,000	35,000
IDAHO.....	166,000	149,000
WASH.....	211,000	200,000
OREGON...	255,000	242,000
CALIF.....	808,000	889,000
United States	60,218,000	65,066,000

William Keitt, Governor of New Netherlands, erected a private establishment on Staten Island in 1640 "which produced the first beer made in this country," says an authority.

In 1634 an act passed in the Irish Legislature against the cruel and common practice of plowing by fastening the plow to the tail of an ox or horse.

FARM PRODUCTIONS BY STATES

Taken From Original Government
Records, State by State — Grain
Crops and Live Stock Estimates.

The following arrangement is for the purpose of showing at a glance the number of farms in each state, the average size of the farm, the farm population at the last census (to which 10 per cent. can be added), the live stock on hand according to latest (1918) complete reports, also approximately the crops of 1915, 1916 and 1917, as estimated by the United States Department of Agriculture:

ALABAMA

Has 262,901 Farms.
Average 78.9 Acres.

1,767,662 Farm Population.

1916.	LIVE STOCK.	1917.
996,000	Dairy Cows.	405,000
534,000	Other Cattle.	534,000
1,715,000	Swine.	1,850,000
119,000	Sheep.	121,000
76,361	Goats.	79,340
150,000	Horses.	150,000
281,000	Mules.	278,000
1,200	Jack Stock.	1,300

LIVE STOCK, 1918.

433,000	Dairy Cows
668,600	Other Cattle.
2,128,000	Swine.
131,000	Sheep.
153,000	Horses.
289,000	Mules.
1915	1916 CROPS.
1,200,000	1,045,000 Bu. Wheat.
66,300,000	46,688,000 Bu. Corn.
11,400,000	10,500,000 Bu. Oats.
40,000	52,000 Bu. Rye.
8,000	8,000 Bu. Rice.
1,600,000	1,800,000 Bu. White Potatoes.
7,200,000	6,290,000 Bu. Sweet Potatoes.
362,000	358,000 Tons Tame Hay.
34,000	42,000 Tons Wild Hay.
1,020,000	525,000 Bales Cotton.
100,000	60,000 Pounds Tobacco.
532,000	380,000 Barrels Apples.
2,640,000	1,110,000 Bu. Peaches.
168,000	90,000 Bu. Pears.
380,000	350,000 Pounds Wool.

1917 CROP.

930,000	Bu. Wheat.
77,200,000	Bu. Corn.
9,720,000	Bu. Oats.
000	Bu. Barley.
38,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
12,000	Bu. Rice.
2,952,000	Bu. White Potatoes.
16,020,000	Bu. Sweet Potatoes.
1,158,000	Tons Tame Hay.
37,000	Tons Wild Hay.
146,000	Tons Tobacco.
505,000	Lbs. Cotton.
16,013,000	Bu. Peanuts.
1,453,000	Bu. Apples.
1,830,000	Bu. Peaches.
80,000	Bu. Pears.

ARIZONA

Has 9,227 Farms.
Average 135.1 Acres.

141,004 Farm Population.

1916.	LIVE STOCK.	1917.
53,000	Dairy Cows.	81,000
838,000	Other Cattle.	864,000
40,000	Swine.	80,000
1,849,000	Sheep.	1,632,000
216,327	Goats.	280,000
124,000	Horses.	129,000
7,000	Mules.	8,000
7,100	Jack Stock.	7,200

LIVE STOCK, 1918.

87,000	Dairy Cows.
1,037,000	Other Cattle.
64,000	Swine.
1,550,000	Sheep.
135,000	Horses.
9,000	Mules.
1915.	1916. CROPS.
1,092,000	1,160,000 Bu. Wheat.
600,000	770,000 Bu. Corn.
333,000	338,000 Bu. Oats.
1,295,000	1,120,000 Bu. Barley.
95,000	115,000 Bu. White Potatoes.
470,000	627,000 Tons Tame Hay.
10,000	14,000 Tons Wild Hay.
40,000	46,000 Barrels Apples.
60,000	56,000 Bu. Peaches.
22,000	18,000 Bu. Pears.
5,985,000	5,950,000 Pounds Wool.

1917 CROP.

825,000	Bu. Wheat.
864,000	Bu. Corn.
400,000	Bu. Oats.
1,155,000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
420,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
550,000	Tons Tame Hay.
18,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
152,000	Bu. Beans.
1,980,000	Bu. Kafir.
135,000	Bu. Apples.
60,000	Bu. Peaches.
21,000	Bu. Pears.

ARKANSAS

Has 214,678 Farms.
Average 81.8 Acres.

1,371,768 Farm Population.

1916.	LIVE STOCK.	1917.
402,000	Dairy Cows.	402,000
523,000	Other Cattle.	550,000
1,589,000	Swine.	1,575,000
124,000	Sheep.	124,000
50,038	Goats.	58,000
270,000	Horses.	275,000
240,000	Mules.	250,000
3,000	Jack Stock.	3,100

LIVE STOCK, 1918.

425,000	Dairy Cows.
638,000	Other Cattle.
1,643,000	Swine.
149,000	Sheep.
275,000	Horses.
263,000	Mules.

1915	1916 CROPS.
2,750,000	2,040,000 Bu. Wheat.
62,100,000	45,135,000 Bu. Corn.
10,125,000	7,350,000 Bu. Oats.
10,000	10,000 Bu. Rye.
4,840,000	6,312,000 Bu. Rice.
2,520,000	1,625,000 Bu. White Potatoes.
3,900,000	3,185,000 Bu. Sweet Potatoes.
560,000	469,000 Tons Tame Hay.
127,000	92,000 Tons Wild Hay.
816,002	1,145,000 Bales Cotton.
300,000	250,000 Pounds Tobacco.
1,183,000	1,018,000 Barrels Apples.
5,940,000	2,520,000 Bu. Peaches.
135,000	68,000 Bu. Pears.
385,000	350,000 Pounds Wool.

1917 CROP.

3,360,000	Bu. Wheat.
67,200,000	Bu. Corn.
9,520,000	Bu. Oats.
000	Bu. Barley.
27,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
5,994,000	Bu. Rice.
2,400,000	Bu. White Potatoes.
4,400,000	Bu. Sweet Potatoes.
573,000	Tons Tame Hay.
99,000	Tons Wild Hay.
210,000	Lbs. Tobacco.
895,000	Bales Cotton.
1,110,000	Bu. Peanuts.
2,683,000	Bu. Apples.
840,000	Bu. Peaches.
102,000	Bu. Pears.

CALIFORNIA

Has 88,197 Farms.
Average 316.7 Acres.

907,810 Farm Population.

1916.	LIVE STOCK.	1917.
568,000	Dairy Cows.	591,000
1,554,000	Other Cattle.	1,636,000
947,000	Swine.	994,000
2,450,000	Sheep.	2,524,000
120,829	Goats.	138,000
493,000	Horses.	468,000
70,000	Mules.	70,000
2,500	Jack Stock.	2,600

LIVE STOCK, 1918.

597,000	Dairy Cows.
1,701,000	Other Cattle.
974,000	Swine.
2,776,000	Sheep.
468,000	Horses.
66,000	Mules.

1915

1916

CROPS.

7,040,000	5,600,000	Bu. Wheat.
2,624,000	2,048,000	Bu. Corn.
6,963,000	6,500,000	Bu. Oats.
39,440,000	32,320,000	Bu. Barley.
112,000	104,000	Bu. Rye.
2,268,000	4,543,000	Bu. Rice.
10,140,000	10,575,000	Bu. White Potatoes.
810,000	960,000	Bu. Sweet Potatoes.
4,520,000	4,375,000	Tons Tame Hay.
280,000	240,000	Tons Wild Hay.
28,551	60,000	Bales Cotton.
1,238,000	1,439,000	Tons Sugar Beets.
3,825,000	4,175,000	Bu. Beans.
1,563,000	1,918,000	Barrels Apples.
9,768,000	8,769,000	Bu. Peaches.
1,650,000	1,784,000	Bu. Pears.
11,590,000	600,000	Pounds Hemp.
11,590,000	11,600,000	Pounds Wool.

1917 CROP.

7,425,000	Bu. Wheat.
2,400,000	Bu. Corn.
6,860,000	Bu. Oats.
39,150,000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
5,600,000	Bu. Rice.
15,525,000	Bu. White Potatoes.
1,002,000	Bu. Sweet Potatoes.
4,560,000	Tons Tame Hay.
259,000	Tons Wild Hay.
000	Lbs. Tobacco.
67,000	Bales Cotton.
1,318,000	Tons Sugar Beets.
8,035,000	Bu. Beans.
15,708,000	Lbs. Hops.
5,592,000	Bu. Apples.
14,151,000	Bu. Peaches.
3,523,000	Bu. Pears.
8,632,000	Boxes Oranges.

COLORADO

Has 46,170 Farms.
Average 293.1 Acres.

394,184 Farm Population.

1916.	LIVE STOCK.	1917.
219,000	Dairy Cows.	237,000
1,096,000	Other Cattle.	1,150,000
320,000	Swine.	352,000
1,839,000	Sheep.	1,950,000
30,644	Goats.	35,000
361,000	Horses.	365,000
19,000	Mules.	20,000
3,200	Jack Stock.	3,300

LIVE STOCK, 1918.

257,000	Dairy Cows.
1,274,000	Other Cattle.
356,000	Swine.
2,086,000	Sheep.
399,000	Horses.
26,000	Mules.

1915

1916

CROPS.

13,310,000	11,885,000	Bu. Wheat.
11,280,000	7,362,000	Bu. Corn.
11,700,000	9,570,000	Bu. Oats.
4,680,000	5,120,000	Bu. Barley.
525,000	392,000	Bu. Rye.
9,900	6,000	Bu. Flaxseed.
7,155,000	6,900,000	Bu. White Potatoes.
2,134,000	1,988,000	Tons Tame Hay.
515,000	423,000	Tons Wild Hay.
1,820,000	2,015,000	Tons Sugar Beets.
693,000	725,000	Barrels Apples.
650,000	405,000	Bu. Peaches.

99,000	99,000	Bu. Pears.
340,000	424,000	Bu. Beans.
151,708	100,710	Bu. Onions.
39,700	32,900	Tons Cabbage.
.....	16,300	Pounds Hemp.
400	400	Acres Celery.
7,800,000	8,400,000	Pounds Wool.

1917 CROP.

13,536,000	Bu. Wheat.
10,640,000	Bu. Corn.
11,130,000	Bu. Oats.
5,544,000	Bu. Barley.
432,000	Bu. Rye.
000	Bu. Buckwheat.
14,000	Bu. Flaxseed.
000	Bu. Rice.
9,310,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
2,376,000	Tons Tame Hay.
460,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
1,853,200	Tons Sugar Beets.
1,261,000	Bu. Beans.
1,320,000	Bu. Kafir.
4,650	Tons Broom Corn.
59,400	Tons Cabbage.
2,640,000	Bu. Apples.
1,200,000	Bu. Peaches.
320,000	Bu. Pears.

CONNECTICUT

Has 26,815 Farms.
Average 81.5 Acres.

114,917 Farm Population.

1916.	LIVE STOCK.	1917.
119,000	Dairy Cows.	121,000
72,000	Other Cattle.	73,000
59,000	Swine.	58,000
18,000	Sheep.	18,000
483	Goats.	500
46,000	Horses.	46,000

LIVE STOCK, 1918.

116,000	Dairy Cows.
78,000	Other Cattle.
64,000	Swine.
20,000	Sheep.
45,000	Horses.

1915

1916

CROPS.

3,250,000	2,700,000	Bu. Corn.
422,000	450,000	Bu. Oats.
150,000	137,000	Bu. Rye.
60,000	57,000	Bu. Buckwheat.
2,280,000	2,090,000	Bu. White Potatoes.
493,000	574,000	Tons Tame Hay.
12,000	15,000	Tons Wild Hay.
29,970,000	36,186,000	Pounds Tobacco.
511,000	610,000	Barrels Apples.
335,000	136,000	Bu. Peaches.
36,000	46,000	Bu. Pears.
80,000	75,000	Pounds Wool.

1917 CROP.

000	Bu. Wheat.
4,485,000	Bu. Corn.
660,000	Bu. Oats.
000	Bu. Barley.
144,000	Bu. Rye.
52,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
3,190,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
525,000	Tons Tame Hay.
15,000	Tons Wild Hay.
29,540,000	Lbs. Tobacco.
000	Bales Cotton.
1,316,000	Bu. Apples.
268,000	Bu. Peaches.
29,000	Bu. Pears.

DELAWARE

Has 10,836 Farms.
Average 95.9 Acres.

105,237 Farm Population.

1916.	LIVE STOCK.	1917.
42,000	Dairy Cows.	43,000
21,000	Other Cattle.	21,000
61,000	Swine.	60,000
3,000	Sheep.	8,000
36,000	Horses.	36,000
6,000	Mules.	6,000

LIVE STOCK, 1918.

43,000	Dairy Cows.
23,000	Other Cattle.

64,000	Swine.	
10,000	Sheep.	
36,000	Horses.	
6,000	Mules.	
1915	1916	CROPS.
1,875,000	1,860,000	Bu. Wheat.
6,615,000	6,970,000	Bu. Corn.
134,000	120,000	Bu. Oats.
16,000	15,000	Bu. Rye.
56,000	57,000	Bu. Buckwheat.
1,045,000	90,000	Bu. White Potatoes.
675,000	625,000	Bu. Sweet Potatoes.
84,000	116,000	Tons Tame Hay.
12,000	13,000	Tons Wild Hay.
122,000	83,000	Barrels Apples.
842,000	35,000	Bu. Peaches.
228,000	164,000	Bu. Pears.
30,000	30,000	Pounds Wool.
	1917	CROP.
2,162,000	Bu. Wheat.	
7,820,000	Bu. Corn.	
128,000	Bu. Oats.	
000	Bu. Barley.	
16,000	Bu. Rye.	
60,000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
000	Bu. Rice.	
1,235,000	Bu. White Potatoes.	
560,000	Bu. Sweet Potatoes.	
98,000	Tons Tame Hay.	
11,000	Tons Wild Hay.	
000	Lbs. Tobacco.	
000	Bales Cotton.	
450,000	Bu. Apples.	
647,000	Bu. Peaches.	
294,000	Bu. Pears.	

FLORIDA

Has 50,016 Farms.
Average 105.6 Acres.

533,539 Farm Population.

1916.	LIVE STOCK.	1917.
136,000	Dairy Cows.	141,000
772,000	Other Cattle.	865,000
996,000	Swine.	1,100,000
119,000	Sheep.	119,000
40,521	Goats.	47,000
59,000	Horses.	60,000
29,000	Mules.	31,000

LIVE STOCK, 1918.

145,000	Dairy Cows.	
891,000	Other Cattle.	
1,375,000	Swine.	
120,000	Sheep.	
62,000	Horses.	
33,000	Mules.	
1915	1916	CROPS.
12,000,000	12,600,000	Bu. Corn.
1,220,000	900,000	Bu. Oats.
12,000	13,000	Bu. Rice.
960,000	1,110,000	Bu. White Potatoes.
2,576,000	2,500,000	Bu. Sweet Potatoes.
61,000	70,000	Tons Tame Hay.
12,000	10,000	Tons Wild Hay.
47,831	43,000	Bales Cotton.
3,549,000	3,025,000	Pounds Tobacco.
177,000	106,000	Bu. Peaches.
104,000	51,000	Bu. Pears.
330,000	345,000	Pounds Wool.

1917 CROP.

000	Bu. Wheat.	
13,875,000	Bu. Corn.	
770,000	Bu. Oats.	
000	Bu. Barley.	
000	Bu. Rye.	
000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
21,000	Bu. Rice.	
2,275,000	Bu. White Potatoes.	
3,500,000	Bu. Sweet Potatoes.	
110,000	Tons Tame Hay.	
8,000	Tons Wild Hay.	
3,410,000	Lbs. Tobacco.	
40,000	Bales Cotton.	
1,400,000	Bu. Peanuts.	
000	Bu. Apples.	
122,000	Bu. Peaches.	
46,600	Bu. Pears.	
4,200,000	Boxes Oranges.	

GEORGIA

Has 291,027 Farms.
Average 92.6 Acres.

2,070,471	Farm Population.	
414,000	Dairy Cows.	418,000

686,000	Other Cattle.	686,000
2,348,000	Swine.	2,585,000
161,000	Sheep.	150,000
79,959	Goats.	85,000
125,000	Horses.	127,000
315,000	Mules.	324,000

LIVE STOCK, 1918.

435,000	Dairy Cows.	
755,000	Other Cattle.	
2,766,000	Swine.	
144,000	Sheep.	
130,000	Horses.	
334,000	Mules.	
1915	1916	CROPS.
3,573,000	3,803,000	Bu. Wheat.
64,950,000	62,000,000	Bu. Corn.
17,648,000	16,770,000	Bu. Oats.
120,000	124,000	Bu. Rye.
28,000	16,000	Bu. Rice.
1,040,000	900,000	Bu. White Potatoes.
8,075,000	7,520,000	Bu. Sweet Potatoes.
345,000	375,000	Tons Tame Hay.
17,000	18,000	Tons Wild Hay.
1,496,000	1,534,000	Pounds Tobacco.
1,900,000	1,845,000	Bales Cotton.
625,000	541,000	Barrels Apples.
5,330,000	3,510,000	Bu. Peaches.
203,000	135,000	Bu. Pears.
460,000	495,000	Pounds Wool.
	1917	CROP.

2,074,000	Bu. Wheat.	
72,000,000	Bu. Corn.	
10,400,000	Bu. Oats.	
000	Bu. Barley.	
128,000	Bu. Rye.	
000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
27,000	Bu. Rice.	
1,596,000	Bu. White Potatoes.	
11,625,000	Bu. Sweet Potatoes.	
562,000	Tons Tame Hay.	
14,000	Tons Wild Hay.	
1,600,000	Lbs. Tobacco.	
1,820,000	Bales Cotton.	
9,435,000	Bu. Peanuts.	
1,754,000	Bu. Apples.	
4,716,000	Bu. Peaches.	
140,000	Bu. Pears.	

IDAHO

Has 30,807 Farms.
Average 171.5 Acres.

255,696 Farm Population.

1916.	LIVE STOCK.	1917.
126,000	Dairy Cows.	130,000
406,000	Other Cattle.	413,000
344,000	Swine.	292,000
3,102,000	Sheep.	3,195,000
5,797	Goats.	6,000
241,000	Horses.	239,000
4,000	Mules.	4,000

LIVE STOCK, 1918.

139,000	Dairy Cows.	
488,000	Other Cattle.	
219,000	Swine.	
3,202,000	Sheep.	
258,000	Horses.	
4,000	Mules.	
1915	1916	CROPS.
18,730,000	15,071,000	Bu. Wheat.
770,000	735,000	Bu. Corn.
15,745,000	13,330,000	Bu. Oats.
7,736,000	7,410,000	Bu. Barley.
60,000	31,000	Bu. Rye.
3,590,000	4,050,000	Bu. White Potatoes.
1,828,000	1,812,000	Tons Tame Hay.
157,000	131,000	Tons Wild Hay.
375,000	427,000	Tons Sugar Beets.
573,000	147,000	Barrels Apples.
162,000	23,000	Bu. Peaches.
75,000	50,000	Bu. Pears.
15,285,000	15,090,000	Pounds Wool.

1917 CROP.

13,830,000	Bu. Wheat.	
682,000	Bu. Corn.	
10,450,000	Bu. Oats.	
5,510,000	Bu. Barley.	
31,000	Bu. Rye.	
000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
000	Bu. Rice.	
6,084,000	Bu. White Potatoes.	
000	Bu. Sweet Potatoes.	
2,175,000	Tons Tame Hay.	
162,000	Tons Wild Hay.	
000	Lbs. Tobacco.	
000	Bales Cotton.	

329,800 Tons Sugar Beets.
80,000 Bu. Clover Seed.
1,995,000 Bu. Apples.
165,000 Bu. Peaches.
70,000 Bu. Pears.

ILLINOIS

Has 251,872 Farms.
Average 129.1 Acres.

2,161,662 Farm Population.

1916.	LIVE STOCK.	1917.
1,047,000	Dairy Cows.	1,057,000
1,239,000	Other Cattle.	1,251,000
4,489,000	Swine.	4,444,000
907,000	Sheep.	898,000
12,000	Goats.	13,000
1,452,000	Horses.	1,452,000
152,000	Mules.	150,000
2,800	Jack Stock.	3,000

LIVE STOCK, 1918.

1,057,000	Dairy Cows.
1,314,000	Other Cattle.
5,111,000	Swine.
988,000	Sheep.
1,467,000	Horses.
150,000	Mules.

1915. 1916 CROPS.

53,200,000	16,225,000 Bu. Wheat.
376,164,400	390,800,000 Bu. Corn.
195,435,000	173,095,000 Bu. Oats.
1,836,000	1,920,000 Bu. Barley.
906,000	666,000 Bu. Rye.
68,000	68,000 Bu. Buckwheat.
595,000	525,000 Pounds Tobacco.
13,860,000	7,250,000 Bu. White Potatoes.
880,000	720,000 Bu. Sweet Potatoes.
3,696,000	4,495,000 Tons Tame Hay.
124,000	156,000 Tons Wild Hay.
4,716,000	1,616,000 Barrels Apples.
874,000	810,000 Bu. Peaches.
496,000	354,000 Bu. Pears.
3,975,000	3,855,000 Pounds Wool.

1917 CROP.

30,400,000	Bu. Wheat.
418,000,000	Bu. Corn.
244,400,000	Bu. Oats.
2,475,000	Bu. Barley.
752,000	Bu. Rye.
76,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
13,500,000	Bu. White Potatoes.
776,000	Bu. Sweet Potatoes.
3,438,000	Tons Tame Hay.
104,000	Tons Wild Hay.
560,000	Lbs. Tobacco.
8,250	Tons Broom Corn.
115,000	Bu. Clover Seed.
7,500,000	Bu. Apples.
384,000	Bu. Peaches.
456,000	Bu. Pears.

INDIANA

Has 215,485 Farms.
Average 98.8 Acres.

1,557,041 Farm Population.

1916.	LIVE STOCK.	1917.
672,000	Dairy Cows.	706,000
728,000	Other Cattle.	735,000
4,167,000	Swine.	3,970,000
1,038,000	Sheep.	1,005,000
7,000	Goats.	7,000
854,000	Horses.	845,000
55,000	Mules.	95,000
1,646	Jack Stock.	1,700

LIVE STOCK, 1918.

713,000	Dairy Cows.
757,000	Other Cattle.
4,168,000	Swine.
998,000	Sheep.
837,000	Horses.
95,000	Mules.

1915. 1916. CROPS.

47,300,000	19,440,000 Bu. Wheat.
190,950,000	174,658,000 Bu. Corn.
65,520,000	52,500,000 Bu. Oats.
224,000	405,000 Bu. Barley.
2,400,000	2,590,000 Bu. Rye.
70,000	144,000 Bu. Buckwheat.
7,125,000	3,256,000 Bu. White Potatoes.
208,000	300,000 Bu. Sweet Potatoes.
3,030,000	3,312,000 Tons Tame Hay.
78,000	91,000 Tons Wild Hay.
11,340,000	13,784,000 Pounds Tobacco.
3,883,000	1,307,000 Barrels Apples.

648,000	833,000 Bu. Peaches.
410,000	351,000 Bu. Pears.
564,880	744,896 Bu. Onions.
6,500	3,900 Tons Cabbage.
4,690,000	4,420,000 Pounds Wool.

1917 CROP.

33,392,000	Bu. Wheat.
203,436,000	Bu. Corn.
76,440,000	Bu. Oats.
671,000	Bu. Barley.
3,000,000	Bu. Rye.
150,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
8,464,000	Bu. White Potatoes.
318,000	Bu. Sweet Potatoes.
3,004,000	Tons Tame Hay.
88,000	Tons Wild Hay.
14,060,000	Lbs. Tobacco.
60,000	Bu. Beans.
17,280	Tons Cabbage.
202,000	Bu. Clover Seed.
5,915,000	Bu. Apples.
592,000	Bu. Peaches.
410,000	Bu. Pears.

IOWA

Has 217,044 Farms.
Average 156.3 Acres.

1,544,717 Farm Population.

1916.	LIVE STOCK.	1917.
1,391,900	Dairy Cows.	1,405,000
2,737,000	Other Cattle.	2,754,000
9,069,000	Swine.	9,370,000
1,274,000	Sheep.	1,240,000
20,500	Goats.	21,000
1,584,900	Horses.	1,552,000
61,000	Mules.	62,000
1,700	Jack Stock.	1,700

LIVE STOCK, 1918.

1,405,000	Dairy Cows.
2,919,000	Other Cattle.
10,307,000	Swine.
1,224,000	Sheep.
1,583,000	Horses.
69,000	Mules.

1915 1916 CROPS.

15,557,000	10,450,000 Bu. Wheat.
303,000,000	366,825,000 Bu. Corn.
198,000,000	186,850,000 Bu. Oats.
10,943,000	8,702,000 Bu. Barley.
1,110,000	985,000 Bu. Rye.
91,000	150,000 Bu. Buckwheat.
162,000	180,000 Bu. Flaxseed.
15,540,000	4,830,000 Bu. White Potatoes.
285,000	273,000 Bu. Sweet Potatoes.
5,576,000	5,796,000 Tons Tame Hay.
1,116,000	845,000 Tons Wild Hay.
3,220,000	1,575,000 Barrels Apples.
112,000	64,000 Bu. Peaches.
106,000	63,000 Bu. Pears.
210,800	162,155 Bu. Onions.
28,100	10,800 Tons Cabbage.
5,325,000	4,875,000 Pounds Wool.

1917 CROP.

8,350,000	Bu. Wheat.
410,700,000	Bu. Corn.
246,750,000	Bu. Oats.
10,500,000	Bu. Barley.
900,000	Bu. Rye.
132,000	Bu. Buckwheat.
132,000	Bu. Flaxseed.
000	Bu. Rice.
13,100,000	Bu. White Potatoes.
270,000	Bu. Sweet Potatoes.
3,887,000	Tons Tame Hay.
738,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
42,000	Bu. Beans.
13,260	Tons Cabbage.
30,000	Bu. Clover Seed.
5,775,000	Bu. Apples.
30,000	Bu. Peaches.
82,000	Bu. Pears.

KANSAS

Has 177,841 Farms.
Average 244.0 Acres.

1,107,159 Farm Population.

1916.	LIVE STOCK.	1917.
762,000	Dairy Cows.	900,000
1,945,000	Other Cattle.	2,115,000
3,815,000	Swine.	2,535,000
341,000	Sheep.	348,000

8,800	Goats.	9,000
1,109,000	Horses.	1,120,000
245,000	Mules.	265,000
5,400	Mules.	5,500

LIVE STOCK, 1918.

945,000	Dairy Cows.	
2,354,000	Other Cattle.	
2,566,000	Swine.	
418,000	Sheep.	
1,142,000	Horses.	
280,000	Mules.	
1915	1916	CROPS.
106,538,000	98,022,000	Bu. Wheat.
172,050,000	69,500,000	Bu. Corn.
43,725,000	36,425,000	Bu. Oats.
8,370,000	4,800,000	Bu. Barley.
800,000	667,000	Bu. Rye.
14,000	.....	Bu. Buckwheat.
205,000	174,000	Bu. Flaxseed.
5,893,000	4,970,000	Bu. White Potatoes.
440,000	368,000	Bu. Sweet Potatoes.
4,062,000	2,601,000	Tons Tame Hay.
2,240,000	1,650,000	Tons Wild Hay.
2,125,000	1,040,000	Barrels Apples.
2,516,000	172,000	Bu. Peaches.
133,000	77,000	Bu. Pears.
1,240,000	1,320,000	Pounds Wool.

1917 CROP.

45,934,000	Bu. Wheat.	
128,184,000	Bu. Corn.	
70,804,000	Bu. Oats.	
7,500,000	Bu. Barley.	
1,140,000	Bu. Rye.	
000	Bu. Buckwheat.	
238,000	Bu. Flaxseed.	
000	Bu. Rice.	
4,446,000	Bu. White Potatoes.	
368,000	Bu. Sweet Potatoes.	
2,217,000	Tons Tame Hay.	
1,014,000	Tons Wild Hay.	
000	Lbs. Tobacco.	
000	Bales Cotton.	
31,890,000	Bu. Kafirs.	
12,000	Tons Broom Corn.	
11,000	Bu. Clover Seed.	
3,375,000	Bu. Apples.	
121,000	Bu. Peaches.	
140,000	Bu. Pears.	

KENTUCKY

Has 259,185 Farms.
Average 85.6 Acres.

1,734,463 Farm Population.

1916.	LIVE STOCK.	1917.
406,000	Dairy Cows.	418,000
570,000	Other Cattle.	570,000
1,709,000	Swine.	1,589,000
1,555,000	Sheep.	1,155,000
29,000	Goats.	30,000
434,000	Horses.	434,000
229,000	Mules.	224,000
4,600	Jack Stock.	4,700

LIVE STOCK, 1918.

435,000	Dairy Cows.	
581,000	Other Cattle.	
1,716,000	Swine.	
1,270,000	Sheep.	
443,000	Horses.	
224,000	Mules.	
1915	1916	CROPS.
9,900,000	8,010,000	Bu. Wheat.
114,000,000	95,200,000	Bu. Corn.
5,460,000	6,300,000	Bu. Oats.
180,000	156,000	Bu. Barley.
288,000	246,000	Bu. Rye.
6,426,000	4,116,000	Bu. White Potatoes.
1,050,000	900,000	Bu. Sweet Potatoes.
1,225,000	1,415,000	Tons Tame Hay.
6,000	6,000	Tons Wild Hay.
356,400,000	435,600,000	Pounds Tobacco.
4,170,000	2,147,000	Barrels Apples.
1,320,000	880,000	Bu. Peaches.
264,000	160,000	Bu. Pears.
3,125,000	3,185,000	Pounds Wool.

1917 CROP.

9,000,000	Bu. Wheat.	
122,850,000	Bu. Corn.	
8,060,000	Bu. Oats.	
140,000	Bu. Barley.	
375,000	Bu. Rye.	
000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
000	Bu. Rice.	
6,720,000	Bu. White Potatoes.	
1,140,000	Bu. Sweet Potatoes.	
1,268,000	Tons Tame Hay.	

8,000	Tons Wild Hay.	
426,000,000	Lbs. Tobacco.	
000	Bales Cotton.	
46,000	Bu. Clover Seed.	
9,125,000	Bu. Apples.	
1,034,000	Bu. Peaches.	
204,000	Bu. Pears.	

LOUISIANA

Has 120,546 Farms.
Average 86.6 Acres.

1,159,872 Farm Population.

1916.	LIVE STOCK.	1917.
271,000	Dairy Cows.	274,000
475,000	Other Cattle.	475,000
1,553,000	Swine.	1,584,000
185,000	Sheep.	240,000
57,000	Goats.	58,000
193,000	Horses.	195,000
132,000	Mules.	139,000

LIVE STOCK, 1918.

324,000	Dairy Cows.	
578,000	Other Cattle.	
1,568,000	Swine.	
209,000	Sheep.	
207,000	Horses.	
156,000	Mules.	
1915	1916	CROPS.
45,100,000	44,814,000	Bu. Corn.
3,000,000	2,090,000	Bu. Oats.
13,714,000	20,392,000	Bu. Rice.
1,428,000	1,625,000	Bu. White Potatoes.
5,980,000	5,760,000	Bu. Sweet Potatoes.
438,000	429,000	Tons Tame Hay.
35,000	42,000	Tons Wild Hay.
341,063	440,000	Bales Cotton.
126,000	90,000	Pounds Tobacco.
456,000	560,900	Bu. Peaches.
55,000	49,000	Bu. Pears.
2,000,000	4,172,000	Tons Sugar Cane.
536,000	590,000	Pounds Wool.

1917 CROP.

000	Bu. Wheat.	
42,246,000	Bu. Corn.	
1,873,000	Bu. Oats.	
000	Bu. Barley.	
000	Bu. Rye.	
000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
18,250,000	Bu. Rice.	
1,600,000	Bu. White Potatoes.	
4,898,000	Bu. Sweet Potatoes.	
416,000	Tons Tame Hay.	
39,000	Tons Wild Hay.	
210,000	Lbs. Tobacco.	
615,000	Bales Cotton.	
1,015,000	Bu. Peanuts.	
000	Bu. Apples.	
478,000	Bu. Peaches.	
52,000	Bu. Pears.	

MAINE

Has 60,016 Farms.
Average 104.9 Acres.

360,928 Farm Population.

1916.	LIVE STOCK.	1917.
159,000	Dairy Cows.	162,000
104,000	Other Cattle.	110,000
102,000	Swine.	100,000
162,000	Sheep.	157,000
112,000	Horses.	109,000

LIVE STOCK, 1918.

170,000	Dairy Cows.	
127,000	Other Cattle.	
100,000	Swine.	
163,000	Sheep.	
109,000	Horses.	
1915	1916	CROPS.
112,000	135,000	Bu. Wheat.
656,000	645,000	Bu. Corn.
6,080,000	6,120,000	Bu. Oats.
132,000	156,000	Bu. Barley.
338,000	336,000	Bu. Buckwheat.
22,010,000	25,500,000	Bu. White Potatoes.
1,397,000	1,740,000	Tons Tame Hay.
23,000	27,000	Tons Wild Hay.
720,000	1,680,000	Barrels Apples.
30,000	38,000	Bu. Peaches.
850,000	850,000	Pounds Wool.
		1917 CROP.
154,000	Bu. Wheat.	
780,000	Bu. Corn.	
4,930,000	Bu. Oats.	
147,000	Bu. Barley.	

000	Bu. Rye.
322,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
20,250,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,566,000	Tons Tame Hay.
21,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
330,000	Bu. Beans.
4,617,000	Bu. Apples.
000	Bu. Peaches.
24,000	Bu. Pears.

MARYLAND

Has 48,923 Farms.
Average 103.4 Acres.

637,154 Farm Population.

1916.	LIVE STOCK.	1917.
181,000	Dairy Cows.	183,000
125,000	Other Cattle.	125,000
359,000	Swine.	359,000
223,000	Sheep.	223,000
2,000	Goats.	2,000
169,000	Horses.	169,000
25,000	Mules.	25,000

LIVE STOCK, 1918.

181,000	Dairy Cows.
134,000	Other Cattle.
388,000	Swine.
234,000	Sheep.
171,000	Horses.
25,000	Mules.

1915 1916 CROPS.

10,272,000	10,240,000	Bu. Wheat.
24,850,000	27,300,000	Bu. Corn.
1,530,000	1,357,000	Bu. Oats.
170,000	192,000	Bu. Barley.
396,000	356,000	Bu. Rye.
220,000	189,000	Bu. Buckwheat.
4,268,000	4,035,000	Bu. White Potatoes.
1,010,000	1,134,000	Bu. Sweet Potatoes.
468,000	688,000	Tons Tame Hay.
4,000	6,000	Tons Wild Hay.
16,280,000	19,635,000	Pounds Tobacco.
800,000	843,000	Barrels Apples.
1,248,000	610,000	Bu. Peaches.
483,000	373,000	Bu. Pears.
750,000	750,000	Pounds Wool.

1917 CROP.

11,475,000	Bu. Wheat.
23,080,000	Bu. Corn.
1,457,000	Bu. Oats.
156,000	Bu. Barley.
384,000	Bu. Rye.
220,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
6,000,000	Bu. White Potatoes.
1,180,000	Bu. Sweet Potatoes.
552,000	Tons Tame Hay.
6,000	Tons Wild Hay.
22,594,000	Lbs. Tobacco.
000	Bales Cotton.
2,525,000	Bu. Apples.
975,000	Bu. Peaches.
525,000	Bu. Pears.

MASSACHUSETTS

Has 36,917 Farms.
Average 79.9 Acres.

241,049 Farm Population.

1916.	LIVE STOCK.	1917.
155,000	Dairy Cows.	160,000
35,000	Other Cattle.	38,000
112,000	Swine.	112,000
28,000	Sheep.	25,000
1,200	Goats.	1,200
63,000	Horses.	59,000

LIVE STOCK, 1918.

154,000	Dairy Cows.
97,000	Other Cattle.
113,000	Swine.
28,000	Sheep.
57,000	Horses.

1915 1916 CROPS.

2,304,000	1,784,000	Bu. Corn.
324,000	480,000	Bu. Oats.
60,000	56,000	Bu. Rye.
32,000	32,000	Bu. Buckwheat.
3,120,000	2,275,000	Bu. White Potatoes.
1,357,358	1,292,000	Bu. Onions.
705,000	749,000	Tons Tame Hay.

25,000	21,000	Tons Wild Hay.
9,680,000	12,118,000	Pounds Tobacco.
885,000	221,000	Barrels Cranberries.
152,000	1,150,000	Barrels Apples.
75,000	66,000	Bu. Peaches.
115,000	114,000	Bu. Pears.
	125,000	Pounds Wool.

1917 CROP.

000	Bu. Wheat.
2,806,000	Bu. Corn.
444,000	Bu. Oats.
000	Bu. Barley.
57,000	Bu. Rye.
30,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
4,370,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
690,000	Tons Tame Hay.
24,000	Tons Wild Hay.
11,833,000	Lbs. Tobacco.
000	Bales Cotton.
40,000	Bu. Beans.
2,186,000	Bu. Apples.
145,000	Bu. Peaches.
71,000	Bu. Pears.

MICHIGAN

Has 206,960 Farms.
Average 91.5 Acres.

1,483,129 Farm Population.

1916.	LIVE STOCK.	1917.
847,000	Dairy Cows.	856,000
735,000	Other Cattle.	720,000
1,462,000	Swine.	1,345,000
1,931,000	Sheep.	1,834,000
5,800	Goats.	6,000
680,000	Horses.	680,000
4,000	Mules.	4,000

LIVE STOCK, 1918.

874,000	Dairy Cows.
752,000	Other Cattle.
1,372,000	Swine.
1,926,000	Sheep.
680,000	Horses.
4,000	Mules.

1915 1916 CROPS.

20,448,000	13,600,000	Bu. Wheat.
56,000,000	45,375,000	Bu. Corn.
64,260,000	42,600,000	Bu. Oats.
2,508,000	2,450,000	Bu. Barley.
6,045,000	4,618,000	Bu. Rye.
870,000	825,000	Bu. Buckwheat.
20,945,000	15,360,000	Bu. White Potatoes.
41,400	17,400	Tons Cabbage.
223,920	204,820	Bu. Onions.
3,458,000	4,372,000	Tons Tame Hay.
39,000	51,000	Tons Wild Hay.
1,071,099	604,000	Tons Sugar Beets.
4,250,000	3,102,000	Bu. Beans.
3,150,000	4,160,000	Barrels Apples.
2,860,000	2,010,000	Bu. Peaches.
550,000	836,000	Bu. Pears.
3,118	3,134	Acres Celery.
8,075,000	8,275,000	Pounds Wool.

1917 CROP.

15,210,000	Bu. Wheat.
37,625,000	Bu. Corn.
56,575,000	Bu. Oats.
3,445,000	Bu. Barley.
8,115,000	Bu. Rye.
675,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
35,910,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
3,837,000	Tons Tame Hay.
45,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
596,500	Tons Sugar Beets.
3,515,000	Bu. Beans.
53,500	Tons Cabbage.
176,000	Bu. Clover Seed.
5,160,000	Bu. Apples.
744,000	Bu. Peaches.
1,080,000	Bu. Pears.

MINNESOTA

Has 156,137 Farms.
Average 177.3 Acres.

1,225,414 Farm Population.

1916.	LIVE STOCK.	1917.
1,210,000	Dairy Cows.	1,302,000
1,232,000	Other Cattle.	1,340,000

1,716,000	Swine.	1,733,000
536,000	Sheep.	541,000
4,000	Goats.	4,000
872,000	Horses.	900,000
6,000	Mules.	6,000

LIVE STOCK, 1918.

1,328,000	Dairy Cows.
1,540,000	Other Cattle.
2,241,000	Swine.
568,000	Sheep.
944,000	Horses.
6,000	Mules.

1915

1916

CROPS.

73,420,000	27,555,000	Bu. Wheat.
62,100,000	84,420,000	Bu. Corn.
134,375,000	88,112,000	Bu. Oats.
41,170,000	26,125,000	Bu. Barley.
5,850,000	5,025,000	Bu. Rye.
122,000	150,000	Bu. Buckwheat.
3,150,000	2,338,000	Bu. Flaxseed.
30,210,000	16,800,000	Bu. White Potatoes.
21,000	9,700	Tons Cabbage.
385,125	211,768	Bu. Onions.
3,209,000	3,496,000	Tons Tame Hay.
2,565,000	2,888,000	Tons Wild Hay.
412,000	422,000	Barrels Apples.
2,660,000	2,695,000	Pounds Wool.

1917 CROP.

57,965,000	Bu. Wheat.
90,000,000	Bu. Corn.
120,250,000	Bu. Oats.
37,800,000	Bu. Barley.
7,585,000	Bu. Rye.
154,000	Bu. Buckwheat.
1,980,000	Bu. Flaxseed.
000	Bu. Rice.
33,600,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
2,868,000	Tons Tame Hay.
2,356,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
23,240	Tons Cabbage.
55,000	Bu. Clover Seed.
1,445,000	Bu. Apples.
000	Bu. Peaches.
000	Bu. Pears.

MISSISSIPPI

Has 274,382 Farms.
Average 67.6 Acres.

1,589,803 Farm Population.

1916.	LIVE STOCK.	1917.
447,000	Dairy Cows.	450,000
535,000	Other Cattle.	535,000
1,617,000	Swine.	1,698,000
208,000	Sheep.	193,000
48,000	Goats.	50,000
243,000	Horses.	243,000
292,000	Mules.	292,000
1,800	Jack Stock.	1,900

LIVE STOCK, 1918.

508,000	Dairy Cows.
644,000	Other Cattle.
1,902,000	Swine.
174,000	Sheep.
253,000	Horses.
307,000	Mules.

1915

1916

CROPS.

100,000	90,000	Bu. Wheat.
69,350,000	47,600,000	Bu. Corn.
5,375,000	5,760,000	Bu. Oats.
45,000	53,000	Bu. Rice.
1,170,000	780,000	Bu. White Potatoes.
8,250,000	6,314,000	Bu. Sweet Potatoes.
350,000	371,000	Tons Tame Hay.
50,000	52,000	Tons Wild Hay.
954,000	800,000	Bales Cotton.
141,000	116,000	Barrels Apples.
1,540,000	1,000,000	Bu. Peaches.
160,000	90,000	Bu. Pears.
520,000	540,000	Pounds Wool.

1917 CROP.

210,000	Bu. Wheat.
84,050,000	Bu. Corn.
5,700,000	Bu. Oats.
000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
63,000	Bu. Rice.
1,092,000	Bu. White Potatoes.
5,525,000	Bu. Sweet Potatoes.
371,000	Tons Tame Hay.
49,000	Tons Wild Hay.
2,820,000	Lbs. Tobacco.

895,000	Bales Cotton.
136,000	Bu. Peanuts.
315,000	Bu. Apples.
375,000	Bu. Peaches.
30,000	Bu. Pears.

MISSOURI

Has 277,244 Farms.
Average 124.8 Acres.

1,894,518 Farm Population.

1916.	LIVE STOCK.	1917.
837,000	Dairy Cows.	845,000
1,555,000	Other Cattle.	1,600,000
4,505,000	Swine.	4,280,000
1,416,000	Sheep.	1,370,000
74,000	Goats.	75,000
1,084,000	Horses.	1,040,000
329,000	Mules.	350,000
12,800	Jack Stock.	14,000

LIVE STOCK, 1918.

910,000	Dairy Cows.
1,782,000	Other Cattle.
4,708,000	Swine.
1,466,000	Sheep.
1,040,000	Horses.
367,000	Mules.

1915

1916

CROPS.

34,108,000	16,575,000	Bu. Wheat.
209,450,000	132,112,000	Bu. Corn.
31,850,000	32,250,000	Bu. Oats.
125,000	100,000	Bu. Barley.
339,000	231,000	Bu. Rye.
45,000	50,000	Bu. Buckwheat.
48,000	35,000	Bu. Flaxseed.
10,000	10,000	Bu. Rice.
8,820,000	5,460,000	Bu. White Potatoes.
700,000	490,000	Bu. Sweet Potatoes.
4,636,000	4,355,000	Tons Tame Hay.
150,000	154,000	Tons Wild Hay.
47,999	62,000	Bales Cotton.
3,150,000	3,040,000	Pounds Tobacco.
6,287,000	2,700,000	Barrels Apples.
3,300,000	1,080,000	Bu. Peaches.
294,000	164,000	Bu. Pears.
4,890,000	4,625,000	Pounds Wool.

1917 CROP.

27,540,000	Bu. Wheat.
252,000,000	Bu. Corn.
59,200,000	Bu. Oats.
150,000	Bu. Barley.
441,000	Bu. Rye.
90,000	Bu. Buckwheat.
51,000	Bu. Flaxseed.
18,000	Bu. Rice.
9,483,000	Bu. White Potatoes.
896,000	Bu. Sweet Potatoes.
3,657,000	Tons Tame Hay.
139,000	Tons Wild Hay.
000	Lbs. Tobacco.
51,000	Bales Cotton.
92,000	Bu. Beans.
18,000	Bu. Peanuts.
85,000	Bu. Clover Seed.
12,375,000	Bu. Apples.
800,000	Bu. Peaches.
265,000	Bu. Pears.

MONTANA

Has 26,214 Farms.
Average 516.7 Acres.

242,633 Farm Population.

1916.	LIVE STOCK.	1917.
129,000	Dairy Cows.	148,000
894,000	Other Cattle.	983,000
298,000	Swine.	269,000
3,911,000	Sheep.	3,744,000
4,500	Goats.	5,000
430,000	Horses.	452,000
4,000	Mules.	4,000

LIVE STOCK, 1918.

179,000	Dairy Cows.
980,000	Other Cattle.
215,000	Swine.
3,045,000	Sheep.
506,000	Horses.
5,000	Mules.

1915

1916

CROPS.

33,285,000	28,655,000	Bu. Wheat.
1,960,000	1,850,000	Bu. Corn.
31,200,000	25,080,000	Bu. Oats.
2,720,000	2,660,000	Bu. Barley.
225,000	205,000	Bu. Rye.
1,890,000	3,088,000	Bu. Flaxseed.

6,045,000	4,875,000 Bu. White Potatoes.
1,550,000	1,402,000 Tons Tame Hay.
701,004	581,000 Tons Wild Hay.
347,000	256,000 Barrels Apples.
12,000	6,000 Bu. Pears.
26,950,000	24,570,000 Pounds Wool.
1917 CROP.	
17,963,000	Bu. Wheat.
1,012,000	Bu. Corn.
13,600,000	Bu. Oats.
1,350,000	Bu. Barley.
114,000	Bu. Rye.
000	Bu. Buckwheat.
1,266,000	Bu. Flaxseed.
000	Bu. Rice.
5,415,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,063,000	Tons Tame Hay.
402,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
911,000	Bu. Apples.
000	Bu. Peaches.
11,000	Bu. Pears.

NEBRASKA

Has 129,678 Farms.
Average 297.8 Acres.

881,362 Farm Population.

1916.	LIVE STOCK.	1917.
650,000	Dairy Cows.	676,000
2,237,000	Other Cattle.	2,249,000
4,266,000	Swine.	4,309,000
374,000	Sheep.	581,000
3,000	Goats.	3,500
1,028,000	Horses.	1,018,000
98,000	Mules.	112,000
2,100	Jack Stock.	2,200

LIVE STOCK, 1918.

703,000	Dairy Cows.
2,803,000	Other Cattle.
4,200,000	Swine.
408,000	Sheep.
1,049,000	Horses.
118,000	Mules.
1915	1916 CROPS.
72,154,000	68,550,000 Bu. Wheat.
213,000,000	192,400,000 Bu. Corn.
70,400,000	79,875,000 Bu. Oats.
3,255,000	3,080,000 Bu. Barley.
3,500,000	3,072,000 Bu. Rye.
20,000	17,000 Bu. Buckwheat.
7,000	32,000 Bu. Flaxseed.
11,550,000	7,665,000 Bu. White Potatoes.
4,290,000	4,070,000 Tons Tame Hay.
3,480,000	3,130,000 Tons Wild Hay.
1,267,000	567,000 Barrels Apples.
120,000	29,000 Bu. Peaches.
18,000	10,000 Bu. Pears.
1,665,000	1,830,000 Pounds Wool.

1917 CROP.

13,764,000	Bu. Wheat.
249,480,000	Bu. Corn.
115,444,000	Bu. Oats.
5,644,000	Bu. Barley.
3,354,000	Bu. Rye.
32,000	Bu. Buckwheat.
28,000	Bu. Flaxseed.
000	Bu. Rice.
12,495,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
2,544,000	Tons Tame Hay.
2,611,000	Tons Wild Hay.
000	Lbs. Tobacco.
5,000	Bu. Clover Seed.
2,400,000	Bu. Apples.
000	Bu. Peaches.
14,000	Bu. Pears.

NEVADA

Has 2,689 Farms.
Average 1,009.6 Acres.

68,508 Farm Population.

1916.	LIVE STOCK.	1917.
25,000	Dairy Cows.	26,000
472,000	Other Cattle.	470,000
40,000	Swine.	37,000
1,532,000	Sheep.	1,455,000
1,800	Goats.	5,000
77,000	Horses.	73,000
3,000	Mules.	3,000

LIVE STOCK, 1918.

28,000	Dairy Cows.
517,000	Other Cattle.

37,000	Swine.
1,630,000	Sheep.
75,000	Horses.
3,000	Mules.
1915	1916 CROPS.
1,660,000	1,592,000 Bu. Wheat.
35,000	34,000 Bu. Corn.
585,000	602,000 Bu. Oats.
576,000	492,000 Bu. Barley.
2,236,000	2,660,000 Bu. White Potatoes.
675,000	540,000 Tons Tame Hay.
225,000	171,000 Tons Wild Hay.
40,000	16,000 Barrels Apples.
7,000	1,000 Bu. Peaches.
4,000	2,000 Bu. Pears.
9,500,000	10,000,000 Pounds Wool.

1917 CROP.

1,140,000	Bu. Wheat.
60,000	Bu. Corn.
560,000	Bu. Oats.
420,000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
3,105,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
679,000	Tons Tame Hay.
270,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
192,000	Bu. Apples.
6,000	Bu. Peaches.
6,000	Bu. Pears.

NEW HAMPSHIRE

Has 27,053 Farms.
Average 120.1 Acres.

175,473 Farm Population.

1916.	LIVE STOCK.	1917.
97,000	Dairy Cows.	97,000
65,000	Other Cattle.	63,000
55,000	Swine.	53,000
37,000	Sheep.	35,000
47,000	Horses.	44,000

LIVE STOCK, 1918.

102,000	Dairy Cows.
71,000	Other Cattle.
56,000	Swine.
37,000	Sheep.
45,000	Horses.
1015	1916 CROPS.
990,000	874,000 Bu. Corn.
456,000	444,000 Bu. Oats.
30,000	28,000 Bu. Barley.
30,000	20,000 Bu. Buckwheat.
1,520,000	1,800,000 Bu. White Potatoes.
504,000	767,000 Tons Tame Hay.
17,000	23,000 Tons Wild Hay.
140,000	165,000 Pounds Tobacco.
353,000	532,000 Barrels Apples.
58,000	24,000 Bu. Peaches.
18,000	25,000 Bu. Pears.
185,000	185,000 Pounds Wool.

1917 CROP.

000	Bu. Wheat.
1,092,000	Bu. Corn.
532,000	Bu. Oats.
31,000	Bu. Barley.
000	Bu. Rye.
38,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
2,247,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
683,000	Tons Tame Hay.
21,000	Tons Wild Hay.
167,000	Lbs. Tobacco.
000	Bales Cotton.
100,000	Bu. Beans.
1,035,000	Bu. Apples.
47,000	Bu. Peaches.
19,000	Bu. Pears.

NEW JERSEY

Has 33,487 Farms.
Average 76.9 Acres.

629,957 Farm Population.

1916.	LIVE STOCK.	1917.
152,000	Dairy Cows.	155,000
73,000	Other Cattle.	74,000
161,000	Swine.	163,000
29,000	Sheep.	29,000

92,000	Horses.	92,000
4,000	Mules.	4,000
LIVE STOCK, 1918.		
152,000	Dairy Cows.	
74,000	Other Cattle.	
174,000	Swine.	
26,000	Sheep.	
90,000	Horses.	
4,000	Mules.	
1915	1916	CROPS.
1,560,000	1,800,000	Bu. Wheat.
10,830,000	10,800,000	Bu. Corn.
2,275,000	2,070,000	Bu. Oats.
1,420,000	1,330,000	Bu. Rye.
210,000	285,000	Bu. Buckwheat.
12,090,000	10,370,000	Bu. White Potatoes.
3,565,000	2,300,000	Bu. Sweet Potatoes.
523,000	585,000	Tons Tame Hay.
34,000	45,000	Tons Wild Hay.
184,000	163,000	Barrels Cranberries.
777,000	750,000	Barrels Apples.
1,275,000	662,000	Bu. Peaches.
596,000	687,000	Bu. Pears.
95,000	80,000	Pounds Wool.
1917 CROP.		
1,691,000	Bu. Wheat.	
12,771,000	Bu. Corn.	
2,482,000	Bu. Oats.	
000	Bu. Barley.	
1,276,000	Bu. Rye.	
288,000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
000	Bu. Rice.	
11,172,000	Bu. White Potatoes.	
2,880,000	Bu. Sweet Potatoes.	
508,000	Tons Tame Hay.	
44,000	Tons Wild Hay.	
000	Lbs. Tobacco.	
000	Bales Cotton.	
80,000	Bu. Beans.	
2,041,000	Bu. Apples.	
871,000	Bu. Peaches.	
590,000	Bu. Pears.	

NEW MEXICO

Has 35,676 Farms.
Average 315.9 Acres.

280,730	Farm Population.	
1916.	1917.	LIVE STOCK.
76,000	85,000	Dairy Cows.
1,090,000	1,145,000	Other Cattle.
91,000	101,000	Swine.
3,440,000	3,300,000	Sheep.
412,000	420,000	Goats.
234,000	250,000	Horses.
17,000	19,000	Mules.
11,800	12,000	Jack Stock.
LIVE STOCK, 1918.		
88,000	Dairy Cows.	
1,179,000	Other Cattle.	
86,000	Swine.	
3,135,000	Sheep.	
272,000	Horses.	
19,000	Mules.	
1915	1916	CROPS.
2,156,000	2,104,000	Bu. Wheat.
2,730,000	2,625,000	Bu. Corn.
2,160,000	1,856,000	Bu. Oats.
264,000	208,000	Bu. Barley.
800,000	816,000	Bu. White Potatoes.
442,000	370,000	Tons Tame Hay.
25,000	13,000	Tons Wild Hay.
368,000	425,000	Bu. Beans.
273,000	119,000	Barrels Apples.
154,000	40,000	Bu. Peaches.
64,000	36,000	Bu. Pears.
18,620,000	18,240,000	Pounds Wool.
1917 CROP.		
2,582,000	Bu. Wheat.	
3,400,000	Bu. Corn.	
1,350,000	Bu. Oats.	
364,000	Bu. Barley.	
000	Bu. Rye.	
000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
000	Bu. Rice.	
1,276,000	Bu. White Potatoes.	
236,000	Bu. Sweet Potatoes.	
1,384,000	Tons Tame Hay.	
28,000	Tons Wild Hay.	
000	Lbs. Tobacco.	
000	Bales Cotton.	
958,000	Bu. Beans.	
3,510,000	Bu. Kafirs.	
657,000	Bu. Apples.	
60,000	Bu. Peaches.	
46,000	Bu. Pears.	

NEW YORK

Has 215,597 Farms.
Average 102.2 Acres.

1,928,120	Farm Population.	
1916.	1917.	LIVE STOCK.
1,539,000	1,539,000	Dairy Cows.
939,000	939,000	Other Cattle.
799,000	759,000	Swine.
849,000	840,000	Sheep.
3,400	4,000	Goats.
609,000	609,000	Horses.
4,000	4,000	Mules.
LIVE STOCK, 1918.		
1,524,000	Dairy Cows.	
1,005,000	Other Cattle.	
842,000	Swine.	
840,000	Sheep.	
597,000	Horses.	
1915	1916	CROPS.
9,750,000	9,030,000	Bu. Wheat.
24,200,000	16,200,000	Bu. Corn.
54,270,000	31,356,000	Bu. Oats.
2,720,000	1,887,000	Bu. Barley.
2,805,000	2,718,000	Bu. Rye.
5,320,000	3,480,000	Bu. Buckwheat.
22,010,000	22,400,000	Bu. White Potatoes.
5,900	4,404	Acres Celery.
359,000	96,000	Tons Cabbage.
3,602,137	1,292,265	Bu. Onions.
5,850,000	7,290,000	Tons Tame Hay.
55,000	104,000	Tons Wild Hay.
5,280,000	4,551,000	Pounds Tobacco.
1,250,000	720,000	Bu. Beans.
8,528,000	12,600,000	Barrels Apples.
2,105,000	1,215,000	Bu. Peaches.
1,375,000	1,675,000	Bu. Pears.
3,480,000	3,550,000	Pounds Wool.
1917 CROP.		
8,385,000	Bu. Wheat.	
26,040,000	Bu. Corn.	
44,625,000	Bu. Oats.	
3,080,000	Bu. Barley.	
2,565,000	Bu. Rye.	
5,940,000	Bu. Buckwheat.	
000	Bu. Flaxseed.	
000	Bu. Rice.	
38,000,000	Bu. White Potatoes.	
000	Bu. Sweet Potatoes.	
6,110,000	Tons Tame Hay.	
58,000	Tons Wild Hay.	
3,125,000	Lbs. Tobacco.	
000	Bales Cotton.	
1,575,000	Bu. Beans.	
349,680	Tons Cabbage.	
2,880,000	Lbs. Hops.	
12,000	Bu. Clover Seed.	
14,059,000	Bu. Apples.	
2,244,000	Bu. Peaches.	
1,708,000	Bu. Pears.	

NORTH CAROLINA

Has 253,725 Farms.
Average 88.4 Acres.

1,887,813	Farm Population.	
1916.	1917.	LIVE STOCK.
321,000	315,000	Dairy Cows.
387,000	364,000	Other Cattle.
1,601,000	1,550,000	Swine.
170,000	140,000	Sheep.
35,000	36,000	Goats.
182,000	185,000	Horses.
196,000	200,000	Mules.
1,000	1,100	Jack Stock.
LIVE STOCK, 1918.		
309,000	Dairy Cows.	
375,000	Other Cattle.	
1,464,000	Swine.	
137,000	Sheep.	
187,000	Horses.	
207,000	Mules.	
1915	1916	CROPS.
10,355,000	9,975,000	Bu. Wheat.
64,050,000	53,650,000	Bu. Corn.
8,050,000	6,562,000	Bu. Oats.
575,000	534,000	Bu. Rye.
175,000	175,000	Bu. Buckwheat.
4,000	4,000	Bu. Rice.
3,150,000	3,230,000	Bu. White Potatoes.
8,925,000	9,309,000	Bu. Sweet Potatoes.
648,000	507,000	Tons Tame Hay.
60,000	44,000	Tons Wild Hay.
708,000	646,000	Bales Cotton.
198,400,000	176,000,000	Pounds Tobacco.
1,972,000	2,358,000	Barrels Apples.
1,955,000	897,000	Bu. Peaches.

150,000	75,000 Bu. Pears.
545,000	570,000 Pounds Wool.
	1917 CROP.
9,765,000	Bu. Wheat.
69,000,000	Bu. Corn.
5,780,000	Bu. Oats.
000	Bu. Barley.
520,000	Bu. Rye.
240,000	Bu. Buckwheat.
000	Bu. Flaxseed.
5,000	Bu. Rice.
4,500,000	Bu. White Potatoes.
8,550,000	Bu. Sweet Potatoes.
528,000	Tons Tame Hay.
10,000	Tons Wild Hay.
204,750,000	Lbs. Tobacco.
570,000	Bales Cotton.
7,676,000	Bu. Peanuts.
6,156,000	Bu. Apples.
1,541,000	Bu. Peaches.
150,000	Bu. Pears.

NORTH DAKOTA

Has 74,360 Farms.
Average 382.3 Acres.

513,820 Farm Population.

1916.	LIVE STOCK.	1917.
373,000	Dairy Cows.	410,000
577,000	Other Cattle.	629,000
706,000	Swine.	650,000
250,000	Sheep.	250,000
1,000	Goats.	1,000
801,000	Horses.	825,000
9,000	Mules.	9,000

LIVE STOCK, 1918.

434,000	Dairy Cows.
650,000	Other Cattle.
507,000	Swine.
252,000	Sheep.
842,000	Horses.
9,000	Mules.

1915 1916 CROPS.

151,970,000	39,352,000 Bu. Wheat.
9,800,000	18,515,000 Bu. Corn.
98,000,000	53,750,000 Bu. Oats.
44,800,000	26,738,000 Bu. Barley.
2,700,000	4,655,000 Bu. Rye.
6,534,000	8,137,000 Bu. Flaxseed.
7,200,000	6,975,000 Bu. White Potatoes.
660,000	884,000 Tons Tame Hay.
2,500,000	2,670,000 Tons Wild Hay.
1,260,000	1,350,000 Pounds Wool.

1917 CROP.

56,000,000	Bu. Wheat.
5,310,000	Bu. Corn.
38,625,000	Bu. Oats.
22,812,000	Bu. Barley.
9,880,000	Bu. Rye.
000	Bu. Buckwheat.
3,764,000	Bu. Flaxseed.
000	Bu. Rice.
3,870,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
484,000	Tons Tame Hay.
1,417,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
000	Bu. Peaches.
000	Bu. Pears.
000	Bu. Apples.

OHIO

Has 272,045 Farms.
Average 88.6 Acres.

2,101,978 Farm Population.

1916.	LIVE STOCK.	1917.
922,000	Dairy Cows.	950,000
872,000	Other Cattle.	823,000
3,713,000	Swine.	3,527,000
3,067,000	Sheep.	2,944,000
5,600	Goats.	6,000
901,000	Horses.	892,000
26,000	Mules.	26,000

LIVE STOCK, 1918.

940,000	Dairy Cows.
954,000	Other Cattle.
3,774,000	Swine.
3,091,000	Sheep.
883,000	Horses.
26,000	Mules.

1915 1916 CROPS.

40,194,000	20,250,000 Bu. Wheat.
156,040,000	115,762,000 Bu. Corn.

69,003,000	48,076,000 Bu. Oats.
930,000	917,000 Bu. Barley.
1,750,000	1,088,000 Bu. Rye.
414,000	336,000 Bu. Buckwheat.
12,546,000	6,300,000 Bu. White Potatoes.
95,000	99,000 Bu. Sweet Potatoes.
1,058	1,097 Acres Celery.
27,100	11,900 Tons Cabbage.
272,034	1,445,109 Bu. Onions.
4,049,000	4,867,000 Tons Tame Hay.
3,000	3,000 Tons Wild Hay.
84,320,000	95,000,000 Pounds Tobacco.
289,000	183,000 Tons Sugar Beets.
5,984,000	2,867,000 Barrels Apples.
2,399,000	1,305,000 Bu. Peaches.
560,000	376,000 Bu. Pears.
13,600,000	13,650,000 Pounds Wool.

1917 CROP.

41,140,000	Bu. Wheat.
150,100,000	Bu. Corn.
78,100,000	Bu. Oats.
1,320,000	Bu. Barley.
430,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
16,000,000	Bu. White Potatoes.
95,000	Bu. Sweet Potatoes.
4,154,000	Tons Tame Hay.
3,000	Tons Wild Hay.
99,072,000	Lbs. Tobacco.
000	Bales Cotton.
242,300	Tons Sugar Beets.
35,000	Bu. Beans.
38,610	Tons Cabbage.
171,000	Bu. Clover Seed.
6,336,000	Bu. Apples.
496,000	Bu. Peaches.
334,000	Bu. Pears.

OKLAHOMA

Has 190,192 Farms.
Average 151.7 Acres.

1,337,000 Farm Population.

1916.	LIVE STOCK.	1917.
519,000	Dairy Cows.	535,000
1,186,000	Other Cattle.	1,222,000
1,431,000	Swine.	1,372,000
95,000	Sheep.	104,000
22,000	Goats.	26,000
743,000	Horses.	743,000
282,000	Mules.	276,000
5,900	Jack Stock.	6,000

LIVE STOCK, 1918.

562,000	Dairy Cows.
1,404,000	Other Cattle.
1,219,000	Swine.
208,000	Sheep.
737,000	Horses.
276,000	Mules.

1915 1916 CROPS.

36,540,000	29,585,000 Bu. Wheat.
123,900,000	53,325,000 Bu. Corn.
37,800,000	15,970,000 Bu. Oats.
212,000	100,000 Bu. Barley.
81,000	90,000 Bu. Rye.
2,975,000	1,802,000 Bu. White Potatoes.
1,380,000	962,000 Bu. Sweet Potatoes.
1,058,000	825,000 Tons Tame Hay.
791,000	645,000 Tons Wild Hay.
620,000	835,000 Bales Cotton.
780,000	275,000 Bu. Apples.
2,408,000	300,000 Bu. Peaches.
68,000	11,000 Bu. Pears.
490,000	500,000 Pounds Wool.

1917 CROP.

36,650,000	Bu. Wheat.
33,150,000	Bu. Corn.
26,450,000	Bu. Oats.
162,000	Bu. Barley.
90,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
2,484,000	Bu. White Potatoes.
1,350,000	Bu. Sweet Potatoes.
920,000	Tons Tame Hay.
450,000	Tons Wild Hay.
000	Lbs. Tobacco.
890,000	Bales Cotton.
000	Tons Sugar Beets.
000	Bu. Beans.
22,400,000	Bu. Kafirs.
26,250	Tons Broom Corn.
544,000	Bu. Peanuts.
1,300,000	Bu. Apples.
1,150,000	Bu. Peaches.
45,000	Bu. Pears.

OREGON

Has 45,705 Farms.
Average 256.8 Acres.

365,705 Farm Population.

1916.	LIVE STOCK.	1917.
216,000	Dairy Cows.	222,000
553,000	Other Cattle.	577,000
396,000	Swine.	315,000
2,563,000	Sheep.	2,484,000
185,000	Goats.	188,000
295,000	Horses.	286,000
10,000	Mules.	10,000

LIVE STOCK, 1918.

227,000	Dairy Cows.
683,000	Other Cattle.
309,000	Swine.
2,448,000	Sheep.
309,000	Horses.
10,000	Mules.

1915

1916 CROPS.

20,025,000	19,550,000	Bu. Wheat.
1,155,000	1,340,000	Bu. Corn.
16,060,000	17,280,000	Bu. Oats.
4,680,000	5,390,000	Bu. Barley.
414,000	510,000	Bu. Rye.
5,520,000	8,250,000	Bu. White Potatoes.
276,400	363,500	Bu. Onions.
1,870,000	1,955,000	Tons Tame Hay.
268,000	220,000	Tons Wild Hay.
1,043,000	1,285,000	Barrels Apples.
432,000	276,000	Bu. Peaches.
525,000	555,000	Bu. Pears.
14,320,000	13,200,000	Pounds Wool.

1917 CROP.

12,811,000	Bu. Wheat.
1,260,000	Bu. Corn.
9,125,000	Bu. Oats.
5,278,000	Bu. Barley.
356,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
8,100,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,638,000	Tons Tame Hay.
218,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
5,000,000	Lbs. Hops.
30,000	Bu. Clover Seed.
3,500,000	Bu. Apples.
250,000	Bu. Peaches.
600,000	Bu. Pears.

PENNSYLVANIA

Has 219,295 Farms.
Average 84.8 Acres.

3,034,441 Farm Population.

1916.	LIVE STOCK.	1917.
971,000	Dairy Cows.	980,000
657,000	Other Cattle.	664,000
1,210,000	Swine.	1,174,000
856,000	Sheep.	835,000
3,800	Goats.	4,000
602,000	Horses.	596,000
47,000	Mules.	48,000

LIVE STOCK, 1918.

960,000	Dairy Cows.
717,000	Other Cattle.
1,291,000	Swine.
913,000	Sheep.
590,000	Horses.
48,000	Mules.

1915

1916 CROPS.

24,605,000	26,125,000	Bu. Wheat.
58,520,520	56,550,000	Bu. Corn.
43,320,000	25,030,000	Bu. Oats.
236,000	300,000	Bu. Barley.
4,932,000	4,420,000	Bu. Rye.
5,754,000	3,780,000	Bu. Buckwheat.
20,160,000	19,040,000	Bu. White Potatoes.
105,000	100,000	Bu. Sweet Potatoes.
2,737	2,553	Acres Celery.
101,000	74,400	Bu. Onions.
4,340,000	5,208,000	Tons Tame Hay.
14,000	23,000	Tons Wild Hay.
42,390,000	49,096,000	Pounds Tobacco.
5,085,000	6,207,000	Barrels Apples.
2,044,000	1,058,000	Bu. Peaches.
494,000	509,000	Bu. Pears.
4,030,000	4,225,000	Pounds Wool.

1917 CROP.

24,482,000	Bu. Wheat.
62,212,000	Bu. Corn.

41,125,000	Bu. Oats.
364,000	Bu. Barley.
4,420,000	Bu. Rye.
6,300,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
29,532,000	Bu. White Potatoes.
110,000	Bu. Sweet Potatoes.
4,329,000	Tons Tame Hay.
15,000	Tons Wild Hay.
58,100,000	Lbs. Tobacco.
104,000	Bu. Beans.
7,000	Bu. Clover Seed.
12,150,000	Bu. Apples.
1,440,000	Bu. Peaches.
448,000	Bu. Pears.

RHODE ISLAND

Has 5,292 Farms.
Average 83.8 Acres.

17,956 Farm Population.

1916.	LIVE STOCK.	1917.
22,000	Dairy Cows.	22,000
10,000	Other Cattle.	11,000
15,000	Swine.	14,000
6,000	Sheep.	5,000
9,000	Horses.	8,000

LIVE STOCK, 1918.

21,000	Dairy Cows.
12,000	Other Cattle.
16,000	Swine.
6,000	Sheep.
8,000	Horses.

1915

1916 CROPS.

516,000	341,000	Bu. Corn.
66,000	54,000	Bu. Oats.
550,000	370,000	Bu. White Potatoes.
71,000	81,000	Tons Tame Hay.
1,000	1,000	Tons Wild Hay.
59,000	87,000	Barrels Apples.
29,000	14,000	Bu. Peaches.
10,000	14,000	Bu. Pears.
25,000	25,000	Pounds Wool.

1917 CROP.

000	Bu. Wheat.
546,000	Bu. Corn.
62,000	Bu. Oats.
000	Bu. Barley.
000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
675,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
90,000	Tons Tame Hay.
1,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
198,000	Bu. Apples.
20,000	Bu. Peaches.
7,000	Bu. Pears.

SOUTH CAROLINA

Has 176,434 Farms.
Average 76.6 Acres.

1,290,568 Farm Population.

1916.	LIVE STOCK.	1917.
189,000	Dairy Cows.	189,000
215,000	Other Cattle.	215,000
917,000	Swine.	920,000
30,000	Sheep.	30,000
27,000	Goats.	26,000
84,000	Horses.	85,000
171,000	Mules.	174,000

LIVE STOCK, 1918.

193,000	Dairy Cows.
232,000	Other Cattle.
966,000	Swine.
31,000	Sheep.
85,000	Horses.
179,000	Mules.
1915	1916 CROPS.
2,430,000	2,226,000 Bu. Wheat.
35,558,000	32,008,000 Bu. Corn.
9,975,000	9,000,000 Bu. Oats.
30,000	49,000 Bu. Rye.
90,000	49,000 Bu. Rice.
880,000	750,000 Bn. White Potatoes.
6,235,000	5,676,000 Bu. Sweet Potatoes.
286,000	325,000 Tons Tame Hay.
14,000	15,000 Tons Wild Hay.
1,160,000	920,000 Bales Cotton.
37,700,000	20,280,000 Pounds Tobacco.
221,000	196,000 Barrels Apples.

864,000	541,000 Bu. Peaches.
91,000	56,000 Bu. Pears.
100,000	95,000 Pounds Wool.
1917 CROP.	
1,838,000	Bu. Wheat.
43,947,000	Bu. Corn.
6,000,000	Bu. Oats.
000	Bu. Barley.
170,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
75,000	Bu. Rice.
1,440,000	Bu. White Potatoes.
7,600,000	Bu. Sweet Potatoes.
280,000	Tons Tame Hay.
10,000	Tons Wild Hay.
51,120,000	Lbs. Tobacco.
1,235,000	Bales Cotton.
450,000	Bu. Peanuts.
818,000	Bu. Apples.
1,130,000	Bu. Peaches.
100,000	Bu. Pears.

SOUTH DAKOTA

Has 77,644 Farms.
Average 335.1 Acres.

507,215 Farm Population.

1916.	LIVE STOCK.	1917.
485,000	Dairy Cows.	524,000
1,064,000	Other Cattle.	1,181,000
1,314,000	Swine.	1,432,000
604,000	Sheep.	658,000
2,100	Goats.	2,400
759,000	Horses.	774,000
15,000	Mules.	15,000

LIVE STOCK, 1918.

555,000	Dairy Cows.
1,438,000	Other Cattle.
1,504,000	Swine.
750,000	Sheep.
811,000	Horses.
16,000	Mules.

1915 1916 CROPS.

63,762,000	24,825,000 Bu. Wheat.
94,250,000	84,075,000 Bu. Corn.
72,450,000	56,425,000 Bu. Oats.
24,000,000	18,728,000 Bu. Barley.
3,900,000	4,500,000 Bu. Rye.
1,650,000	1,395,000 Bu. Flaxseed.
7,280,000	4,290,000 Bu. White Potatoes.
1,220,000	1,387,000 Tons Tame Hay.
4,340,000	3,909,000 Tons Wild Hay.
100,000	116,000 Barrels Apples.
3,150,000	3,560,000 Pounds Wool.

1917 CROP.

52,024,000	Bu. Wheat.
97,150,000	Bu. Corn.
65,450,000	Bu. Oats.
26,520,000	Bu. Barley.
5,600,000	Bu. Rye.
000	Bu. Buckwheat.
950,000	Bu. Flaxseed.
000	Bu. Rice.
7,200,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,102,000	Tons Tame Hay.
2,925,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
349,000	Bu. Apples.
000	Bu. Peaches.
000	Bu. Pears.

TENNESSEE

Has 246,012 Farms.
Average 81.5 Acres.

1,743,744 Farm Population.

1916.	LIVE STOCK.	1917.
366,000	Dairy Cows.	366,000
518,000	Other Cattle.	528,000
1,531,000	Swine.	1,485,000
661,000	Sheep.	650,000
43,000	Goats.	44,000
349,000	Horses.	350,000
272,000	Mules.	270,000
7,900	Jack Stock.	8,000

LIVE STOCK, 1918.

373,000	Dairy Cows.
554,000	Other Cattle.
1,634,000	Swine.
606,000	Sheep.
350,000	Horses.
273,000	Mules.

1915	1916	CROPS.
9,030,000	7,953,000	Bu. Wheat.
94,500,000	84,500,000	Bu. Corn.
8,746,900	7,560,000	Bu. Oats.
144,000	237,000	Bu. Barley.
189,000	150,000	Bu. Rye.
54,000	54,000	Bu. Buckwheat.
3,168,000	2,952,000	Bu. White Potatoes.
2,835,000	2,700,000	Bu. Sweet Potatoes.
1,396,000	1,449,000	Tons Tame Hay.
32,000	38,000	Tons Wild Hay.
295,000	378,000	Bales Cotton.
69,675,000	81,760,000	Pounds Tobacco.
2,025,000	1,772,000	Barrels Apples.
2,460,000	1,080,000	Bu. Peaches.
195,000	59,000	Bu. Pears.
1,870,000	1,870,000	Pounds Wool.

1917 CROP.

4,830,000	Bu. Wheat.
111,150,000	Bu. Corn.
7,350,000	Bu. Oats.
120,000	Bu. Barley.
120,000	Bu. Rye.
68,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
4,888,000	Bu. White Potatoes.
2,850,000	Bu. Sweet Potatoes.
1,142,000	Tons Tame Hay.
31,000	Tons Wild Hay.
81,810,000	Lbs. Tobacco.
206,000	Bales Cotton.
60,000	Bu. Beans.
450,000	Bu. Peanuts.
12,000	Bu. Clover Seed.
5,000,000	Bu. Apples.
900,000	Bu. Peaches.
75,000	Bu. Pears.

TEXAS

Has 417,770 Farms.
Average 269.1 Acres.

2,958,438 Farm Population.

1916.	LIVE STOCK.	1917.
1,119,000	Dairy Cows.	1,175,000
5,428,000	Other Cattle.	5,482,000
3,197,000	Swine.	3,229,000
2,156,000	Sheep.	2,328,000
1,135,000	Goats.	1,150,000
1,180,000	Horses.	1,156,000
768,000	Mules.	760,000
20,000	Jack Stock.	21,000

LIVE STOCK, 1918.

1,128,000	Dairy Cows.
4,660,000	Other Cattle.
3,068,000	Swine.
2,188,000	Sheep.
1,212,000	Horses.
808,000	Mules.

1915 1916 CROPS.

22,862,000	13,200,000 Bu. Wheat.
175,070,000	131,100,000 Bu. Corn.
44,375,000	42,750,000 Bu. Oats.
2,520,000	153,000 Bu. Barley.
24,000	20,000 Bu. Rye.
7,930,000	10,575,000 Bu. Rice.
2,730,000	2,000,000 Bu. White Potatoes.
5,880,000	7,120,000 Bu. Sweet Potatoes.
765,000	576,000 Tons Tame Hay.
343,000	262,000 Tons Wild Hay.
3,175,000	3,775,000 Bales Cotton.
100,000	140,000 Pounds Tobacco.
187,000	156,000 Barrels Apples.
4,235,000	3,025,000 Bu. Peaches.
301,000	322,000 Bu. Pears.
9,750,000	10,250,000 Pounds Wool.

1917 CROP.

16,200,000	Bu. Wheat.
77,285,000	Bu. Corn.
37,050,000	Bu. Oats.
180,000	Bu. Barley.
20,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
6,210,000	Bu. Rice.
2,760,000	Bu. White Potatoes.
6,552,000	Bu. Sweet Potatoes.
450,000	Tons Tame Hay.
164,000	Tons Wild Hay.
134,000	Lbs. Tobacco.
3,115,000	Bales Cotton.
14,766,000	Bu. Kafirs.
688	Tons Broom Corn.
16,200,000	Bu. Peanuts.
345,000	Bu. Apples.
2,352,000	Bu. Peaches.
280,000	Bu. Pears.

UTAH

Has 21,676 Farms.
Average 156.7 Acres.

200,417 Farm Population.

1916.	LIVE STOCK.	1917.
96,000	Dairy Cows.	91,000
408,000	Other Cattle.	408,000
112,000	Swine.	101,000
2,089,000	Sheep.	2,089,000
28,000	Goats.	29,000
146,000	Horses.	138,000
2,000	Mules.	2,000
1,100	Jack Stock.	1,200

LIVE STOCK, 1918.

96,000	Dairy Cows.
457,000	Other Cattle.
102,000	Swine.
2,340,000	Sheep.
145,000	Horses.
2,000	Mules.

1915

1916 CROPS.

8,825,000	6,900,000 Bu. Wheat.
412,000	429,000 Bu. Corn.
4,700,000	4,480,000 Bu. Oats.
1,445,000	1,224,000 Bu. Barley.
202,000	144,000 Bu. Rye.
2,500,000	3,600,000 Bu. White Potatoes.
985,000	845,000 Tons Tame Hay.
110,000	102,000 Tons Wild Hay.
691,000	941,000 Tons Sugar Beets.
142,000	33,000 Barrels Apples.
212,000	90,000 Bu. Peaches.
31,000	12,000 Bu. Pears.
15,000,000	15,000,000 Pounds Wool.

1917 CROP.

5,650,000	Bu. Wheat.
500,000	Bu. Corn.
4,400,000	Bu. Oats.
1,221,000	Bu. Barley.
104,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
4,347,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,137,000	Tons Tame Hay.
119,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
776,400	Tons Sugar Beets.
650,000	Bu. Apples.
900,000	Bu. Peaches.
48,000	Bu. Pears.

VERMONT

Has 32,709 Farms.
Average 142.6 Acres.

187,013 Farm Population.

1916.	LIVE STOCK.	1917.
273,000	Dairy Cows.	281,000
170,000	Other Cattle.	172,000
113,000	Swine.	113,000
100,000	Sheep.	100,000
89,000	Horses.	89,000

LIVE STOCK, 1918.

295,000	Dairy Cows.
189,000	Other Cattle.
120,000	Swine.
106,000	Sheep.
89,000	Horses.

1915

1916 CROPS.

30,000	25,000 Bu. Wheat.
2,256,000	1,935,000 Bu. Corn.
3,483,000	2,560,000 Bu. Oats.
420,000	412,000 Bu. Barley.
17,000	20,000 Bu. Rye.
216,000	210,000 Bu. Buckwheat.
2,592,000	2,570,000 Bu. White Potatoes.
1,310,000	1,666,000 Tons Tame Hay.
14,000	18,000 Tons Wild Hay.
130,000	160,000 Pounds Tobacco.
324,000	1,104,000 Barrels Apples.
17,000	24,000 Bu. Pears.
590,000	530,000 Pounds Wool.

1917 CROP.

60,000	Bu. Wheat.
2,538,000	Bu. Corn.
3,168,000	Bu. Oats.
493,000	Bu. Barley.
20,000	Bu. Rye.
286,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.

3,000,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,531,000	Tons Tame Hay.
13,000	Tons Wild Hay.
165,000	Lbs. Tobacco.
100,000	Bu. Beans.
1,286,000	Bu. Apples.
000	Bu. Peaches.
14,000	Bu. Pears.

VIRGINIA

Has 184,018 Farms.
Average 105.9 Acres.

1,585,083 Farm Population.

1916.	LIVE STOCK.	1917.
359,000	Dairy Cows.	373,000
472,000	Other Cattle.	486,000
1,023,000	Swine.	1,023,000
734,000	Sheep.	686,000
7,000	Goats.	7,000
361,900	Horses.	361,000
64,000	Mules.	64,000

LIVE STOCK, 1918.

377,000	Dairy Cows.
510,000	Other Cattle.
1,105,000	Swine.
686,000	Sheep.
365,000	Horses.
65,000	Mules.

1915

1916 CROPS.

16,974,000	16,250,000 Bu. Wheat.
60,562,000	60,990,000 Bu. Corn.
5,625,000	5,750,000 Bu. Oats.
348,000	358,000 Bu. Barley.
1,015,000	938,000 Bu. Rye.
520,000	480,000 Bu. Buckwheat.
17,500,000	16,250,000 Bu. White Potatoes.
3,740,000	5,070,000 Bu. Sweet Potatoes.
945,000	1,066,000 Tons Tame Hay.
12,900	6,100 Tons Cabbage.
9,000	9,000 Tons Wild Hay.
16,800	29,000 Bales Cotton.
144,375,000	129,200,000 Pounds Tobacco.
4,393,000	4,433,600 Barrels Apples.
1,300,000	598,000 Bu. Peaches.
261,000	122,000 Bu. Pears.
1,835,000	1,900,000 Pounds Wool.

1917 CROP.

17,920,000	Bu. Wheat.
72,275,000	Bu. Corn.
5,512,000	Bu. Oats.
360,000	Bu. Barley.
1,155,000	Bu. Rye.
696,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
19,800,000	Bu. White Potatoes.
4,160,000	Bu. Sweet Potatoes.
986,000	Tons Tame Hay.
10,000	Tons Wild Hay.
129,500,000	Lbs. Tobacco.
16,000	Bales Cotton.
15,050	Tons Cabbage.
5,775,000	Bu. Peanuts.
9,974,000	Bu. Apples.
800,000	Bu. Peaches.
194,000	Bu. Pears.

WASHINGTON

Has 56,192 Farms.
Average 208.4 Acres.

536,460 Farm Population.

1916.	LIVE STOCK.	1917.
263,000	Dairy Cows.	263,000
221,000	Other Cattle.	275,000
314,000	Swine.	283,000
568,000	Sheep.	585,000
8,500	Goats.	9,000
308,000	Horses.	305,000
15,000	Mules.	18,000

LIVE STOCK, 1918.

266,000	Dairy Cows.
294,000	Other Cattle.
283,000	Swine.
661,000	Sheep.
309,000	Horses.
19,000	Mules.
1915	1916 CROPS.
50,394,000	37,635,000 Bu. Wheat.
1,053,000	1,406,000 Bu. Corn.
13,750,000	14,300,000 Bu. Oats.
7,263,000	6,814,000 Bu. Barley.
146,000	102,000 Bu. Rye.
8,235,000	9,900,000 Bu. White Potatoes.

232,400	299,628 Bu. Onions.
1,868,000	2,006,000 Tons Tame Hay.
32,000	42,000 Tons Wild Hay.
2,433,000	3,225,000 Barrels Apples.
566,000	415,000 Bu. Peaches.
564,000	531,000 Bu. Pears.
4,560,000	4,750,000 Pounds Wool.

1917 CROP.

29,218,000	Bu. Wheat.
1,517,000	Bu. Corn.
11,240,000	Bu. Oats.
4,930,000	Bu. Barley.
89,000	Bu. Rye.
000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
9,875,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
1,778,000	Tons Tame Hay.
41,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
128,000	Bu. Beans.
4,200,000	Lbs. Hops.
17,897,000	Bu. Apples.
504,000	Bu. Peaches.
595,000	Bu. Pears.

WEST VIRGINIA

Has 96,685 Farms.
Average 103.7 Acres.

992,877 Farm Population.

1916.	LIVE STOCK.	1917.
341,000	Dairy Cows.	245,000
362,000	Other Cattle.	369,000
378,000	Swine.	380,000
796,000	Sheep.	715,000
5,700	Goats.	6,000
194,000	Horses.	196,000
12,000	Mules.	12,000

LIVE STOCK, 1918.

245,000	Dairy Cows.
373,000	Other Cattle.
422,000	Swine.
751,000	Sheep.
196,000	Horses.
12,000	Mules.

1915 1916 CROPS.

4,500,000	4,640,000 Bu. Wheat.
25,200,000	22,112,000 Bu. Corn.
3,480,000	3,220,000 Bu. Oats.
224,000	320,000 Bu. Rye.
836,000	659,000 Bu. Buckwheat.
5,850,000	4,224,000 Bu. White Potatoes.
220,000	280,000 Bu. Sweet Potatoes.
1,095,000	1,270,000 Tons Tame Hay.
7,000	7,000 Tons Wild Hay.
9,831,000	12,690,000 Pounds Tobacco.
2,512,000	3,334,000 Barrels Apples.
1,164,000	520,000 Bu. Peaches.
63,000	42,000 Bu. Pears.
2,750,000	2,750,000 Pounds Wool.

1917 CROP.

4,410,000	Bu. Wheat.
25,020,000	Bu. Corn.
3,861,000	Bu. Oats.
000	Bu. Barley.
270,000	Bu. Rye.
900,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
7,475,000	Bu. White Potatoes.
280,000	Bu. Sweet Potatoes.
1,003,000	Tons Tame Hay.
7,000	Tons Wild Hay.
9,040,000	Lbs. Tobacco.
144,000	Bu. Beans.
5,994,000	Bu. Apples.
608,000	Bu. Peaches.
33,000	Bu. Pears.

WISCONSIN

Has 177,127 Farms.
Average 119.0 Acres.

1,329,540 Farm Population.

1916.	LIVE STOCK.	1917.
1,675,000	Dairy Cows.	1,750,000
1,313,000	Other Cattle.	1,340,000
2,142,000	Swine.	2,060,000
604,000	Sheep.	645,000
5,000	Goats.	5,000
712,000	Horses.	715,000
3,000	Mules.	3,000

LIVE STOCK, 1918.

1,785,000	Dairy Cows.
1,394,000	Other Cattle.
2,019,000	Swine.
708,000	Sheep.
3,000	Horses.
	Mules.

1915

4,632,000	3,315,000 Bu. Wheat.
40,825,000	60,840,000 Bu. Corn.
99,175,000	81,400,000 Bu. Oats.
23,288,000	13,300,000 Bu. Barley.
7,770,000	6,055,000 Bu. Rye.
234,000	280,000 Bu. Buckwheat.
94,000	60,000 Bu. Flaxseed.
25,926,000	13,630,000 Bu. White Potatoes.
134,000	58,000 Tons Cabbage.
36,000	31,000 Barrels Cranberries.
285,950	220,932 Bu. Onions.
4,508,000	4,420,000 Tons Tame Hay.
420,000	481,000 Tons Wild Hay.
36,900,000	55,733,000 Pounds Tobacco.
2,250,000	2,510,000 Pounds Wool.
23,000	26,000 Bu. Pears.
1,473,000	873,000 Barrels Apples.

1917 CROP.

5,327,000	Bu. Wheat.
42,196,000	Bu. Corn.
99,000,000	Bu. Oats.
19,200,000	Bu. Barley.
7,585,000	Bu. Rye.
281,000	Bu. Buckwheat.
000	Bu. Flaxseed.
000	Bu. Rice.
34,998,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
4,595,000	Tons Tame Hay.
427,000	Tons Wild Hay.
45,885,000	Lbs. Tobacco.
000	Bales Cotton.
262,000	Bu. Beans.
121,900	Tons Cabbage.
300,000	Bu. Clover Seed.
3,029,000	Bu. Apples.
000	Bu. Peaches.
000	Bu. Pears.

WYOMING

Has 10,987 Farms.
Average 717 Acres.

102,744 Farm Population.

1916.	LIVE STOCK.	1917.
50,000	Dairy Cows.	55,000
703,000	Other Cattle.	825,000
70,000	Swine.	69,000
4,338,000	Sheep.	4,381,000
3,000	Goats.	3,000
180,000	Horses.	191,000
2,000	Mules.	3,000

LIVE STOCK, 1918.

64,000	Dairy Cows.
891,000	Other Cattle.
54,000	Swine.
4,100,000	Sheep.
209,000	Horses.
4,000	Mules.

1915

3,315,000	3,560,000 Bu. Wheat.
625,000	550,000 Bu. Corn.
9,534,000	8,575,000 Bu. Oats.
612,000	825,000 Bu. Barley.
180,000	155,000 Bu. Rye.
26,000	14,000 Bu. Flaxseed.
2,400,000	2,340,000 Bu. White Potatoes.
1,210,000	1,044,000 Tons Tame Hay.
299,000	255,000 Tons Wild Hay.
29,200,000	31,000,000 Pounds Wool.

1917 CROP.

4,206,000	Bu. Wheat.
660,000	Bu. Corn.
9,468,000	Bu. Oats.
783,000	Bu. Barley.
252,000	Bu. Rye.
000	Bu. Buckwheat.
20,000	Bu. Flaxseed.
000	Bu. Rice.
4,650,000	Bu. White Potatoes.
000	Bu. Sweet Potatoes.
952,000	Tons Tame Hay.
300,000	Tons Wild Hay.
000	Lbs. Tobacco.
000	Bales Cotton.
000	Bu. Apples.
000	Bu. Peaches.
000	Bu. Pears.

TREES, SEEDS AND PLANTS.

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 LANGFORD, MRS. F. L., Langford Big Bowl Cotton Seed, R. 29, COMMERCE, GA.
 LAURIDSEN, HELGE, Seed Potatoes, a Specialty, R. 1, MASON CITY, IOWA.
 LAWSON, J. C., Specialty, Kafir Corn Seed, LAWNEE, OKLA.
 LENHARDT, R. S., Heavy Fruiter and Big Bowl Cotton, CARNESVILLE, GA.
 LEWIS, JOHN, White Clover and Alfalfa, MADISON, KAS.
 LONGVIEW SEED FARM, Sudan Grass Seed, Recleaned, LUBBOCK, TEXAS.
 LOY, M. H., Pure Sudan Grass Seed, MILO, KAS.
 LUPTON, TOM, Selected Yellow Dent Seed Corn, R. 2, AURORA, MO.
 MCGINTY, R. C., Early Ninety-Day Seed Velvet Beans, GEORGETOWN, GA.
 MCLEOD, K. T., Specialty, White Spanish Peanuts, MCLEOD, MISS.
 MCNICOL, JAMES, Specialties, Cow Peas, Small Fruits, Etc., LOST SPRINGS, KAS.
 MALMO & CO., Seeds, Large and Small Fruits, SEATTLE, WASH.
 MARK MEANS COMPANY, Timothy, Alfalfa and Clover, LEWISTON, IDAHO.
 MAPLEHURST NURSERIES, Trees, Fruit and Ornamentals, Packers' Station, KANSAS CITY, KAS.
 MARTZ SEED COMPANY, Field, Garden and Flower Seeds, GRUNDY CENTER, IA.
 MATT, PARKHURST, Corn Breeder, Mosby Seed Corn, NEWBURN, ALA.
 MILLS SEED COMPANY, Seed Corn and Farm Seeds, WASHINGTON, IA.
 MISSOURI SEED COMPANY, Seed Exporters and Importers, "Missouri Brand Seeds," 1426 St. Louis Ave., KANSAS CITY, MO.
 MITCHELL'S NURSERY, All Kinds of Trees and Plants, BEVERLY, O.
 MONTAGUE, C. J., Big Bowl Rowden Cotton Seed, WILLS POINT, TEXAS.
 MORGAN, H. K., Riverside Farm, Seed Corn, R. 1, SHELBYVILLE, TENN.
 NEOSHO NURSERIES CO., We sell direct from Nurseries only, NEOSHO, MO.
 NORTH BEND NURSERIES, Strawberry Plants, Etc., NORTH BEND, NEB.
 NORTHCUTT, R. H., Hembree or Summer-hour Seed Corn, MARIETTA, GA.
 NORTHERN NURSERY COMPANY, 210 Barclay Block, DENVER, COLO.
 OUTLAW PLANT CO., Frost Proof Cabbage Plants, HAHIRA, GA.
 OVERSTREET, J. W., Big Bowl Rowden Cotton, WILLS POINT, TEXAS.
 OZARK SEED AND PLANT COMPANY, Mail Order House, NASHVILLE, ARK.
 PITTMAN & HARRISON CO., Sudan, Johnson Grass, Alfalfa, Etc., SHERMAN, TEXAS.
 PLANTERS' NURSERY, Trees, Plants, Seeds, WINFIELD, KAS.
 PORTLAND SEED COMPANY, Diamond Quality Catalogue, PORTLAND, ORE.
 PROVINE, R. F., Product of Lespedeza Clover Seed, BIG CREEK, MISS.
 PRUNTY, CHARLES E., Seed Merchant, 7 South Main St., ST. LOUIS, MO.
 REDFEARN, H., Early Mebane Triumph Cotton Seed, WINFIELD, TEXAS.
 RIEBEL (F. M.), & SON, Seed Corn Specialists, ARBELA, MO.
 ROBERTS, J. T., Cotton Seed Specialist and Grower, LOUISVILLE, GA.
 ROPER, A. L., Cow Peas, Seed Corn and Cane Seed, ADAIRSVILLE, GA.
 ROSS BROS. SEED COMPANY, Seed Corn, Field and Garden Seeds, WICHITA, KAS.
 ROWLAND & CO., Buyers and Growers of Cow Peas, AUGUSTA, GA.
 ST. LOUIS SEED CO., Also Poultry Supplies, 411 Washington Ave., ST. LOUIS, MO.

SALZER—JOHN A. SALZER SEED COMPANY, LA CROSSE, WIS.
 SCARFF, W. N., Nursery and Seed Grower, NEW CARLISLE, PA.
 SEWELL, C. B., Small Fruits, Cabbage and Grasses, BRUNDAGE, TEXAS.
 SCHISLER (A. W.) FIELD AND GARDEN SEED CO., All Kinds of Field and Garden Seeds, 704 to 710 N. Fourth st., ST. LOUIS, MO.
 SCOTT, O. M., & SONS COMPANY, Soy Bean Specialists, MARYSVILLE, O.
 SCOTT, Z. L., Specialty, Scott's Marlboro Corn, CONCORD, GA.
 SESSIONS, H. M., & SONS, Specialty, Seed Peanuts, ENTERPRISE, ALA.
 SHU-WEI, R. H., Pure and Sure Seeds. Catalogue free. ROCKFORD, ILL.
 SINTON PLANT CO., Cabbage Plants and Bermuda Onions, SINTON, TEXAS.
 SONDEREGGER NURSERIES AND SEED HOUSE, Specialty, Vegetables, BEATRICE, NEB.
 SOUTHERN SEED FARM, W. T. Brooks, Prop., Cotton Seed, ARLINGTON, GA.
 SPOKANE SEED COMPANY, Diamond Quality Seeds, SPOKANE, WASH.
 STEINHEIMER, R. P., Specialty, Marlboro Seed Corn, BROOKS, GA.
 STITT, R. G., & SON, Bermuda Grass Seed, Finest Quality, YUMA, ARIZONA.
 STONE, B. W., Aeolian Farm; Pecan Nursery, THOMASVILLE, GA.
 STONEY, L. A., Cotton Seed Specialist, ALLENDALE, S. C.
 STOUT, H. T., Seed Corn Specialist, CRAWFORDSVILLE, IND.
 STRAWN, M. L., Mebane Triumph Cotton Seed, LOCKHART, TEXAS.
 SUTTON, G. D., COMPANY, Seed Corn Specialists, MASON CITY, ILL.
 SUTTON & PORTEUS, Aberdeen-Angus Burs, LAWRENCE, KAS.
 TENNESSEE NURSERY COMPANY, Apple and Peach Trees, CLEVELAND, TENN.
 TEXAS PECAN NURSERY, Booklet "How To Grow Pecans," ARP, TEXAS.
 TEXAS SEED BREEDING FARMS, Rye, Oats and Bur Clover, SHERMAN, TEXAS.
 TRENT, S. G., Specialty, Tested Seed Corn, HIAWATHA, KAS.
 TROYER BROS., Seed Corn Specialists, LA FONTAINE, IND.
 TRUSSELL, C. H., Early Speckled Velvet Beans, WARTHEN, GA.
 VALLEY VIEW GARDENS, Ever-Bearing Strawberries, Gov. Inspected, TIFFIN, OHIO.
 Vincennes Nurseries, Vincennes, Ind.
 WALLER (O. C.) & BROS., Strawberries and Other Plants, JUDSONIA, ARK.
 WARREN COUNTY SEED CORN GROWERS' ASSN., BOWLING GREEN, KY.
 WATERS, W. F., Specialist, Seed Corn, Sorghum, Beans, PYATT, ARK.
 WEBER (H. J.) & SONS NURSERY CO., Postoffice, NURSERY, ST. LOUIS CO., MO.
 WEBER, SIDNEY J., Recleaned Lespedeza Seeds (Japan Clover), BATON ROUGE, LA.
 WELCH NURSERY, Ever-Bearing Strawberry Plants, SHENANDOAH, IA.
 WESTON (A. M.) & CO., Specialty, Small Fruits, BRIDGMAN, MICH.
 WHITE—D. A. WHITE & SONS, Fancy Clover Seed, SALEM, ORE.
 WHITEWRIGHT SEED FARMS, Improved Red Rust Proof Oats, WHITEWRIGHT, TEX.
 WICHITA NURSERIES, AND SEED HOUSE, Free Seed Book, WICHITA, KAS.
 WIL—OSCAR H. WIL COMPANY, Seed Corn Specialists, BISMARK, N. D.
 WILSON, JAMES D., Specialty, Schrock Kafir Seed, R. F. D., FARMERS, KAS.
 WING SEED COMPANY, Alfalfa and All Others, MECHANICSBURG, OHIO.
 WOOD, T. W., & SONS, All Southern Farm and Garden Seeds, RICHMOND, VA.
 WOODFIELDS FARM, Choice Seed Corn, WYCOMBE, PA.
 WRAGG NURSERY COMPANY, Fruits and Ornamentals, DES MOINES, IA.
 In the year 1629, Captain John Smith, Governor of the Jamestown Colony, wrote, saying: "One Mistress Pearce, of Jamestown, an honest, industrious woman, had gathered from her garden in one year neere an hundred bushels of excellent figges."
 William Wood, writing in 1620 from New England, said: "There is likewise strawberries in abundance, verie large ones, some being two inches about; one may gather halfe a bushell in a forenoone."

Farmers and Laborers.

The United States Census is responsible for the figures presented herewith, and it shows that the working farm population was 12,389,840 in 1910, and by adding 10 per cent. the total now is 13,628,824. The laborers and farm foremen enumerated were included originally in 1910 in the list of farm laborers, but now it will be nearer the correct total if the farm foremen and garden laborers are allowed to represent the increase.

State.	Total Farmers.	Total Farm Laborers.	Farm Fore- men.	Garden, Etc., Etc. Laborers.
MAINE.....	47,509	25,822	381	754
N. H.....	20,175	14,380	284	536
VT.....	27,673	21,028	297	382
MASS.....	28,897	38,575	1,502	8,910
R. I.....	4,368	6,908	201	1,483
CONN.....	21,514	24,501	621	3,011
N. Y.....	197,458	175,427	2,857	17,275
N. J.....	30,639	45,429	905	6,965
PENN.....	190,509	162,084	2,381	8,917
DEL.....	10,325	12,417	87	331
MD.....	44,143	65,808	843	3,737
VA.....	165,417	183,509	1,543	3,358
W. VA.....	87,286	72,789	568	844
N. C.....	242,456	359,381	1,067	1,482
S. C.....	172,387	338,461	1,206	919
GA.....	286,662	433,777	1,843	2,168
FLA.....	47,690	70,063	1,099	3,425
OHIO.....	253,263	164,198	2,127	5,461
IND.....	206,475	136,496	1,536	1,862
ILL.....	248,636	198,877	2,079	5,823
MICH.....	190,771	122,106	1,324	2,693
WIS.....	170,605	125,940	1,040	1,527
MINN.....	155,867	122,828	932	1,922
IOWA.....	215,290	138,434	1,371	1,835
MO.....	274,412	178,801	1,552	2,668
N. D.....	76,274	54,548	566	100
S. D.....	77,235	47,452	305	136
NEB.....	129,593	72,898	658	650
KAN.....	179,014	95,061	968	1,198
KY.....	252,463	199,933	1,038	1,433
TENN.....	233,752	230,658	896	1,934
ALA.....	256,046	406,205	985	1,479
MISS.....	271,120	400,835	1,261	1,047
LA.....	118,806	216,544	1,998	1,968
TEXAS.....	417,529	510,239	1,824	3,303
OKLA.....	194,684	153,532	641	474
ARK.....	211,042	255,151	944	967
MONT.....	28,206	25,205	336	587
WYO.....	11,879	12,797	109	62
COLO.....	48,646	36,117	474	1,557
N. M.....	32,488	33,631	159	397
ARIZ.....	9,524	12,211	134	187
UTAH.....	20,479	16,762	97	421
NEV.....	3,033	5,542	109	85
IDAHO.....	32,064	23,393	260	421
WASH.....	57,565	40,433	787	3,065
OREGON.....	46,070	35,312	536	1,969
CALIF.....	90,696	121,202	2,855	422,199
U. S.....	6,147,635	6,242,205	47,591	133,927

All-Wheat Acreage.

The following table shows the winter, spring and total wheat acreage planted since and including the year 1909:

Year.	Winter, Acres.	Spring, Acres.	Total Acres.
1909.....	27,151,000	17,111,000	44,262,000
1910.....	27,329,000	18,352,000	45,681,000
1911.....	29,162,000	20,381,000	49,543,000
1912.....	26,571,000	19,243,000	45,814,000
3 Years.....	83,062,000	57,976,000	141,038,000
1913.....	31,699,000	18,485,000	50,184,000
1914.....	36,008,000	17,533,000	53,541,000
1915.....	41,308,000	19,161,000	60,469,000
3 Years... 1916.....	109,015,000	55,179,000	164,194,000
1917.....	34,709,000	17,607,000	52,316,000
1918.....	27,430,000	18,511,000	45,941,000
1919.....	36,392,000	22,489,000	58,881,000
3 Years... 1920.....	98,531,000	58,607,000	157,138,000

Acreage of Non-food Crops.

The following statement shows the acreage planted in cotton, flax and sorghum cane from and including the year 1909:

Year.	Cotton, Acres.	Flax, Acres.	Sorghum Cane, Acres.
1909.....	30,938,000	2,083,000	189,000
1910.....	32,403,000	2,467,000	184,000
1911.....	36,045,000	2,757,000	170,000
1912.....	34,283,000	2,851,000	165,000
3 Years.....	102,731,000	8,075,000	519,000
1913.....	37,089,000	2,291,000	159,000
1914.....	36,832,000	1,645,000	150,000
1915.....	31,412,000	1,387,000	164,000
3 Years.....	105,333,000	5,323,000	473,000
1916.....	34,985,000	1,474,000	157,000
1917.....	33,841,000	1,809,000	378,000
1918.....	37,073,000	1,967,000	352,000
3 Years.....	105,899,000	5,250,000	887,000

Corn, Oats and Barley.

The following table shows acreage planted since the year 1909:

Year.	Corn, Acres.	Oats, Acres.	Barley, Acres.
1909.....	98,383,000	35,159,000	7,699,000
1910.....	104,035,000	37,548,000	7,743,000
1911.....	105,825,000	37,763,000	7,627,000
1912.....	107,083,000	37,917,000	7,530,000
3 Years... 1913.....	316,943,000	113,228,000	22,900,000
1914.....	105,820,000	38,399,000	7,499,000
1915.....	103,435,000	38,442,000	7,565,000
1916.....	106,197,000	40,996,000	7,148,000
3 Years... 1917.....	315,452,000	117,837,000	22,212,000
1918.....	105,296,000	41,527,000	7,757,000
1919.....	119,755,000	43,572,000	8,835,000
1920.....	113,835,000	44,475,000	9,108,000
3 Years... 1921.....	338,886,000	129,574,000	25,700,000

Potatoes and Sugar Beets.

Year.	Potatoes, Acres.	Sweet Potatoes, Acres.	Sugar Beets, Acres.
1909.....	3,669,000	641,000	364,000
1910.....	3,720,000	641,000	398,000
1911.....	3,619,000	605,000	474,000
1912.....	3,711,000	583,000	555,000
3 Years.....	11,050,000	1,829,000	1,427,000
1913.....	3,668,000	625,000	530,000
1914.....	3,711,000	603,000	483,000
1915.....	3,734,000	731,000	611,000
3 Years.....	11,113,000	1,959,000	1,674,000
1916.....	3,565,000	774,000	665,000
1917.....	4,390,000	953,000	665,000
1918.....	4,113,000	959,000	690,000
3 Years.....	12,068,000	2,686,000	2,020,000

Rye, Buckwheat and Rice.

Year.	Rye, Acres.	Buckwheat, Acres.	Rice, Acres.
1909.....	2,196,000	878,000	610,000
1910.....	2,185,000	860,000	723,000
1911.....	2,127,000	833,000	696,000
1912.....	2,117,000	841,000	723,000
3 Years.....	6,429,000	2,534,000	2,142,000
1913.....	2,557,000	805,000	827,000
1914.....	2,541,000	792,000	694,000
1915.....	3,129,000	769,000	803,000
3 Years.....	8,227,000	2,366,000	2,324,000
1916.....	3,213,000	828,000	869,000
1917.....	4,102,000	1,006,000	964,000
1918.....	5,435,000	1,045,000	1,120,000
3 Years.....	12,750,000	2,879,000	2,953,000

FERTILIZER TONNAGE.

This tabulated statement is published by courtesy of the American Fertilizer Handbook, published by Ware Bros. Company, 1010 Arch street, Philadelphia, Pa. The table represents the amount of fertilized material used on farms. The years are 1911, 1916 and 1917. In 1914 the fertilizer consumption was 7,517,528.

State.	1911. Tons.	1916. Tons.	1917. Tons.
ALA.....	440,000	206,000	210,000
ARIZ.....	350	600	500
ARK.....	40,000	65,600	58,500
CALIF.....	49,700	29,415	43,964
COLO.....	500	1,000	1,000
CONN.....	45,000	90,000	115,000
DEL.....	25,000	45,000	50,000
FLA.....	183,347	212,250	214,088
GA.....	1,202,722	741,347	895,897
IDAHO.....		500	500
ILL.....	60,000	75,000	75,000
IND.....	179,839	132,159	156,000
IOWA.....	2,000	5,000	5,000
KAS.....	1,500	7,940	7,600
KY.....	65,000	62,000	93,000
LA.....	91,085	96,426	98,264
MAINE.....	140,000	155,000	160,923
MD.....	158,000	154,000	191,900
MASS.....	72,000	65,000	70,000
MICH.....	45,000	70,000	91,455
MINN.....	2,000	5,000	6,000
MISS.....	148,237	75,667	76,717
MO.....	41,685	41,000	65,000
MON.T.....	600	1,000	1,000
NEB.....	300	500	500
NEV.....	500	1,000	1,000
N. H.....	15,000	18,000	20,000
N. J.....	135,000	129,800	176,183
N. M.....	200	500	500
N. Y.....	400,000	500,000	525,000
N. C.....	711,380	650,000	849,728
N. D.....	500	700	1,000
OHIO.....	148,000	187,848	165,857
OKLA.....	8,000	20,000	21,000
OREGON.....	3,000	6,500	7,000
PENN.....	315,000	268,455	332,309
K. I.....	12,000	13,000	15,000
S. D.....	1,048,806	833,624	850,790
TENN.....	200	1,500	2,500
TEXAS.....	65,000	91,128	99,584
UTAH.....	52,985	39,845	40,500
VT.....	600	1,000	1,000
VA.....	20,000	27,000	30,000
WA.....	359,465	369,520	496,217
WASH.....	1,300	3,000	1,000
W. VA.....	31,250	40,000	41,000
WIS.....	2,500	5,000	6,500
WYO.....	125	500	500
U. S.....	6,348,305	5,583,049	6,423,043
PORTO RICO.....	25,800	37,725	45,767

MONTHLY MARKETINGS OF WHEAT BY FARMERS.

Month.	Estimated Amount Sold Monthly by Farmers of the United States (Millions of Bushels).				
	1917- 18.	1916- 17.	1915- 16.	1914- 15.	1913- 14.
July.....	41	83	60	141	108
August.....	60	141	94	106	88
September.....	108	104	122	125	94
October.....	101	87	123	100	85
November.....	77	60	105	83	64
December.....	43	35	94	60	50
January.....	26	45	58	41	44
February.....	22	20	58	46	32
March.....	21	24	32	26	28
April.....	23	19	35	37	19
May.....	17	19	40	22	23
June.....	12	13	31	17	25
Season.....	560	620	851	804	660

Rice culture began in the United States in 1647 with a half bushel of the grain sent over from England to the Virginia Colony, from which a yield of sixteen bushels was obtained. The industry afterwards gave way to tobacco growing.

In the year 1634 Cecil, the Second Lord Baltimore, established a settlement near the mouth of the Potomac river.

YEARLY MARKETING OF LIVE STOCK.

The following tabulated statement furnished by the United States Department of Agriculture gives the combined receipts and shipments of hogs, cattle and sheep at Chicago, Kansas City, Omaha, St. Louis, Sioux City, St. Joseph and St. Paul yearly since 1900. The receipts less shipments represent the home slaughter at the combined seven markets. The shipments include the stock sold for shipment and slaughter elsewhere.

CATTLE AT SEVEN MARKETS.

Year.	Receipts.	Shipments.	Slaughtered.
1900.....	7,179,344	3,793,308	3,386,086
1901.....	7,708,839	3,888,460	3,850,379
1902.....	8,375,408	4,292,705	4,082,703
1903.....	8,878,789	4,490,748	4,388,041
1904.....	8,690,699	4,552,554	4,138,145
1905.....	9,202,082	4,964,753	4,237,330
1906.....	9,373,825	5,026,689	4,347,136
1907.....	9,590,710	5,360,790	4,229,920
1908.....	8,827,360	4,936,751	3,890,629
1909.....	9,189,312	5,181,446	4,007,866
1910.....	9,116,687	5,129,984	3,983,708
1911.....	8,629,400	4,805,766	3,823,343
1912.....	8,061,494	4,318,648	3,742,846
1913.....	7,904,552	4,596,085	3,308,467
1914.....	7,182,239	3,933,663	3,248,576
1915.....	7,963,591	3,944,152	4,019,439
1916.....	9,319,851	4,713,700	4,606,151
1917.....	11,241,038	5,676,015	5,565,023

HOGS AT SEVEN MARKETS.

Year.	Receipts.	Shipments.	Slaughtered.
1900.....	18,573,177	5,336,826	13,236,351
1901.....	20,339,861	5,772,717	14,567,147
1902.....	17,289,427	4,430,075	13,158,752
1903.....	16,780,250	4,233,572	12,546,678
1904.....	17,758,827	5,254,445	12,504,382
1905.....	18,983,933	5,614,305	13,374,627
1906.....	19,223,792	5,440,333	13,783,459
1907.....	19,544,617	5,993,068	13,551,548
1908.....	22,863,701	7,288,403	15,575,298
1909.....	18,854,641	6,381,667	12,452,974
1910.....	14,853,472	4,628,760	12,224,712
1911.....	19,926,547	6,418,246	13,508,301
1912.....	19,771,825	6,096,906	13,674,919
1913.....	19,924,331	6,414,815	13,509,412
1914.....	18,272,091	5,816,069	12,456,022
1915.....	21,031,405	6,823,983	14,207,422
1916.....	25,345,802	8,264,752	17,081,050
1917.....	20,945,301	7,151,995	13,793,306

SHEEP AT SEVEN MARKETS.

Year.	Receipts.	Shipments.	Slaughtered.
1900.....	7,061,466	2,500,686	4,560,780
1901.....	7,798,359	2,712,866	5,085,493
1902.....	9,177,050	3,561,060	5,615,990
1903.....	9,680,692	3,983,310	5,697,382
1904.....	9,604,812	4,203,834	5,400,978
1905.....	10,572,259	4,725,872	5,846,387
1906.....	10,864,437	5,046,366	5,820,071
1907.....	9,857,877	4,512,000	5,308,877
1908.....	9,335,640	4,489,295	5,344,345
1909.....	10,284,905	4,172,388	6,112,517
1910.....	12,366,375	6,013,215	6,353,160
1911.....	13,521,492	5,891,034	7,630,458
1912.....	13,733,980	5,369,402	8,364,578
1913.....	14,037,839	6,046,260	7,991,570
1914.....	13,272,491	5,331,449	7,841,042
1915.....	11,160,246	4,370,504	6,789,742
1916.....	11,639,022	4,640,615	6,999,407
1917.....	10,017,353	4,534,489	5,482,864

DRY EDIBLE BEANS, 1918.

State.	Acres.	Bushels.
NEW YORK.....	166,000	1,685,000
MICHIGAN.....	543,000	5,498,000
COLORADO.....	190,000	2,280,000
NEW MEXICO.....	200,000	1,350,000
ARIZONA.....	20,000	150,000
CALIFORNIA.....	597,000	8,931,000

Total, Six States..... 1,716,000 19,894,000

THE KAFFIRS, 1918.

State.	Acres.	Bushels.
KANSAS.....	1,722,000	25,830,000
TEXAS.....	1,515,000	23,864,000
OKLAHOMA.....	1,526,000	15,657,000
COLORADO.....	92,000	1,921,000
NEW MEXICO.....	199,000	5,094,000
ARIZONA.....	60,000	1,848,000

Total, Six States..... 5,114,000 74,211,000

In the year 1648 hops were first raised in Virginia.

CANTALOUPE, WATERMELONS, PUMPKINS.

According to the last census enumeration, 16,278 farms occupy 52,419 acres with the production of cantaloupes (and muskmelons), 35,345 farms occupy 137,005 acres with the production of watermelons and 361 farms cultivate 1,163 acres for the special production of pumpkins. These tables being arranged side by side and state by state, form an interesting basis of information. It is the latest available.

State.	Cantaloupes. Farms.	Acres.	Water- melons. Farms.	Acres.	Pump- kins. Farms.	Acres.
ALA..	122	285	1,786	4,708	1	2
ARIZ..	110	452	328	735	21	54
ARK..	448	994	1,768	3,410	.....	.....
CALIF..	656	5,784	988	6,065	137	511
COLO.	738	3,970	210	467	8	15
CONN.	70	159	30	54	4	7
DEL..	551	1,163	320	859	3	6
D. C..	32	69	5	9	1	2
FLA..	408	3,408	1,627	17,711	1	2
GA..	368	3,022	3,255	16,298	.....	.....
IDAHO.	61	213	75	165	1	1
ILL..	927	2,332	1,192	6,211	12	89
IND..	994	3,855	1,077	7,915	.....	.....
IOWA.	231	764	477	3,734	4	24
KAS..	203	417	1,029	3,317	4	24
KY..	357	594	779	1,690	.....	.....
LA..	209	371	800	1,278	1	1
MAINE.	3	4	.....	.....	4	5
MD..	1,193	3,516	658	2,432	2	4
MASS.	32	51	21	31	10	42
MICH.	841	1,829	238	439	5	19
MINN..	195	453	59	103	7	13
MISS..	66	122	1,054	1,794	.....	.....
MO..	758	1,701	1,709	10,727	7	11
MONT..	4	5	16	30	.....	.....
NEE..	61	112	295	725	5	16
NEV..	57	399	24	34	1	4
N. H..	7	9	.....	.....	1	1
N. J..	1,494	3,861	896	2,226	24	67
N. M..	131	491	154	287	16	24
N. Y..	529	978	71	89	14	35
N. C..	626	2,256	1,895	5,825	.....	.....
N. D..	.....	.....	77	96	.....	.....
OHIO.	815	1,665	377	777	6	8
OKLA.	238	655	1,623	5,923	4	7
OREGON.	61	113	104	563	7	8
PENN..	216	333	128	241	6	9
R. L..	21	48	3	5	1	20
S. C..	214	977	1,082	5,051	.....	.....
S. D..	18	31	119	212	10	12
TENN.	506	1,456	1,372	2,398	2	4
TEXAS.	795	1,685	5,271	18,466	12	71
UTAH.	109	192	87	137	2	2
VT..	13	31	4	10	2	6
VA..	491	969	1,304	3,159	5	12
WASH.	111	310	98	214	3	3
W. VA.	54	128	149	473	2	16
WIS..	111	187	105	168	4	5
WYO..	.....	.....	6	9	1	1

U. S.. 16,278 52,419 35,345 137,005 361 1,163

MEAT PRODUCTS EXPORTED.

In the year 1914 meat products were exported to the value of \$137,737,493, which increased to \$259,064,321 in the year 1915, and increased again to the value of \$279,198,960 in the year 1916. The statement herewith is from the reports of the United States Department of Commerce.

	1914. Pounds.	1915. Pounds.	1916. Pounds.
Beef, canned	20,734,748	69,999,828	54,026,922
Beef, fresh..	31,422,463	268,813,397	181,979,031
Beef, pickled	23,779,449	42,746,813	36,681,148
Oleo Oil..	85,144,527	109,185,783	83,891,672
Oleomarg.	2,292,690	6,775,163	6,309,380
Tallow..	9,980,066	26,563,075	15,338,057
Bacon..	184,267,850	524,138,245	592,617,529
Hams and S.	142,398,301	266,442,819	287,161,195
Lard..	438,015,898	451,286,439	426,659,599
Neut'l Lard.	21,797,521	35,389,918	27,314,774
Pork, canned.	2,786,415	7,928,914	7,263,042
Pork, fresh.	1,250,977	24,230,183	55,172,868
Pork, pickled	37,066,108	59,047,397	55,148,024
Lard Comp.	63,355,911	63,869,985	49,821,709
Mutton....	3,847,093	4,230,928	5,157,883
Sausage....	5,092,436	13,345,189	11,998,350

The "Byerly Turk," a Turkish stallion ridden by Capt. Byerly, of the English army, in 1669, is credited with being one of the foundation stock of the English Thoroughbred.

POP CORN, SWEET CORN AND GREEN PEAS.

The extent of acreage devoted to pop corn, sweet corn and to green peas, together with the number of farms engaged in each kind of industry, is presented herewith. The figures represent a normal year and were compiled by the United States Census.

Productions. State.	Pop Corn. Farms.	Acres.	Sweet Corn. Farms.	Green Peas. Farms.	Acres.
ALA..	12	16	57	175	191
ARIZ..	1	2	37	106	21
ARK..	16	24	74	145	79
CALIF..	59	361	809	2,854	787
COLO.	24	97	342	950	101
CONN.	12	19	902	2,142	124
DEL..	3	3	272	1,341	384
D. C..	.....	.....	23	47	20
FLA..	1	1	130	275	259
GA..	50	93	229	444	265
IDAHO	9	13	24	115	24
ILL..	189	998	2,431	19,076	340
IND..	109	357	2,058	7,977	771
IOWA.	428	5,345	2,013	12,568	58
KAS..	193	520	1,423	3,653	55
KY..	15	19	409	1,103	411
LA..	67	89	251	1,218	86
MAINE.	8	11	3,549	8,693	158
MD..	9	17	2,630	18,387	1,179
MASS.	31	93	1,076	4,942	288
MICH.	200	362	2,433	5,726	926
MINN.	73	266	803	2,829	141
MISS..	4	6	51	112	257
MO..	87	226	1,174	2,858	97
MONT..	.....	.....	79	164	7
NEB..	213	2,167	851	3,167	5
NEV..	.....	.....	18	23	3
N. H..	8	16	267	589	26
N. J..	17	34	2,705	10,442	876
N. M..	1	7	20	41	12
N. Y..	188	344	6,584	23,739	4,501
N. C..	7	16	211	369	339
N. D..	4	9	75	141	6
OHIO.	172	439	4,591	17,298	538
OKLA.	54	98	240	548	32
OREGON	14	54	211	457	60
PENN..	50	107	4,896	11,764	250
R. L..	4	4	317	790	76
S. C..	5	8	33	91	227
S. D..	31	31	194	579	6
TENN.	18	23	134	365	217
TEXAS.	52	93	167	418	311
UTAH.	8	16	75	120	138
VT..	8	48	285	1,110	26
VA..	10	18	751	2,101	1,053
WASH.	11	62	255	561	105
W. VA.	6	7	455	878	43
WIS..	54	184	936	3,789	1,340
WYO..	.....	.....	24	44	.....

Total. 2,523 12,773 48,514 178,224 17,219 70,487

RICE PRODUCTION OF 1917.

The final estimate of rice production of 1917 shows an increased acreage. A reduction of the production from 47 bushels per acre in 1916 to 37.6 bushels in 1917 brought about the decreased total crop.

State.	Planted Acres.	Yield Per Acre.	Produc- tion, Bushels.
ALA..	400	27.0	12,000
ARK..	146,200	41.0	5,994,000
CALIF..	80,000	70.0	5,600,000
FLA..	800	26.0	21,000
GA..	900	30.0	27,000
LA..	500,000	36.5	18,250,000
MISS..	2,100	30.0	63,000
MO..	400	45.0	18,000
N. C..	300	26.0	8,000
S. C..	3,000	25.0	75,000
TEXAS.	230,000	27.0	6,210,000
U. S..	964,100	37.6	36,278,000

THE COVENT GARDEN MARKET.

Covent Garden Market, the great wholesale fruit and vegetable market of the city of London, was originated about 1656 by the construction of wooden sheds and selling stalls. Covent Garden was in earlier days the garden of Westminster Abbey when it was properly named Convent Garden.

The exportation of horses from Virginia was prohibited in the year 1657.

SMALL FRUITS.

The Number of Farms Reporting the Class of Berries Raised Upon Them.

In the United States, during the last census year, 1909, a total of 272,460 farms produced more or less small fruits and on some farms more than one berry was raised. The farms reported as raising strawberries were 216,544; blackberries and dewberries, 141,157; raspberries and Loganberries, 116,929; cranberries, 3,910; currants, 62,093; gooseberries, 58,567; and other berries, 609. The total production was 426,565 quarts, and valued at \$29,974,481. Ten years previous the number of farms reporting were 309,770, and the production was 426,565,863 quarts.

The tabulated statement presented herewith represents the number of farms in each state growing different kinds of berries.

State.	Strawberries, Farms....	Blackberries, Farms....	Raspberries, Farms....	Cranberries, Farms....	Currants, Farms....	Gooseberries, Farms....
ALA....	1,958	632	169	1	15	40
ARIZ....	68	40	17	1	10	4
ARK....	3,869	1,430	449	1	58	391
CALIF....	2,282	3,190	2,524	12	364	343
COLO....	1,231	384	1,071	1,049	842	1
CONN....	2,240	555	943	103	570	130
DEL....	3,625	650	237	1	23	39
D.O.F.C.	16	2	2	1	3	1
FLA....	1,014	210	8	3	3	1
GA....	1,394	648	159	1	36	10
IDAHO....	1,605	500	2,086	1	1,374	1,390
ILL....	10,311	14,138	8,156	166	3,635	8,131
IND....	5,433	5,216	4,104	3	2,690	4,088
IA....	19,871	15,874	12,574	4	6,906	6,382
KAS....	3,967	6,912	1,678	1	829	1,923
KY....	3,983	8,911	1,650	1	295	1,336
LA....	874	187	7	1	1	1
ME....	3,464	1,464	1,051	536	1,076	824
MD....	7,468	979	1,333	1	366	365
MASS....	4,654	1,368	1,506	1,350	1,336	330
MICH....	16,708	4,707	11,075	91	3,458	1,637
MINN....	9,420	848	4,890	264	3,053	1,807
MISS....	755	672	100	1	11	3
MO....	13,429	22,971	5,631	103	1,672	9,091
MONT....	619	129	361	1	654	350
NEB....	3,425	1,982	1,128	1	1,669	2,016
NEV....	19	11	33	1	79	99
N. J....	6,086	2,153	1,450	114	377	348
N. IL....	1,594	522	657	238	838	139
N. M....	54	54	50	1	74	125
N. Y....	14,086	4,882	13,187	88	7,528	1,696
N. C....	5,668	2,655	331	5	89	127
N. D....	883	75	923	29	2,378	1,857
OHIO....	8,799	4,207	6,175	25	2,861	2,208
OKLA....	1,182	6,220	387	1	212	151
ORE....	3,701	1,307	3,294	17	877	1,463
PENN....	13,515	4,892	8,990	55	5,375	1,999
R. I....	545	69	154	127	130	43
S. C....	1,383	675	79	7	30	5
S. D....	1,836	112	519	7	1,448	1,271
TENN....	6,046	3,884	830	1	52	141
TEX....	1,423	5,459	224	1	49	11
UTAH....	1,049	247	1,291	1	1,043	851
VT....	1,240	423	591	29	992	244
VA....	4,651	1,586	1,121	2	205	239
WASH....	4,323	1,818	3,617	4	1,287	1,199
W. VA....	2,408	3,829	3,905	1	658	781
WIS....	12,084	2,272	6,132	229	3,853	1,841
WYO....	146	6	80	1	303	234

The Jesuit Fathers planted pears in the region of the Great American Lakes in 1562.

Small Fruits.

The figures below are census figures, showing the total acreage in small fruits in all states, acreage 1899 and 1909, side by side, and production of small fruits in the last census year. No later figures are available:

State.	1899, Acres.	1909, Acres.	Production, 1909, Quarts.
ALABAMA....	761	1,232	1,907,193
ARIZONA....	79	76	112,190
ARKANSAS....	10,819	8,032	8,965,572
CALIFORNIA....	6,281	9,687	26,824,120
COLORADO....	2,347	2,829	4,294,938
CONNECTICUT....	1,987	1,597	3,283,522
DELAWARE....	10,599	8,687	14,425,209
DIST. OF COL....	82	12	24,109
FLORIDA....	1,348	1,356	2,396,573
GEORGIA....	1,634	988	1,262,155
IDAHO....	957	1,673	2,071,141
ILLINOIS....	16,794	11,723	13,602,676
INDIANA....	13,115	5,919	7,424,831
IOWA....	9,635	7,211	10,344,052
KANSAS....	5,824	5,400	5,477,274
KENTUCKY....	6,126	4,387	4,972,702
LOUISIANA....	1,408	3,587	6,420,207
MAINE....	1,585	1,260	2,285,415
MARYLAND....	17,532	16,595	26,277,054
MASSACHUSETTS....	8,346	9,532	29,260,143
MICHIGAN....	29,197	21,419	27,214,659
MINNESOTA....	3,092	3,738	4,476,575
MISSISSIPPI....	1,594	836	1,407,301
MISSOURI....	14,860	17,009	23,696,231
MONTANA....	554	562	766,791
NEBRASKA....	1,171	1,411	1,594,421
NEVADA....	53	37	50,287
N. HAMPSHIRE....	730	618	998,244
NEW JERSEY....	25,350	24,069	38,822,987
NEW MEXICO....	48	66	76,532
NEW YORK....	25,051	22,496	37,857,829
N. CAROLINA....	6,837	6,701	12,827,427
N. DAKOTA....	67	399	285,696
OHIO....	21,121	11,591	15,721,033
OKLAHOMA....	1,388	2,745	2,310,367
OREGON....	3,470	5,122	9,348,490
PENNSYLVANIA....	12,271	8,678	13,620,047
R. ISLAND....	281	281	437,560
S. CAROLINA....	591	856	1,408,099
S. DAKOTA....	161	419	401,295
TENNESSEE....	12,944	12,539	13,895,493
TEXAS....	3,904	5,053	6,182,742
UTAH....	1,052	1,416	3,118,395
VERMONT....	418	469	826,122
VIRGINIA....	8,796	7,295	11,342,980
WASHINGTON....	2,845	5,508	13,490,930
W. VIRGINIA....	1,994	2,913	2,336,562
WISCONSIN....	12,389	6,305	9,782,779
WYOMING....	37	106	96,833
	309,770	272,460	426,565,863

Marketings of Wheat.

One table below explains by quantity when the wheat crop is sold by farmers, and the other table shows the same result by percentage. We have taken some liberties with the government report to make it handier and fit the minds of the inquirers.

	Estimated Amount Sold Monthly by Farmers (Mil- lions of Bushels).				Per Cent. of Year's Sales.			
	1913. 1914. 1915. 1916.				1913. 1914. 1915. 1916.			
JAN.	38	44	41	58	5.7	6.7	5.1	6.8
FEB.	31	32	46	58	5.4	4.8	5.7	6.8
MCH.	22	28	26	32	3.7	4.2	3.3	3.3
APR.	22	19	37	33	3.4	2.9	4.6	3.9
MAY.	25	23	22	40	3.8	3.5	2.7	4.7
JUNE.	25	25	17	31	3.3	3.8	2.1	3.6
JULY.	54	108	141	60	8.4	16.3	17.5	7.1
AUG.	88	88	106	91	13.9	13.4	13.2	11.0
SEPT.	104	94	125	122	16.4	14.3	15.5	14.4
OCT.	103	85	100	123	12.9	12.8	12.5	14.5
NOV.	69	64	83	105	8.4	9.7	10.3	12.4
DEC.	55	50	60	94	6.4	7.6	7.5	11.0

Total 635 660 804 850 100.0 100.0 100.0 100.0

Corn on Farms, March 1st, 1918.

In the year 1918, according to the Department of Agriculture, 49.5 per cent. of the corn crop was on farms on March 1st, against 30.5 per cent. a year ago, and a ten-year average of 36.9. In 1917, on March 1st, corn on farms actually amounted to 782,303 bushels, and in 1918 the total is 1,292,905 bushels.

State.	Shipped Out, Bushels.	On Hand, on Farms.	Per Cent. of Crop.
ALA.....	10,036,000	41,688,000	54
ARIZ.....	35,000	173,000	20
ARK.....	7,392,000	28,896,000	43
CALIF.....	408,000	360,000	15
COLO.....	1,596,000	3,724,000	35
CONN.....	145,000	1,696,000	35
DEL.....	2,502,000	3,988,000	51
FLA.....	971,000	5,550,000	40
GA.....	5,760,000	39,600,000	55
IDAHO.....	14,000	41,000	6
ILL.....	167,200,000	192,280,000	46
IND.....	44,756,000	85,443,000	42
IOWA.....	102,675,000	151,959,000	37
KAS.....	26,919,000	35,892,000	28
KY.....	13,514,000	55,282,000	45
LA.....	2,112,000	16,053,000	38
MAINE.....	.....	117,000	15
MD.....	9,547,000	14,040,000	50
MASS.....	28,000	1,122,000	40
MICH.....	376,000	6,020,000	16
MINN.....	11,700,000	19,800,000	22
MISS.....	13,448,000	41,184,000	49
MO.....	70,560,000	105,840,000	42
MONT.....	.....	101,000	10
NEB.....	99,792,000	139,709,000	56
NEV.....	1,000	6,000	10
N. H.....	.....	240,000	22
N. J.....	1,533,000	5,747,000	45
N. M.....	170,000	680,000	20
N. Y.....	260,000	5,208,000	20
N. C.....	3,000,000	30,600,000	51
N. D.....	.....	159,000	3
OHIO.....	21,014,000	61,541,000	41
OKLA.....	1,658,000	6,298,000	19
OREGON.....	38,000	1,26,000	10
PENN.....	7,465,000	23,018,000	37
R. I.....	66,000	224,000	54
S. C.....	1,318,000	23,731,000	41
S. D.....	30,116,000	31,088,000	32
TENN.....	23,342,000	52,240,000	47
TEXAS.....	778,000	12,452,000	16
UTAH.....	5,000	70,000	14
VT.....	.....	761,000	30
VA.....	8,673,000	36,138,000	50
WASH.....	91,000	182,000	12
W. VA.....	1,001,000	7,506,000	30
WIS.....	.....	4,220,000	10
WYO.....	7,000	112,000	17
U. S.....	692,022,000	1,292,905,000	50

WEIGHTS OF HORSES AND MULES.

The following statement issued by the United States Department of Agriculture gives average weight of matured horses and mules in different states:

States.	Horses. Pounds.	Mules. Pounds.
MAINE.....	1,325	1,050
NEW HAMPSHIRE.....	1,270	1,050
VERMONT.....	1,200	1,000
MASSACHUSETTS.....	1,255	1,040
RHODE ISLAND.....	1,290	1,020
CONNECTICUT.....	1,220	1,040
NEW YORK.....	1,180	995
NEW JERSEY.....	1,220	1,010
PENNSYLVANIA.....	1,210	1,000
DELAWARE.....	1,080	920
MARYLAND.....	1,150	995
VIRGINIA.....	1,100	950
WEST VIRGINIA.....	1,165	950
NORTH CAROLINA.....	980	880
SOUTH CAROLINA.....	950	925
GEORGIA.....	940	970
FLORIDA.....	850	970
OHIO.....	1,310	1,040
ILLINOIS.....	1,270	1,050
INDIANA.....	1,255	1,040
MICHIGAN.....	1,295	1,040
WISCONSIN.....	1,300	1,025
MINNESOTA.....	1,305	1,035
IOWA.....	1,320	1,050

Oats on Farms, March 1st, 1918.

On March 1st, in the United States, 51.2 per cent. of the crop of oats had been shipped out of the county where grown, and 37.5 per cent. remained on the farms. The previous year the percentage on farms was 31.5 and the ten-year average 35.8.

State.	Shipped Out, Bushels.	On Hand, Bushels.	Per Cent. of Crop.
ALA.....	292,000	778,000	8
ARIZ.....	12,000	80,000	20
ARK.....	666,000	2,666,000	28
CALIF.....	1,852,000	686,000	10
COLO.....	1,781,000	3,563,000	32
CONN.....	.....	290,000	44
DEL.....	17,000	32,000	25
FLA.....	15,000	92,000	12
GA.....	312,000	728,000	7
IDAHO.....	4,180,000	2,194,000	21
ILL.....	139,308,000	102,648,000	42
IND.....	32,105,000	26,754,000	35
IOWA.....	113,505,000	106,102,000	43
KAS.....	15,577,000	21,241,000	30
KY.....	403,000	2,337,000	29
LA.....	131,000	169,000	9
MAINE.....	49,000	1,479,000	30
MD.....	204,000	437,000	30
MASS.....	4,000	111,000	25
MICH.....	11,881,000	20,933,000	37
MINN.....	31,265,000	44,492,000	37
MISS.....	228,000	456,000	8
MO.....	18,944,000	23,088,000	39
MONT.....	1,632,000	3,400,000	25
NEB.....	46,178,000	63,494,000	55
NEV.....	28,000	112,000	20
N. H.....	.....	160,000	30
N. J.....	248,000	993,000	40
N. M.....	270,000	297,000	22
N. Y.....	1,339,000	17,850,000	40
N. C.....	58,000	636,000	11
N. D.....	1,931,000	12,746,000	33
OHIO.....	23,430,000	28,897,000	37
OKLA.....	2,645,000	3,968,000	15
OREGON.....	2,555,000	2,281,000	15
PENN.....	3,290,000	17,272,000	25
R. I.....	.....	25,000	40
S. C.....	60,000	360,000	6
S. D.....	22,908,000	26,834,000	41
TENN.....	1,029,000	1,838,000	25
TEXAS.....	5,558,000	3,705,000	10
UTAH.....	616,000	1,452,000	33
VT.....	32,000	1,109,000	35
VA.....	276,000	1,378,000	25
WASH.....	4,047,000	2,810,000	25
W. VA.....	39,000	1,004,000	26
WIS.....	15,840,000	37,620,000	38
WYO.....	1,610,000	3,598,000	38
U. S.....	508,350,000	595,195,000	37

WEIGHTS OF HORSES, ETC.—Continued.

MISSOURI.....	1,130	1,015
NORTH DAKOTA.....	1,290	1,040
SOUTH DAKOTA.....	1,245	1,010
NEBRASKA.....	1,255	1,040
KANSAS.....	1,220	1,040
KENTUCKY.....	1,010	950
TENNESSEE.....	990	890
ALABAMA.....	895	895
MISSISSIPPI.....	870	865
LOUISIANA.....	900	940
TEXAS.....	1,000	930
OKLAHOMA.....	1,080	960
ARKANSAS.....	960	890
MONTANA.....	1,290	1,010
WYOMING.....	1,290	1,030
COLORADO.....	1,230	1,050
NEW MEXICO.....	1,030	920
ARIZONA.....	1,150	970
UTAH.....	1,270	1,020
NEVADA.....	1,200	980
IDAHO.....	1,270	1,050
WASHINGTON.....	1,350	1,110
OREGON.....	1,310	1,100
CALIFORNIA.....	1,235	1,065
UNITED STATES.....	1,203	956

The common and well-known lilac was introduced into European countries by way of Constantinople in 1597.

Pecan Trees and Production.

In the year 1899 the pecan production of the United States was 3,206,850 pounds, and in the year 1909 the output increased to 9,890,769 pounds. In the year 1910 we had a total of 1,619,521 trees of bearing age and 1,685,066 trees not of bearing age. Farms reporting bearing trees were 37,549, and 43,944 had trees not of bearing age. In pecan production Texas is away in the lead, but there are other states increasing the number of trees.

State.	1910.			
	Trees of Bearing Age.	Trees Not of Bearing Age.	Production, Pounds.	Value, Dollars.
ALA....	44,683	125,734	228,341	30,540
ARIZ....	61	212	1,075	131
ARK....	13,958	13,811	249,955	17,603
CALIF....	4,226	2,793	44,955	4,632
COLO....		50		
CONN....		1,601	150	7
DEL....	156	48	85	13
FLA....	42,512	176,207	307,632	43,962
GA....	75,519	325,779	354,046	47,845
IDAHO....	20	27		
ILL....	28,330	8,223	107,069	10,301
IND....	4,883	946	19,287	1,940
IA....	247	148	1,890	59
KAS....	27,716	2,797	20,583	1,462
KY....	2,399	2,301	28,577	2,887
LA....	36,527	119,547	723,578	70,635
ME....	3		100	20
MD....	172	460	1,717	85
MASS....		1		
MICH....	39	4	1,600	75
MINN....	6	35	25	5
MISS....	60,524	148,030	637,293	79,936
MO....	48,822	7,214	147,420	10,467
NEB....	181	191	695	31
NEV....	16	13		
N. J....	22	52	120	76
N. M....	31	1,468	53	5
N. Y....	5			
N. C....	6,876	20,781	74,861	8,194
N. D....		3		
OHIO....	81	308	1,010	70
OKLA....	96,766	53,796	894,172	59,481
ORE....	62	965	1,010	78
PENN....	554	463	14,885	532
R. I....	6	1		
S. C....	33,366	4,369	159,823	20,442
S. D....	43	34	6	1
TENN....	2,037	3,309	25,581	2,566
TEX....	1,087,619	621,550	5,832,367	556,203
UTAH....	35	12		
VT....	1	4		
VA....	868	2,337	10,568	1,356
WASH....	34	140		
W. VA....	126	6	240	16

Total.. 1,619,521 1,685,066 9,890,769 971,596

SCOTTISH AGRICULTURE.

The Board of Scottish Agriculture has issued a preliminary statement showing the estimated yield of wheat, barley, oats and hay in Scotland in the year 1917, with comparative figures for 1916:

Area.		Total Produce.	
1916.	1917.	1916.	1917.
Acres.	Acres.	Bushels.	Bushels.
WHEAT.			
63,083	60,932	2,264,000	2,432,000
BARLEY.			
169,735	159,134	5,176,000	5,640,000
OATS.			
990,589	1,041,343	36,224,000	43,576,000
ROTATION GRASS.			
Acres.	Acres.	Long Tons.	Long Tons.
420,099	421,502	760,000	657,000
PERMANENT GRASS.			
114,787	112,758	178,000	141,000
TIMOTHY.			
44,436	47,594	97,000	103,000

Production of Peanuts.

If all farm crops made as good showing as peanuts there would be plenty to eat in the country. The increase in acreage is from 516,654 in 1899 to 869,887 in the year 1906. The increase in production is from 11,964,109 bushels in 1889 to 19,415,816 bushels in 1909. In the year 1889 only 133,909 farms reported raising peanuts, but in 1909 there were 218,998 farms on which peanuts were produced. The table presented herewith shows acreage and production for two census years.

State.	1899.		1909.	
	Acreage.	Bushels.	Acreage.	Bushels.
ARIZ....	4	234	9	345
ARK....	5,223	78,237	10,192	168,608
CALIF....	433	15,461	99	2,991
COLO....	5	138	2	7
DEL....	2	23	25	202
FLA....	64,452	967,927	126,150	2,315,089
GA....	100,589	1,435,775	160,317	2,569,787
IDAHO....				20
ILL....	49	879	109	1,792
IND....	11	199	18	624
IA....	7	127	13	359
KAS....	225	4,516	48	2,047
KY....	92	1,405	79	1,735
LA....	3,107	45,713	25,020	412,037
ME....		22		5
MD....	7	143	1	30
MASS....		3		12
MICH....			64	1,111
MINN....			1	15
MISS....	5,853	95,738	13,977	284,791
MO....	271	6,679	130	3,220
NEB....	11	221	1	93
NEV....		151		
N. H....		2		
N. J....		7	1	16
N. M....	1	10	126	1,375
N. Y....			6	132
N. C....	95,850	3,460,439	195,134	5,980,919
N. D....			10	101
OHIO....				31
OKLA....	2,205	50,428	1,564	31,889
ORE....	1	25	3	206
PENN....	2	77		4
R. I....				4
S. C....	7,162	131,710	7,596	154,822
S. D....				10
TENN....	19,534	747,668	18,952	547,240
TEX....	10,734	184,860	64,327	1,074,993
UTAH....	2			10
VA....	116,914	3,713,347	145,213	4,284,340
WASH....		15		
W. V....	11	199		64
WIS....			70	945
WYO....	1	3		

Total. 516,654 11,964,109 869,887 19,415,816

The Peanut Crop—1917.

The importance of the peanut crop is shown, also the great difference one year with another. Alabama and Texas together produce more than half the crop. Thirteen states out of forty-eight raise peanuts in merchantable quantities.

State.	1916.		1917.	
	Planted, Acres.	Planted, Acres.	Production, Bushels.	Production, Bushels.
VA....	150,000	165,000	5,400,000	5,775,000
N. C....	205,000	202,000	6,970,000	7,676,000
S. C....	10,000	10,000	450,000	450,000
GA....	40,000	255,000	1,240,000	9,435,000
FLA....	10,000	40,000	300,000	1,400,000
MO....	350	400	10,500	18,000
TENN....	16,000	15,000	608,000	450,000
ALA....	300,000	711,000	9,000,000	16,013,000
MISS....	3,000	4,000	75,000	136,000
LA....	33,000	35,000	891,000	1,015,000
TEX....	275,000	600,000	9,075,000	16,200,000
OKLA....	11,000	17,000	385,000	544,000
ARK....	23,000	30,000	920,000	1,110,000

Total 1,076,350 2,084,400 35,324,500 60,222,000

Production of Grapes.

The production of grapes increased from 1,300,984,097 pounds in the year 1899 to 2,571,065,205 pounds in 1909. In the year 1910, when the census was taken, there were 223,701,522 vines of bearing age and 59,928,644 vines not of bearing age. The tabulated statement herewith shows the vines and production in all the states.

State.	1910.		Production, Pounds.
	Vines of Bearing Age.	Vines Not of Bearing Age.	
ALA...	237,431	77,105	1,723,490
ARIZ...	131,579	84,510	837,842
ARK...	805,921	177,624	2,593,727
CALIF...	144,097,670	39,526,319	1,979,686,525
COLO...	254,292	101,332	1,037,614
CONN...	107,054	61,670	1,317,682
DEL...	260,963	98,950	1,938,267
D. C...	5,196	200	28,530
FLA...	20,962	8,830	1,086,344
GA...	277,658	38,233	2,767,366
IDAHO	68,269	124,806	604,227
ILL...	2,170,340	287,734	16,582,785
IND...	1,049,232	149,441	12,817,353
IOWA...	1,983,465	446,126	11,708,336
KAS...	2,889,845	343,002	6,317,684
KY...	605,002	77,626	3,680,182
LA...	31,041	20,936	106,595
ME...	9,731	1,944	231,529
MD...	138,801	44,690	2,152,382
MASS...	58,277	14,261	1,132,833
MINN...	11,013,576	1,869,648	120,685,997
MISS...	61,916	35,950	293,805
MICH...	77,012	34,870	760,563
MO...	3,026,526	486,044	17,871,816
MONT...	986	1,121	370
NEB...	1,221,736	380,788	4,752,217
NEV...	26,607	7,941	736,205
N. H...	15,802	3,016	375,161
N. J...	1,603,280	558,945	6,501,221
N. M...	250,076	122,367	425,415
N. Y...	31,802,097	3,801,800	253,006,361
N. C...	411,278	120,208	15,116,920
N. D...	379	1,464	360
OHIO...	8,326,800	455,750	43,933,207
OKLA...	2,388,213	447,489	3,762,727
ORE...	381,302	468,598	3,206,874
PENN...	5,271,264	8,252,811	34,020,198
R. I...	7,662	9,634	125,937
S. C...	79,708	19,704	2,016,506
S. D...	38,647	46,891	144,634
TENN...	358,758	76,040	1,979,480
TEX...	712,201	297,869	1,802,618
UTAH...	204,445	94,043	1,576,363
VT...	9,318	1,845	203,011
VA...	424,701	136,026	4,108,694
WASH...	322,007	371,733	1,704,005
W. VA...	284,074	76,465	3,224,751
WIS...	148,348	63,098	701,329
WYO...	74	1,147	159
Total.	223,701,522	59,928,644	2,571,065,205

Advertising Managers, see that you get the benefit of the service of The National Farmer and Stock Grower of St. Louis, Mo., the best medium in the richest agricultural circle.

Some pages of AGRICULTURAL STATISTICS remain from one issue to another. Important matter should be left in sight, especially if something more valuable cannot be found.

CALIFORNIA CROP FORECASTS.

The quantitative forecasts on October 1, 1918, by the United States Department of Agriculture for California of several crops grown largely in that state are as follows: Peaches, 11,750,000 bushels; pears, 3,600,000 bushels; almonds, 4,875 tons; prunes, 39,000 tons; walnuts, 16,080 tons; raisins, 162,000 tons; beans, including limas, 8,358,000 bushels.

The Production of Strawberries.

The tabulation herewith is what we call foundation information, being a statement of the production of strawberries ten years apart. The census of 1900 showed that in the year 1899 151,363 acres were devoted to raising strawberries and the production was 257,427,103 quarts. Ten years later, in 1909, the area devoted to producing strawberries was reduced to 143,045 and the production was 255,702,035 quarts. Since the census year, all we have on strawberries are the estimates of the Agricultural Department in important strawberry-growing states.

State.	1899.		1909.	
	Acres.	Quarts.	Acres.	Quarts.
ALA...	607	804,480	1,167	1,848,537
ARIZ...	60	109,550	58	95,247
ARK...	9,611	12,667,740	7,361	8,259,240
CAL...	2,418	7,690,830	4,585	15,694,326
COLO...	1,067	2,224,240	1,326	1,674,923
CONN...	971	2,569,120	993	3,016,295
DEL...	6,344	10,498,640	7,194	12,730,265
D. C...	50	84,480	11	18,709
FLA...	1,315	1,731,730	1,323	2,383,397
GA...	1,423	3,385,728	890	1,157,472
IDA...	239	379,630	698	953,723
ILL...	7,113	13,151,330	5,410	8,031,821
IND...	4,714	9,669,710	2,574	3,759,132
IA...	2,335	3,164,320	2,917	5,330,103
KAS...	2,304	3,321,650	1,719	2,119,048
KY...	4,128	6,767,300	1,552	2,114,929
LA...	1,395	1,841,800	3,570	6,405,236
ME...	512	1,066,860	698	1,626,250
MD...	13,980	24,035,640	14,292	23,611,095
MASS...	2,027	4,997,240	2,015	5,518,867
MICH...	10,837	18,384,340	8,051	14,218,768
MINN...	1,302	2,506,020	1,873	2,730,099
MISS...	1,383	1,546,570	772	1,345,013
MO...	7,498	13,018,460	9,048	15,171,034
MONT...	281	532,260	265	406,033
NEB...	369	408,350	562	654,061
NEV...	14	16,440	5	11,189
N. H...	307	568,640	310	638,057
N. J...	8,746	13,271,120	8,684	18,767,473
N. M...	9	15,400	20	35,631
N. Y...	7,311	13,849,860	6,382	15,945,863
N. C...	5,616	10,674,610	5,420	10,313,361
N. D...	3	4,040	88	66,028
OHIO...	9,373	17,916,080	4,706	8,501,065
OKLA...	626	670,540	825	830,404
ORE...	1,792	3,837,820	2,941	5,322,040
PENN...	5,667	10,179,430	4,136	9,033,904
R. I...	154	381,870	140	326,540
S. C...	499	845,695	815	1,337,208
S. D...	62	65,430	226	238,164
TENN...	11,548	13,683,840	10,761	12,339,584
TEX...	1,361	2,344,220	2,161	4,207,056
UTAH...	345	663,190	719	1,832,796
VT...	232	598,020	276	615,820
VA...	7,821	12,270,300	6,606	10,761,381
WASH...	1,263	2,577,580	5,283	7,683,774
W. VA...	709	1,068,300	704	813,049
WIS...	3,508	7,343,740	2,863	5,188,117
WYO...	19	19,920	24	20,895
Total	151,363	257,427,103	143,045	255,702,035

MARKETINGS BY PERCENTAGE.

Month.	Per Cent. of Year's Sales.				
	1917-18.	1916-17.	1915-16.	1914-15.	1913-14.
July.....	5.3	6.2	5.6	8.9	5.8
August.....	4.0	7.1	5.9	7.1	8.8
September...	3.4	5.9	6.4	4.7	4.5
October.....	3.8	5.8	6.0	4.7	7.9
November...	8.8	14.0	10.4	14.7	17.8
December...	12.2	12.5	15.9	16.8	21.4
January.....	14.2	15.1	11.7	19.8	10.7
February...	16.1	9.0	12.4	7.8	7.1
March.....	13.7	7.0	7.1	4.6	6.3
April.....	7.1	5.4	6.4	5.6	4.4
May.....	5.6	6.5	6.3	4.4	6.2
June.....	5.8	6.0	5.9	5.9	4.6
Season.....	100.0	100.0	100.0	100.0	100.0

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Blackberries and Dewberries.

Herewith we present the United States census figures ten years apart, showing the production of blackberries and dewberries. There is the enumeration for the year 1899, when on 50,211 acres the production was 62,189,855 quarts, and in the year 1909, when on 49,004 acres the production was 55,343,570 quarts. Missouri, New Jersey and California are the largest producers of this class.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA....	104	98,600	58	44,954
ARIZ....	9	8,690	16	13,803
ARK....	769	969,290	525	587,977
CALIF..	1,960	4,159,131	2,576	4,898,524
COLO....	195	216,020	128	227,538
CONN....	177	275,810	128	192,752
DEL....	2,935	1,976,810	1,256	1,403,977
D.O.F.C.	10	12,720	.....	1,700
FLA....	13	13,210	13	12,817
GA....	143	144,060	67	67,285
IDAHO..	87	117,140	170	249,984
ILL....	5,032	7,294,990	3,503	291,473
IND....	3,192	5,255,840	1,347	1,482,909
IA....	1,719	1,966,070	2,279	2,733,728
KAS....	2,044	1,857,514	2,682	2,535,918
KY....	1,024	1,068,340	2,141	2,165,547
LA....	9	10,170	16	14,332
ME....	123	164,300	145	153,816
MD....	1,501	1,713,680	1,180	1,372,161
MASS....	365	522,860	287	307,987
MICH....	4,385	5,324,110	2,973	3,075,954
MINN....	162	127,010	145	139,714
MISS....	84	97,030	58	53,735
MO....	4,441	5,121,860	5,975	6,391,209
MONT....	18	17,970	34	36,321
NEB....	152	157,880	428	501,872
NEV....	4	5,410	1	1,078
N. H....	65	105,290	67	75,913
N. J....	5,254	3,918,320	4,332	5,456,789
N. M....	3	2,940	10	10,089
N. Y....	2,060	3,167,090	1,951	2,509,851
N. C....	1,073	1,089,290	1,233	2,464,065
N. D....	1	860	2	3,404
OHIO....	3,397	4,905,430	2,425	2,465,407
OKLA....	683	714,880	1,792	1,366,497
ORE....	717	1,310,920	431	915,744
PENN....	1,383	1,995,070	1,235	1,063,257
R. I....	17	23,600	16	17,875
S. C....	39	50,960	38	64,754
S. D....	5	4,400	5	6,053
TENN....	733	839,210	1,514	1,316,100
TEX....	2,394	2,701,750	2,773	1,868,119
UTAH....	72	80,110	95	184,140
VT....	48	84,990	47	56,252
VA....	444	582,830	344	273,551
WASH....	388	803,340	769	2,340,779
W. VA....	367	396,850	1,292	803,498
WIS....	411	644,880	407	498,119
WYO....	.....	480	.....	119

Total 50,211 62,189,885 49,004 55,343,570

MONTHLY MARKETINGS OF OATS BY FARMERS.

Estimated Amount Sold Monthly by Farmers of the United States (Millions of Bushels).
1917- 1916- 1915- 1914- 1913-

Month.	18.	17.	16.	15.	14.
July.....	24	31	23	35	29
August.....	82	87	53	64	57
September...	67	51	59	55	44
October.....	56	40	57	40	33
November....	38	30	48	27	23
December....	39	21	47	25	24
January.....	42	25	33	16	13
February....	40	20	30	15	12
March.....	35	20	23	19	21
April.....	33	14	21	13	10
May.....	20	17	28	10	18
June.....	24	16	22	13	20
Season.....	500	375	450	340	315

In the year 1794 the peppermint plant mentioned and named by Ray in his book, "Historia Plantarum."

It is said that peaches were introduced about the year 1680 into America by the early settlers.

Raspberries and Loganberries.

This basic tabulation is historical and gives in detail by states the acreage devoted to the production of raspberries and Loganberries ten years apart. It is the only positive information of any value that is available. In the year 1899 the area was 60,916 acres, producing 76,628,107 quarts; ten years later the area was reduced to 48,668 and the crop was 60,918,196 quarts. In 1919 another count will be made by the census enumerators. The value of the crop in 1909 was estimated at \$5,132,277.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA....	13	14,390	11	10,546
ARIZ....	2	1,480	1	1,550
ARK....	345	348,450	123	96,414
CALIF..	987	1,446,190	1,992	5,222,117
COLO....	689	817,450	801	1,650,785
CONN....	366	503,210	289	384,256
DEL....	1,280	1,147,120	223	275,871
D. C....	12	15,582	.....	700
FLA....	5	5,670	.....	213
GA....	43	41,750	29	33,928
IDAHO..	230	257,960	496	575,200
ILL....	2,900	3,458,000	1,945	1,834,337
IND....	2,277	4,210,900	1,412	1,595,921
IA....	3,394	3,604,210	1,573	1,728,547
KAS....	957	820,330	713	616,035
KY....	755	787,820	564	558,529
LA....	.....	110	1	639
ME....	131	214,700	127	154,121
MD....	1,385	1,450,250	846	959,369
MASS....	413	558,010	388	376,136
MICH....	10,193	12,119,400	8,786	8,381,943
MINN....	1,115	1,252,930	1,388	1,340,469
MISS....	49	56,020	5	7,806
MO....	1,660	1,940,850	1,331	1,563,527
MONT....	80	110,795	113	165,473
NEB....	220	232,580	247	265,183
NEV....	7	11,220	9	17,841
N. H....	80	124,760	85	86,558
N. J....	2,240	2,506,730	1,744	2,143,877
N. M....	9	8,930	12	10,222
N. Y....	12,376	17,575,530	11,057	14,751,940
N. C....	69	73,050	40	37,764
N. D....	12	13,700	85	60,742
OHIO....	6,795	8,745,950	3,869	4,029,480
OKLA....	43	55,180	85	74,104
ORE....	479	783,060	1,460	2,644,948
PENN....	3,938	5,360,530	2,594	2,906,202
R. I....	57	83,300	34	32,871
S. C....	4	4,150	2	4,955
S. D....	21	19,030	66	60,285
TENN....	471	448,170	253	222,331
TEX....	103	123,640	104	97,652
UTAH....	284	426,000	374	758,317
VT....	92	176,440	80	85,065
VA....	365	424,110	76	257,322
WASH....	623	1,134,970	1,210	3,118,720
W. VA....	704	783,360	847	648,174
WIS....	6	2,314,920	964	1,053,889
WYO....	1,616	5,220	14	15,213

Total 60,916 76,628,107 48,668 60,918,196

MARKETINGS BY PERCENTAGE.

OATS.	1917- 18.	1916- 17.	1915- 16.	1914- 15.	1913- 14.
July.....	4.7	8.3	5.1	10.4	9.3
August.....	16.4	23.3	11.8	18.7	18.2
September...	13.5	13.5	13.0	16.3	13.9
October.....	11.1	10.7	12.7	11.7	10.5
November....	7.7	8.0	10.6	7.9	6.8
December....	7.8	5.7	10.5	6.9	7.6
January.....	8.3	7.5	7.4	7.6	5.6
February....	8.0	5.3	8.0	5.6	6.7
March.....	7.1	5.2	5.0	4.4	5.9
April.....	6.5	3.8	4.6	3.7	3.3
May.....	4.0	4.4	6.3	3.1	5.8
June.....	4.9	4.3	5.0	3.7	6.4
Season.....	100.0	100.0	100.0	100.0	100.0

The practice of cutting clover green and giving it to cattle, now called soiling, mentioned as being a common practice in the year 1706.

Production of Gooseberries.

Gooseberries are grown generally without any one state being far ahead of others, but the production had decreased when the last census was taken. In 1899 there were 6,752 acres, producing 9,320,530 quarts; but in 1903, when another count was taken, the area was reduced to 4,765 acres, producing 5,282,843 quarts. In 1899, Indiana and Iowa were the greatest producers, whereas in the later year Illinois and Missouri lead with considerable less production.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA.....	2	1,890	1	2,452
ARIZ.....	2	1,223	.....	575
ARK.....	29	43,970	19	18,168
CALIF.....	133	195,670	74	145,119
COLO.....	122	133,750	192	247,956
CONN.....	7	8,010	9	9,023
DEL.....	24	31,750	11	12,123
DIST. OF C.	1	1,090	.....	1,000
FLA.....	.....	70	.....	.....
GA.....	2	1,900	1	1,102
IDAHO.....	150	197,540	142	130,987
ILL.....	491	797,730	603	541,498
IND.....	617	1,077,840	274	320,965
IA.....	777	975,890	189	233,541
KAS.....	212	269,860	188	138,772
KY.....	99	114,590	115	118,338
LA.....	.....	50	.....	.....
ME.....	30	41,230	59	65,867
MD.....	234	322,140	241	300,321
MASS.....	30	46,390	42	57,827
MICH.....	559	673,360	297	403,680
MINN.....	112	128,250	71	60,661
MISS.....	1	590	1	285
MO.....	731	865,870	555	470,029
MONT.....	51	115,390	35	35,896
NEB.....	192	189,680	88	82,086
NEV.....	8	13,690	11	11,355
N. H.....	4	3,540	5	5,841
N. J.....	102	124,160	155	221,337
N. M.....	12	11,680	17	14,800
N. Y.....	190	304,750	259	331,135
N. C.....	25	30,340	5	5,831
N. D.....	10	11,690	86	56,801
OHIO.....	539	767,760	226	255,840
OKLA.....	.....	9,250	7	8,276
ORE.....	203	326,780	186	307,395
PENN.....	267	366,930	139	109,104
R. I.....	5	5,820	8	8,251
S. C.....	.....	420	.....	183
S. D.....	25	29,270	55	43,403
TENN.....	114	150,620	9	13,740
TEX.....	1	760	9	5,042
UTAH.....	110	173,460	100	147,241
VT.....	3	4,500	6	7,424
VA.....	66	75,140	22	23,447
WASH.....	211	356,570	114	143,264
W. VA.....	59	66,400	30	35,632
WIS.....	177	255,590	82	107,708
WYO.....	3	3,680	27	21,513
Total...	6,752	9,320,530	4,765	5,282,843

ORIGIN OF HOBSON'S CHOICE.

In the year 1630 originated the saying, "Hobson's Choice." This adage has been handed down to us from the Seventeenth Century and had its origin in the eccentricities of one Tobias Hobson. This worthy was a carrier of Cambridge, England, who died in the year 1630. In addition to his ordinary business he kept a stable and let out horses to the students of the university. He made it an unalterable rule, however, that each animal should have an equal period of work and rest, and would never let one out of its turn. Consequently, instead of being allowed to select the steed they most fancied, his customer had to take the one that stood next to the door. If it did not meet with their approval they had to go without a ride. Hence, the proverbial expression, "Hobson's Choice," used to signify a choice without an alternative.

In 1662 the Dutch colony on the Hudson river, New York, added "a first-class wheel plow" with its pulleys, etc., to the stock of agricultural implements at a cost of sixty florins.

Currant-Growing Industry.

Nearly every state in the Union grows a few currants, but only one state in the last census year produced over a million quarts, whereas ten years previous eight states did so. In the year 1899 12,865 acres were devoted to growing currants, and the production was 18,592,695 quarts. Ten years later, in the year 1909, the area devoted to currants was reduced to 7,862 acres and the total production was reduced to 10,448,532 quarts.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA.....	2	2,060	.....	548
ARIZ.....	2	3,280	.....	1,010
ARK.....	5	6,990	4	3,011
CALIF.....	724	1,031,100	407	852,378
COLO.....	226	204,480	282	493,726
CONN.....	175	245,990	54	74,983
DEL.....	12	12,600	3	2,973
D. OF C.	6	5,040	1	2,000
FLA.....	.....	.....	.....	146
GA.....	5	6,740	1	2,320
IDAHO.....	181	218,580	167	161,230
ILL.....	640	842,000	252	265,858
IND.....	577	1,044,025	165	208,049
IA.....	1,017	1,226,560	253	317,637
KAS.....	134	130,210	98	67,005
KY.....	15	19,370	14	15,159
LA.....	.....	50	.....	362
ME.....	31	37,080	80	76,031
MD.....	65	63,460	36	34,009
MASS.....	190	255,580	243	213,810
MICH.....	2,286	2,721,070	609	768,259
MINN.....	259	311,950	200	182,825
MISS.....	3	2,830	.....	.....
MO.....	194	223,730	92	91,207
MONT.....	120	252,860	115	123,031
NEB.....	161	162,880	86	90,779
NEV.....	16	25,670	11	8,824
N. H.....	24	34,060	42	43,319
N. J.....	158	264,740	124	161,223
N. M.....	10	14,340	7	5,523
N. Y.....	2,594	4,584,080	2,557	3,982,389
N. C.....	28	32,360	3	5,382
N. D.....	36	35,440	138	97,598
OHIO.....	765	1,153,920	359	460,575
OKLA.....	11	10,140	36	31,024
ORE.....	169	238,420	89	117,354
PENN.....	716	1,031,870	558	493,871
R. I.....	26	54,020	12	17,110
S. C.....	2	2,290	.....	999
S. D.....	38	37,140	67	52,951
TENN.....	12	13,190	2	3,728
TEX.....	4	5,370	2	4,873
UTAH.....	194	304,850	128	195,901
VT.....	30	50,490	58	58,538
VA.....	39	42,060	5	8,127
WASH.....	238	416,170	127	194,365
W. VA.....	50	51,340	30	34,009
WIS.....	667	1,153,190	298	383,982
WYO.....	8	7,030	41	38,823
Total.	12,865	18,592,695	7,862	10,448,532

ORANGES, LEMONS AND (POMELOES) GRAPE FRUIT.

(Last Census Report.)

State.	ORANGES. Farms.	Boxes.	LEMONS. Farms.	Boxes.	GRAPE FRUIT. Farms.	Boxes.
ALA.....	560	1201	132	65	153	290
ARIZ.....	336	32247	99	1010	64	820
ARK.....	40	1	56	3	.....	.....
CAL.....	19074	14436180	8449	2756221	1876	122515
FLA.....	16769	4852967	498	12367	7662	1061537
GA.....	215	210	42	2	243	361
IA.....	3231	149979	261	303	87	1781
MISS.....	550	3779	141	31	182	1368
N. M.....	3	12	.....	.....	.....	.....
N. C.....	51	21	55	7	.....	.....
S. C.....	80	177	51	66	21	88
TENN.....	43	1	55	6	.....	.....
TEX.....	3054	10694	666	224	403	488
VA.....	16	12	52	8	9	1
Total.	44022	.....	10557	.....	6172	.....
Total.	19487481	.....	2770313	.....	11189250	.....

Apples, Peaches, Pears—1917.

In the December United States Agricultural Report the 1917 crops of apples, peaches and pears are estimated. The largest production of apples is in the state of Washington, with New York, Missouri and Pennsylvania following in the order named. In peaches the state of California leads far beyond other states. California leads in pears, followed by New York and Michigan.

State.	Apples, 1917. Yield, Bushels.	Peaches, 1917. Yield, Bushels.	Pears, 1917. Yield, Bushels.
ALA.....	1,453,000	1,830,000	80,000
ARIZ.....	335,000	60,000	21,000
ARK.....	2,683,000	840,000	102,000
CALIF.....	5,592,000	14,151,000	3,523,000
COLO.....	2,640,000	1,200,000	320,000
CONN.....	1,316,000	268,000	29,000
DEL.....	450,000	647,000	294,000
FLA.....	000	122,000	46,000
GA.....	1,754,000	4,716,000	140,000
IDA.....	1,995,000	165,000	70,000
ILL.....	7,500,000	364,000	456,000
IND.....	5,915,000	592,000	410,000
IOWA.....	5,775,000	30,000	82,000
KAS.....	3,375,000	121,000	140,000
KY.....	9,125,000	1,034,000	204,000
LA.....	000	478,000	52,000
ME.....	4,617,000	000	24,000
MD.....	2,525,000	975,000	525,000
MASS.....	2,186,000	145,000	71,000
MICH.....	5,160,000	744,000	1,080,000
MINN.....	1,445,000	000	000
MISS.....	335,000	375,000	30,000
MO.....	12,375,000	890,000	265,000
MONT.....	911,000	000	11,000
NEB.....	2,400,000	000	14,000
NEV.....	192,000	6,000	6,000
N. H.....	1,035,000	47,000	19,000
N. J.....	2,041,000	871,000	590,000
N. M.....	657,000	60,000	46,000
N. Y.....	14,059,000	2,244,000	1,708,000
N. C.....	6,156,000	1,541,000	150,000
N. D.....	000	000	000
OHIO.....	6,336,000	496,000	334,000
OKLA.....	1,300,000	1,150,000	45,000
ORE.....	3,500,000	250,000	600,000
PENN.....	12,150,000	1,440,000	448,000
R. I.....	198,000	20,000	7,000
S. C.....	818,000	1,130,000	100,000
S. D.....	349,000	000	000
TEXAS.....	5,000,000	900,000	75,000
UTAH.....	345,000	2,352,000	280,000
VT.....	550,000	900,000	48,000
VA.....	1,286,000	000	14,000
WA.....	9,974,000	800,000	194,000
WASH.....	17,897,000	504,000	595,000
W. VA.....	5,994,000	608,000	33,000
WIS.....	3,029,000	000	000
WYO.....	000	000	000
U. S.....	174,608,000	45,066,000	13,281,000

WHEN WATERMELONS ARE HARVESTED.

Returns from truck crop reporters show the per cent. of the watermelon crop in the following states usually harvested in each month from April to October to be as follows:

State.	Apr.	May	June	July	Aug.	Sept.	Oct.
Florida.....	Pct. 2.8	Pct. 23.8	Pct. 56.5	Pct. 13.9	Pct. 1.1	Pct.	Pct. 1.9
Texas.....	2.5	12.0	34.4	41.5	9.0	0.6	....
Alabama.....	2.0	18.5	54.5	18.5	6.5	....	....
N. Carolina.....	4.2	55.8	33.3	5.0	1.7	....	....
S. Carolina.....	1.2	94.4	4.4	....	....	....	....
Georgia.....	14.3	57.0	27.3	1.4	....	....	....
California.....	4.0	23.5	34.5	29.5	6.0	....	....
Oklahoma.....	....	....	27.5	41.2	31.3	....	....
Virginia.....	....	....	15.6	74.4	10.0	....	....

The statement accounts for nearly all the watermelons, there being few marketed before April and none after October.

In the year 1694 a ship captain, seeking shelter in the harbor of Charleston, S. C., presented Thomas Smith, Governor of the province, with a sack of rice. From this the rice industry of the present was established.

APPLES, PEACHES, PEARS, 1918.

The fruit crop of the United States very largely centers on these three items, in which the production in bushels is shown by states.

State.	Apples, Bushels.	Peaches, Bushels.	Pears, Bushels.
ALA.....	1,553,000	3,142,000	142,000
ARIZ.....	184,000	58,000	20,000
ARK.....	1,812,000	260,000	60,000
CALIF.....	5,237,000	12,786,000	1,890,000
COLO.....	2,046,000	754,000	206,000
CONN.....	1,347,000	15,000	38,000
DEL.....	492,000	294,000	236,000
FLA.....	....	264,000	132,000
GA.....	1,889,000	6,746,000	180,000
IDAHO.....	1,665,000	80,000	63,000
ILL.....	3,822,000	78,000	281,000
IND.....	3,136,000	92,000	246,000
IOWA.....	2,881,000	....	42,000
KAS.....	3,105,000	....	38,000
KY.....	4,830,000	110,000	171,000
LA.....	....	615,000	49,000
MAINE.....	3,010,000	....	14,000
MD.....	2,365,000	600,000	462,000
MASS.....	2,861,000	9,000	72,000
MICH.....	13,564,000	248,000	650,000
MINN.....	1,221,000	....	....
MISS.....	518,000	1,386,000	131,000
MO.....	8,036,000	....	131,000
MONT.....	790,000	....	5,000
NEB.....	758,000	....	6,000
NEV.....	141,000	15,000	16,000
N. H.....	1,144,000	792,000	14,000
N. J.....	2,460,000	709,000	649,000
N. M.....	1,000,000	85,000	57,000
N. Y.....	42,160,000	1,167,000	1,269,000
N. C.....	5,460,000	1,035,000	115,000
N. D.....	....	....	....
OHIO.....	7,983,000	348,000	307,000
OKLA.....	693,000	303,000	32,000
OREGON.....	3,684,000	118,000	662,000
PENN.....	17,188,000	1,210,000	481,000
R. I.....	208,000	2,000	9,000
S. C.....	764,000	1,064,000	90,000
S. D.....	594,000	....	....
TENN.....	4,710,000	840,000	112,000
TEXAS.....	270,000	2,041,000	250,000
UTAH.....	792,000	1,080,000	53,000
VT.....	1,400,000	....	10,000
VA.....	11,702,000	578,000	146,000
WASH.....	16,657,000	1,130,000	603,000
W. VA.....	9,403,000	850,000	38,000
WIS.....	2,854,000	....	21,000
WYO.....	....	....	....
U. S.....	198,389,000	40,185,000	10,189,000

HOG MARKET RECEIPTS.

The following tabulation shows the combined receipts of hogs monthly, since January, 1913, at twelve important interior markets (Chicago, Cincinnati, Denver, Fort Worth, Indianapolis, Kansas City, Omaha, Portland, Oregon, St. Joseph, St. Louis, St. Paul and Sioux City):

Months.	1913.	1914.	1915.
January.....	2,482,000	2,309,000	2,796,000
February.....	1,938,000	2,003,000	2,610,000
March.....	1,705,000	1,810,000	2,409,000
April.....	1,714,000	1,568,000	1,749,000
May.....	2,015,000	1,732,000	2,019,000
June.....	2,120,000	1,972,000	2,120,000
Six Months, Jan. to June.....	11,974,000	11,394,000	13,703,000
July.....	1,810,000	1,582,000	1,762,000
August.....	1,677,000	1,325,000	1,477,000
September.....	1,634,000	1,343,000	1,311,000
October.....	1,863,000	1,796,000	1,529,000
November.....	2,099,000	2,128,000	2,454,000
December.....	2,600,000	2,733,000	3,520,000
Year's Total.....	23,666,000	22,301,000	25,757,000
Months.	1916.	1917.	1918.
January.....	3,835,000	3,634,000	2,968,000
February.....	3,165,000	2,779,000	3,134,000
March.....	2,518,000	2,313,000	3,183,000
April.....	1,960,000	2,035,000	2,674,000
May.....	2,360,000	2,263,000	2,366,000
June.....	2,207,000	2,016,000	2,106,000
Six Months, Jan. to June.....	16,045,000	15,040,000	16,427,000
July.....	1,860,000	1,930,000	2,270,000
August.....	1,962,000	1,357,000	....
September.....	1,579,000	1,042,000	....
October.....	2,397,000	1,683,000	....
November.....	3,457,000	2,506,000	....
December.....	3,640,000	2,614,000	....
Year's Total.....	30,939,000	26,171,000	....

State Live Stock Valuations No. 1.

The United States Department of Agriculture has issued a statement dated basis of January, 1918, which intends to show the value of the cattle, hogs and sheep separated from the horses and mules. These two columns added together make the total value of live stock in each state, which is shown in another table. Thus, cattle, hogs and sheep value, \$5,394,000,000, and horses and mules value, \$2,870,000,000, make an aggregate of \$8,264,000,000.

State.	Cattle, Hogs and Sheep.	Horses and Mules.
ALA.....	\$ 66,000,000	\$ 58,000,000
ARIZ.....	67,000,000	11,000,000
ARK.....	63,000,000	60,000,000
CALIF.....	163,000,000	53,000,000
COLO.....	118,000,000	42,000,000
CONN.....	150,000,000	7,000,000
DEL.....	5,000,000	4,000,000
FLA.....	42,000,000	14,000,000
GA.....	80,000,000	79,000,000
IDAHO.....	79,000,000	26,000,000
ILL.....	276,000,000	169,000,000
IND.....	181,000,000	99,000,000
IOWA.....	514,000,000	172,000,000
KAS.....	246,000,000	152,000,000
KY.....	88,000,000	72,000,000
LA.....	52,000,000	40,000,000
MAINE.....	21,000,000	18,000,000
MD.....	26,000,000	21,000,000
MASS.....	20,000,000	9,000,000
MICH.....	143,000,000	81,000,000
MINN.....	201,000,000	100,000,000
MISS.....	68,000,000	63,000,000
MO.....	254,000,000	142,000,000
MONT.....	113,000,000	50,000,000
NEB.....	300,000,000	119,000,000
NEV.....	50,000,000	6,000,000
N. H.....	13,000,000	7,000,000
N. J.....	22,000,000	14,000,000
N. M.....	88,000,000	19,000,000
N. Y.....	199,000,000	87,000,000
N. C.....	51,000,000	61,000,000
N. D.....	70,000,000	87,000,000
OHIO.....	225,000,000	102,000,000
OKLA.....	123,000,000	101,000,000
OREGON.....	76,000,000	31,000,000
PENN.....	138,000,000	81,000,000
R. I.....	3,000,000	1,000,000
S. C.....	32,000,000	48,000,000
S. D.....	157,000,000	79,000,000
TENN.....	67,000,000	74,000,000
TEXAS.....	285,000,000	180,000,000
UTAH.....	61,000,000	13,000,000
VT.....	23,000,000	13,000,000
VA.....	63,000,000	46,000,000
WASH.....	42,000,000	36,000,000
W. VA.....	47,000,000	22,000,000
WIS.....	233,000,000	83,000,000
WYO.....	115,000,000	18,000,000
U. S.....	\$5,394,000,000	\$2,870,000,000

Harvesting of Potatoes.

The United States Bureau of Crop Estimates of the Department of Agriculture has ascertained when white (Irish) potatoes are harvested, and the amount and quantity harvested in each month, as follows:

Month.	1915.		1916.	
	Per Cent.	Bushels.	Per Cent.	Bushels.
JAN.....	.....	10,000	.....	11,000
FEB.....	.....	35,000	.....	45,000
MARCH.....	.....	117,000	.....	131,000
APRIL.....	0.2	681,000	0.2	730,000
MAY.....	1.0	3,601,000	1.2	3,400,000
JUNE.....	3.2	11,636,000	3.5	9,032,000
JULY.....	7.9	28,400,000	7.9	22,722,000
AUG.....	13.1	46,874,000	12.9	38,351,000
SEPT.....	29.7	106,716,000	29.5	85,166,000
OCT.....	41.8	150,200,000	41.4	119,747,000
NOV.....	2.9	10,665,000	3.3	9,434,000
DEC.....	.....	175,000	.1	195,000
Total..	100.0	359,103,000	100.0	288,964,000

State Live Stock Valuations No. 2.

This tabulated statement by the United States Department of Agriculture gives the total value of all live stock, state by state, for the years 1917 and 1918. In addition there is also the rank of each state in live stock ownership from Iowa, which is first, to Rhode Island, which is forty-eighth. These are aggregate figures, meaning a combined total value of \$8,260,000,000 in live stock on farms of the United States.

State.	1917.	1918. Rank.
ALA.....	\$ 87,000,000	\$124,000,000 25
ARIZ.....	61,000,000	78,000,000 35
ARK.....	95,000,000	123,000,000 26
CALIF.....	183,000,000	216,000,000 16
COLO.....	128,000,000	160,000,000 19
CONN.....	19,000,000	22,000,000 45
DEL.....	8,000,000	9,000,000 47
FLA.....	41,000,000	56,000,000 38
GA.....	119,000,000	159,000,000 20
IDAHO.....	80,000,000	105,000,000 31
ILL.....	365,000,000	445,000,000 3
IND.....	226,000,000	280,111,000 11
IOWA.....	535,000,000	686,000,000 1
KAS.....	328,000,000	398,000,000 5
KY.....	127,000,000	160,000,000 18
LA.....	72,000,000	92,000,000 32
MAINE.....	31,000,000	39,000,000 42
MD.....	41,000,000	47,000,000 40
MASS.....	25,000,000	29,000,000 44
MICH.....	189,000,000	224,000,000 13
MINN.....	248,000,000	301,000,000 9
MISS.....	94,000,000	131,000,000 24
MO.....	303,000,000	396,000,000 6
MONT.....	137,000,000	163,000,000 17
NEB.....	328,000,000	419,000,000 4
NEV.....	39,000,000	56,000,000 39
N. H.....	16,000,000	20,000,000 46
N. J.....	31,000,000	36,000,000 43
N. M.....	39,000,000	107,000,000 29
N. Y.....	234,000,000	286,000,000 10
N. C.....	88,000,000	112,000,000 27
N. D.....	150,000,000	157,000,000 21
OHIO.....	263,000,000	327,000,000 8
OKLA.....	188,000,000	224,000,000 14
OREGON.....	88,000,000	107,000,000 30
PENN.....	186,000,000	219,000,000 15
R. I.....	3,000,000	4,000,000 48
S. C.....	60,000,000	80,000,000 33
S. D.....	190,000,000	236,000,000 12
TENN.....	114,000,000	141,000,000 22
TEXAS.....	459,000,000	465,000,000 2
UTAH.....	49,000,000	74,000,000 36
VT.....	36,000,000	46,000,000 41
VA.....	91,000,000	109,000,000 28
WASH.....	63,000,000	78,000,000 34
W. VA.....	58,000,000	69,000,000 37
WIS.....	274,000,000	316,000,000 7
WYO.....	96,000,000	..... 8
U. S.....	\$6,735,000,000	\$8,264,000,000 ..

GROWING OF CELERY.

Celery growing on a commercial scale is not confined to five states, but it is only in five states that the crop is considered of sufficient dimensions to be subject of Agricultural Department crop reports. In the last census year 4,005 farms in all the different states reported growing celery on 15,863 acres, and producing crops to the value of \$3,922,848, which amounts to nearly \$250 per acre. The acreage was 13,213 in 1915 in six states, and in those same states in 1916 the acreage was only 11,588, a decrease, one year with another, of 1,625 acres.

State.	1915.		1916.	
	Acres.	Acres.	In-crease, Acres.	De-crease, Acres.
COLORADO.....	400	400	.....	.....
MICHIGAN.....	3,118	3,134	16	.....
NEW YORK.....	5,900	4,404	.....	1,496
OHIO.....	1,058	1,097	39	.....
PENNSYLVANIA.	2,737	2,553	.....	184
Total.....	13,213	11,588	.....	1,625

State Crop Valuations.

We have here the state quotations of all crops. It also gives a number showing the relative rank of each state. The table is for two years, 1916 and 1917. There is considerable difference one year with another in regard to state valuations. Thus, for instance, Texas was first in 1916 and second in 1917; Illinois was third in 1916 and first in 1917; Missouri was fourteenth in 1916 and fifth in 1917; Kansas was sixth in 1916 and 14th in 1917.

State.	Rank.	1916.		Rank.	1917.	
		Value of Crops.			Value of Crops.	
ALA.	27	\$ 165,487,000	25	\$	291,563,000	
ARIZ.	45	18,626,000	45		27,068,000	
ARK.	16	248,463,000	20		359,538,000	
CALIF.	13	267,638,000	10		432,285,000	
COLO.	30	106,453,000	28		164,890,000	
CONN.	40	42,911,000	39		57,814,000	
DEL.	46	17,847,000	44		27,707,000	
FLA.	37	61,888,000	33		104,771,000	
G.A.	5	358,023,000	6		542,733,000	
IDA.	36	74,243,000	36		94,890,000	
ILL.	3	477,263,000	1		842,042,000	
IND.	9	285,384,000	8		503,154,000	
IOWA.	2	516,490,000	3		783,488,000	
KAS.	6	315,678,000	14		399,844,000	
KY.	19	221,311,000	16		375,710,000	
LA.	25	186,494,000	24		313,352,000	
ME.	32	88,938,000	37		71,425,000	
MD.	34	86,093,000	31		123,879,000	
MASS.	38	51,853,000	38		69,106,000	
MICH.	17	237,157,000	18		356,265,000	
MINN.	12	268,775,000	9		480,230,000	
MISS.	23	197,852,000	19		359,596,000	
MO.	14	261,269,000	5		516,036,000	
MONT.	29	121,055,000	35		103,845,000	
NEB.	4	389,025,000	7		522,186,000	
NEV.	47	17,148,000	47		25,655,000	
N. H.	43	26,714,000	46		25,748,000	
N. J.	35	79,781,000	34		103,895,000	
N. M.	44	22,670,000	43		38,470,000	
N. Y.	8	294,476,000	12		417,798,000	
N. C.	11	272,076,000	11		417,846,000	
N. D.	26	169,660,000	27		220,290,000	
OHIO.	10	284,323,000	4		546,058,000	
OKLA.	18	236,832,000	23		329,579,000	
ORE.	31	105,500,000	32		108,632,000	
PENN.	7	299,448,000	13		412,394,000	
R. I.	48	5,556,000	48		8,352,000	
S. C.	22	199,532,000	15		389,887,000	
S. D.	24	189,257,000	18		366,582,000	
TENN.	21	213,701,000	26		290,819,000	
TEXAS.	1	695,365,000	2		788,983,000	
UTAH.	39	43,436,000	41		49,627,000	
VT.	41	42,782,000	42		45,950,000	
VA.	20	215,079,000	22		344,159,000	
WASH.	28	127,502,000	29		144,422,000	
W. VA.	33	87,428,000	30		132,281,000	
WIS.	15	254,599,000	17		367,095,000	
WYO.	42	36,811,000	40		52,829,000	
Total.		\$8,985,870,000			\$13,580,768,000	

Velvet Beans, 1917.

Velvet beans are planted for the beans, and in addition 49 per cent. of the acreage is grazed or hogged off and 8 per cent. plowed under for soil improvement. We show the total acreage, the acreage harvested for the beans and the production of beans in bushels.

State.	Acreage Planted.	Cut For Grain, Acres.	Production, Bushels.
ALA.	1,800,000	1,080,000	8,140,000
ARK.	18,000	4,000	
FLA.	508,000	250,000	2,250,000
GA.	1,300,000	403,000	3,224,000
MISS.	705,000	176,000	1,760,000
N. C.	168,000	5,000	75,000
S. C.	188,000	28,000	350,000
Total.	4,619,000	1,946,000	15,790,000

Production of Strawberries.

Herewith for two years we give the United States Agricultural Department estimate of acreage and production of strawberries, also by states the estimated production in twenty-four quart crates. The decrease this year is pretty general, especially on the Atlantic Coast. Increased production is reported in Kentucky and Missouri.

State.	Acreage to be Picked, Acres.	Conditioned, May 15, 1918.		Indicated Yield, May 15, 1918, Per Ct. Quarts.	Forecast of Production, Crates.
		May 15, 1918.	May 15, 1918.		
ARK.	11,020	49	980	449,983	
ALA.	2,240	86	1,720	160,533	
CALIF.	3,800	82	1,968	311,600	
DEL.	5,000	78	2,184	455,000	
FLA.	1,450	78	1,560	94,250	
KY.	3,230	82	2,952	397,290	
LA.	12,770	40	800	425,666	
MD.	8,120	78	2,184	738,920	
MISS.	970	71	1,420	57,392	
MO.	3,470	66	1,584	229,020	
N. J.	3,440	86	2,064	295,840	
N. C.	2,860	85	2,210	263,358	
S. C.	850	100	2,500	88,542	
TENN.	12,630	64	1,280	673,000	
TEXAS.	1,130	75	1,800	84,750	
VA.	3,520	77	2,156	316,213	
Total, 1918.	76,500	...	1,582	5,041,957	
Total, 1917.	96,690	...	1,718	6,920,369	

Production of Cowpeas, 1917.

Cowpea cultivation is a Southern industry, reaching North to moderate climates. Cowpeas are grown for grain, for hay, to be placed in silos, grazed or hogged off, or plowed under to enrich the soil. Cowpeas are also planted with other crops and represent a by-product. The figures given include total acreage, grain harvested and hay yield.

State.	Acreage Planted.	Grain Yield, Bushels.	Hay Yield, Tons.
ALA.	1,057,000	3,012,000	314,000
ARK.	324,000	648,000	390,000
FLA.	360,000	320,000	
GA.	771,000	770,000	124,000
ILL.	75,000		
IND.	53,000		
KY.	163,000	300,000	183,000
LA.	580,000	1,773,000	
MD.	11,000		
MISS.	1,300,000		
MO.	50,000	375,000	10,000
N. C.	230,000	540,000	74,000
N. J.	3,000		
OHIO.	3,000	2,000	
OKLA.	45,000	108,000	
PENN.	5,000		
S. C.	750,000	672,000	366,000
TENN.	190,000	200,000	248,000
TEXAS.	517,000		
VA.	300,000		
W. VA.	10,000	3,000	15,000
Total.	6,797,900	8,723,000	1,724,000

In 1688 St. Marys, the oldest settlement in Michigan, was established by the Jesuit Missionaries.

In the year 1683 Wm. Penn wrote concerning his Pennsylvania colony, saying: "Plenty of cow cattle and some sheep."

William Penn established the first settlement in what is called Pennsylvania in the year 1682.

Sheep raising in Pennsylvania dates from about the year 1683.

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AMERICAN BUTTER AND CHEESE COMPANY, Commission Salesmen, 31 Griswold St., DETROIT, MICH.

ARMOUR & CO., Meat Packers, Union Stock Yards, CHICAGO, ILL.

BARTLETT, A. J., Commission—Butter, Cheese, Eggs and Poultry, 7 and 8 North Market St., BOSTON, MASS.

BENNETT, JAMES E., & CO., Soliciting Grains, Stocks and Provisions on Consignment, 332 LaSalle St., CHICAGO, ILL.

BIGGS—E. W. BIGGS & CO., Furs and Wool, 522 Biggs Bldg., KANSAS CITY, MO.

BIRMINGHAM PACKING COMPANY, Pioneer Meat Packers, BIRMINGHAM, ALA.

BOURBON STOCK YARDS, Established 1858, Market of the South, LOUISVILLE, KY.

BOWLES LIVE STOCK COMMISSION CO., Union Stock Yards, CHICAGO, ILL.

BRINKMAN, WOOD & BECK, Live Stock Commission, Union Stock Yards, PITTSBURGH, PA.

CAMPBELL & REID AND WESTERN SALE STABLES COMPANY, Receivers and Salesmen on Commission, Horses and Mules, NATIONAL STOCK YARDS, ILL.

CAMPBELL-ROSSON & BELDEN, Live Stock Commission, FORT WORTH, TEXAS.

CASSIDY SOUTHWESTERN COMMISSION COMPANY, St. Louis Market Headquarters, NATIONAL STOCK YARDS, ILL.

CHICAGO CATTLE LOAN COMPANY, M. A. Traylor, President, Union Stock Yards, CHICAGO, ILL.

CLEVELAND PROVISION COMPANY, Tankage For Hogs, CLEVELAND, OHIO.

DEAN—B. A. DEAN & SON, Dealers in Alfalfa, Hay and Grain, AUBURN, N. Y.

DALTON MEEKS CO., THE, Live Stock Commission Merchants, EAST BUFFALO, N. Y.

DORMAN, BENJAMIN, Buyer of Ginseng, 147 West 34th St., NEW YORK, N. Y.

EDISON & HOPKINS, Live Stock Commission, Union Stock Yards, BALTIMORE, MD.

EVANS-SNIDER-BUEL LIVE STOCK COMMISSION COMPANY, Main Office Union Stock Yards, CHICAGO, ILL.

ELLSWORTH & McNAIR, Commission Salesmen of All Kinds of Horses, Union Stock Yards, CHICAGO, ILL.

FARMERS' COMMISSION HOUSE, Poultry, Eggs, Etc., 27 Harrison St., NEW YORK, N. Y.

FORT WORTH STOCK YARD COMPANY, Good Home Market, FORT WORTH, TEXAS.

FUNSTEN BROS. & CO., 118 Fur Exchange, ST. LOUIS, MO.

FERGURSONSON BROS., Shippers of Bermuda Onions, PEARSALL, TEXAS.

FORGY, WM., Horse and Mule Salesman, Auction Wednesdays, U. S. Barn, DENVER, COLO.

GILLEN, HEIMAN & HARPER, Wholesale and Retail Dealers in Mules, NATIONAL STOCK YARDS (E. ST. LOUIS) ILL.

HOLBERT HORSE IMPORTING COMPANY, Draft Horses, GREELEY, IA.

GOODRIDGE, MATTINGLY & CO., Live Stock Commission, Bourbon Stock Yards, LOUISVILLE, KY.

HARRISON PRODUCE COMPANY, Early Vegetable Shipper, SAN BENITO, TEXAS.

HARPOLE, GEORGE, Packer and Shipper Louisiana Strawberries, INDEPENDENCE, LA.

HIBBARD-STEWART COMPANY, INC., Wool, Pelts, Furs, Etc., SEATTLE, WASH.

HILL BROS. FUR CO., Buyers of Furs, 357 Hill Bldg., ST. LOUIS, MO.

HOLLAND & MAXWELL COMMISSION COMPANY, Commission Salesmen, Horses and Mules, at St. Louis, Greatest Market in the World, P. O. NATIONAL STOCK YARDS, ILL.

HOLLIS & PLATT HORSE COMPANY, Horses and Mules Bought and Sold, Union Stock Yards, DENVER, COLO.

HORKHEIMER BROS., Wool Commission Agents, WHEELING, W. VA.

HOWELL BELL AUCTION COMPANY, Horses and Mules, 1046 East Main St., LOUISVILLE, KY.

ILLINOIS HORSE CO., Coach and Draft Horses, Good Block, DES MOINES, IA.

KINGAN & CO., LTD., In Market For Live Hogs, RICHMOND, VA.

McCAFFEYREYS, SONS, DANIEL, Hay Commission, 625 Wabash Bldg., PITTSBURGH, PA.

McCULLOUGH & TUMBACH, Wool and Furs, 105 North Main St., ST. LOUIS, MO.

MUSTON (C. J.) WOOL COMMISSION COMPANY, 16th and Liberty sts., KANSAS CITY, MO.

NATIONAL COLD STORAGE CO., INC., 100 Hudson St., NEW YORK, N. Y.

NEWGASS—L. M. NEWGASS COMPANY, Commission Salesmen of Horse and Mules, Union Stock Yards, CHICAGO, ILL.

NORTH AMERICAN FRUIT EXCHANGE, Onions and Potatoes, LAREDO, TEXAS.

OLD VIRGINIA HIDE AND WOOL CO., INC., Wool, Hides, Skins, Etc., RICHMOND, VA.

OMAHA HORSE AND MULE COMPANY, Commission Salesmen, Stock Yards, OMAHA, NEB.

OTIS—B. W. OTIS & CO., Commission—Dressed Poultry, West Washington Market, NEW YORK, N. Y.

PACIFIC HIDE AND FUR DEPOT, Joseph Thiebes and C. T. Symmes, Railroad Ave., SPOKANE, WASH.

PITTSBURGH UNION STOCK YARDS, James S. McFadyen, General Manager, PITTSBURGH, PA.

PURITAN FRUIT COMPANY, Fruit Salesmen, 12 South Market St., BOSTON, MASS.

PURSE BROS., Distributors of Fruits and Vegetables, DETROIT, MICH.

REEVES—R. R. REEVES & CO., Exclusive Order Buyers, Union Stock Yards, PITTSBURGH, PA.

RYAN-ROBINSON COMMISSION COMPANY, Cattle, Hogs and Sheep, Stock Yards, KANSAS CITY, MO.

SHANNON & FARRELL, Live Stock Commission, Union Stock Yards, PITTSBURGH, PA.

SIGEL-CAMPION LIVE STOCK COMMISSION COMPANY, Union Stock Yards, DENVER, COLO.

SHUBERT, A. B., INC., Hides and Furs, 25 West Austin Ave., CHICAGO, ILL.

SMITH, J. L., Southern Alabama Vegetables, Car Lots, MOBILE, ALA.
STANDARD GROWERS' EXCHANGE (H. C. Schrader Company), Fruits and Vegetables, ORLANDO, FLA.
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WILLIAMSON & DENNIS, Live Stock Commission, Interstate Stock Yards, JACKSONVILLE, FLA.

WOODSON-CRAIG COMPANY, INC., Commission, Eggs, Butter, Etc., RICHMOND, VA.

ZOOK & ZOOK, Live Stock Commission, Stock Yards, KANSAS CITY, MO.

The Beekeepers and Colonies.

It is not often the colonies of bees are counted, but they are each census year. We present herewith tabulated comparison, showing the number of farms reporting the ownership of bees in each state and the number of colonies in the years 1900 to 1910. Unfortunately, the census people took the count in 1900 on June 1st and the next census the date was changed to April 15th. There appears to have been a decrease of beekeeping in ten years, from 1900 to 1910, but that is very likely not the case. We take official figures for what they are worth.

State.	Farms Reporting, June 1, 1900.	Colonies of Bees, June 1, 1900.	Farms Reporting, April 15, 1910.	Colonies of Bees, April 15, 1910.
ALA.....	32,100	205,369	23,911	135,140
ARIZ.....	489	18,991	441	23,770
ARK.....	22,182	111,318	19,692	92,731
CALIF....	6,915	129,444	6,870	201,023
COLO.....	4,518	59,756	3,563	71,434
CONN.....	2,252	11,438	1,798	9,445
DEL.....	1,684	10,187	1,119	6,410
D. COL....	7	59	13	151
FLA.....	4,521	39,753	4,345	38,895
GA.....	32,246	187,919	23,167	130,549
IDAHO....	2,387	19,240	2,368	21,903
ILL.....	34,932	179,953	29,741	155,846
IND.....	28,632	117,148	19,437	80,938
IOWA....	28,977	138,811	28,935	160,025
KAS.....	18,295	88,504	16,869	73,737

KY.....	44,974	203,820	35,603	152,991
LA.....	6,148	35,231	4,928	29,591
ME.....	2,496	10,857	1,371	7,592
MD.....	5,093	28,013	4,186	23,156
MASS....	1,799	8,381	1,597	7,464
MICH....	18,122	100,397	16,892	115,274
MINN....	6,078	45,877	9,522	56,677
MISS....	17,900	95,257	16,028	74,100
MO.....	41,145	205,110	40,110	203,569
MONT....	234	1,801	795	6,313
NEB.....	12,130	52,143	12,538	45,625
NEV.....	278	5,692	176	8,401
N. H....	1,228	5,520	1,002	4,644
N. J....	2,327	14,118	1,627	10,484
N. M....	410	6,164	418	10,052
N. Y....	22,738	187,208	15,259	156,360
N. C....	41,051	244,539	36,248	189,178
N. D....	30	279	79	495
OHIO....	34,458	151,391	23,203	98,242
OKLA....	3,438	20,137	4,816	19,413
ORE.....	8,895	55,585	8,861	47,285
PENN....	28,962	161,670	22,297	124,815
R. I....	370	1,681	285	1,267
S. C....	16,272	93,958	12,528	75,422
S. D....	387	2,063	1,355	6,565
TENN....	38,225	225,788	27,706	144,481
TEXAS..	60,043	392,644	37,881	238,177
UTAH....	3,707	33,818	1,873	26,885
VT.....	1,678	12,836	1,124	10,215
VA.....	25,744	139,064	22,437	104,005
WASH....	4,435	30,870	5,886	33,884
W. VA..	25,240	111,417	24,035	110,673
WIS....	10,535	106,000	10,391	95,633
WYO....	153	1,020	579	4,596

Total 707,215 4,108,239 585,955 3,445,008

Honey and Wax.

In the year 1899 the production of honey was 61,099,290 pounds, production of wax 1,763,595 pounds, the total value of the same being \$6,656,611. In 1909 the production was as follows:

State.	Honey, Pounds.	Wax, Pounds.	Value, Honey.	Value, Wax.
ALA...	891,954	50,043	\$8,088	\$11,889
ARIZ...	1,025,282	15,012	53,298	3,905
ARK...	913,515	20,403	107,846	5,122
CALIF..	10,264,715	126,445	631,529	33,838
COLO...	2,306,492	33,682	225,832	8,502
CONN...	145,722	1,006	25,538	355
DEL...	62,777	2,756	7,770	463
D. C....	3,657	.....	477	.....
FLA....	747,832	18,635	56,050	4,856
GA.....	884,662	23,434	96,114	5,774
IDAHO...	1,011,068	8,018	86,251	2,131
ILL....	1,428,640	26,240	194,625	6,138
IND....	687,097	15,115	102,490	3,226
IOWA...	2,374,080	44,266	275,418	10,011
KAS....	609,785	4,332	83,243	1,194
KY.....	1,558,670	17,307	197,720	4,522
LA.....	340,134	12,284	30,915	2,990
ME.....	112,051	2,260	20,016	670
MD.....	306,367	4,358	38,164	1,080
MASS...	96,802	1,019	18,806	370
MICH...	2,507,810	28,524	289,137	7,605
MINN...	976,262	16,880	120,560	4,057
MISS...	529,012	15,155	60,972	3,890
MO.....	2,058,815	23,784	267,998	6,776
MONT...	163,510	394	21,802	133
NEB....	527,868	3,336	72,463	935
NEV....	354,905	7,766	34,920	2,082
N. H....	65,038	792	13,363	260
N. J....	152,072	1,372	22,484	433
N. M....	439,528	5,345	38,113	1,526
N. Y....	3,191,733	43,198	376,608	13,034
N. C....	1,809,127	76,400	211,607	18,979
N. D....	11,084	92	1,840	29
OHIO...	1,001,179	7,454	131,710	2,181
OKLA...	140,234	1,088	23,783	313
ORE....	839,981	8,383	92,476	2,034
PENN...	1,840,360	21,823	256,428	6,376
R. I....	14,221	185	2,904	55
S. C....	653,119	12,440	75,941	2,995
S. D....	139,714	943	20,165	278
TENN...	1,468,123	28,864	175,791	7,271
TEX....	3,093,097	58,402	308,488	14,310
UTAH...	1,138,091	16,667	75,892	3,871
VT.....	160,282	2,899	25,351	815
VA.....	1,344,360	23,883	167,971	5,956
WASH...	503,580	4,038	65,196	1,195
W. VA..	1,550,739	11,090	228,843	2,787
WIS....	2,163,819	55,402	223,606	12,117
WYO....	138,924	1,563	16,248	477

Total. 54,814,890 904,867 \$5,762,869 \$229,214

WOOL PRODUCTION.

The statement shows the production of wool in the United States in the years 1917 and 1918 as estimated by the United States Department of Agriculture:

State.	Production, 1917. Pounds.	Production, 1918. Pounds.
ALABAMA.....	350,000	368,000
ARKANSAS.....	350,000	402,000
ARIZONA.....	5,831,000	5,656,000
CALIFORNIA.....	12,180,000	12,545,000
COLORADO.....	8,820,000	9,261,000
CONNECTICUT.....	75,000	76,000
FLORIDA.....	355,000	426,000
GEORGIA.....	455,000	478,000
DELAWARE.....	31,000	31,000
IDAHO.....	17,500,000	10,500,000
INDIANA.....	4,332,000	4,765,000
ILLINOIS.....	3,855,000	4,048,000
IOWA.....	4,500,000	4,815,000
KANSAS.....	1,450,000	1,624,000
KENTUCKY.....	2,969,000	3,058,000
LOUISIANA.....	560,000	594,000
MAINE.....	835,000	833,000
MARYLAND.....	758,000	773,000
MASSACHUSETTS.....	119,000	119,000
MICHIGAN.....	8,192,000	8,765,000
MINNESOTA.....	2,964,000	3,112,000
MISSISSIPPI.....	491,000	619,000
MISSOURI.....	4,810,000	5,532,000
MONTANA.....	23,342,000	25,842,000
NEBRASKA.....	1,600,000	1,696,000
NEVADA.....	9,000,000	10,000,000
NEW HAMPSHIRE.....	183,000	192,000
NEW JERSEY.....	80,000	88,000
NEW MEXICO.....	18,422,000	17,132,000
NEW YORK.....	3,514,000	3,830,000
NORTH CAROLINA.....	553,000	570,000
NORTH DAKOTA.....	1,418,000	1,560,000
OHIO.....	12,000,000	12,600,000
OKLAHOMA.....	450,000	518,000
OREGON.....	12,000,000	12,500,000
SOUTH DAKOTA.....	3,738,000	4,747,000
SOUTH CAROLINA.....	95,000	103,000
TENNESSEE.....	1,776,000	1,954,000
PENNSYLVANIA.....	4,225,000	4,774,000
RHODE ISLAND.....	24,000	24,000
TEXAS.....	10,045,000	11,250,000
UTAH.....	14,800,000	15,800,000
VERMONT.....	597,000	663,000
VIRGINIA.....	1,862,000	1,918,000
WASHINGTON.....	4,813,000	5,504,000
WEST VIRGINIA.....	2,695,000	2,830,000
WISCONSIN.....	2,500,000	2,850,000
WYOMING.....	30,380,000	34,026,000
UNITED STATES....	241,892,000	257,921,000

WOOL PRODUCTION, YEAR BY YEAR.

The following statement represents the United States Department of Agriculture estimate of the wool production of the United States, year by year, since the year 1894, the year of the largest production being 1909, and the smallest in 1898.

Year.	Pounds.	Year.	Pounds.
1894.....	298,057,384	1906.....	298,915,130
1895.....	309,748,000	1907.....	298,294,750
1896.....	272,474,708	1908.....	311,138,321
1897.....	259,153,251	1909.....	328,110,749
1898.....	266,720,684	1910.....	321,362,750
1899.....	272,191,330	1911.....	318,547,900
1900.....	288,636,621	1912.....	304,043,400
1901.....	302,502,328	1913.....	296,175,300
1902.....	316,341,032	1914.....	290,192,000
1903.....	287,450,000	1915.....	285,726,000
1904.....	291,783,032	1916.....	288,490,000
1905.....	295,488,438	1917.....	241,892,000

In the year 1720 a Galloway horse was foaled at a village near Haddington, in Scotland, which lived to be sixty-nine years old. Wilkes' Spirit of the Times, authority for this statement, mentioned him in later years as being eleven hands high, and that he trotted cleverly right up to a few weeks of his death.

In the year 1719 an hundred families from Ireland having settled at Londonderry, N. H., they introduced the foot spinning wheel, the manufacture of linen and the culture of potatoes.

In the year 1690 the mango was introduced into hothouse cultivation in England from the East Indies,

IMPORTS AND EXPORTS OF LIVE STOCK.

The following interesting statement from official records is an exhibit of imports and exports of domestic animals. The memorandum goes back nine years. We have imported many sheep and cattle from Mexico, and have exported comparatively large numbers of horses and mules to Europe:

LIVE STOCK IMPORTS.

Year.	Cattle.	Sheep.	Horses.	Mules.
1909.....	153,902	127,019	9,580	.....
1910.....	211,250	56,201	10,714	.....
1911.....	25,413	23,063	8,469	.....
1912.....	325,717	15,342	8,333	.....
1913.....	328,717	15,342	8,333	.....
1914.....	736,937	115,688	18,617	.....
1915.....	727,891	199,825	25,764	.....
1916.....	552,489	276,521	18,693	.....
1917.....	295,647	125,722	12,371	.....
1918.....	347,510	202,861	10,002	.....

LIVE STOCK EXPORTS.

Year.	Cattle.	Sheep.	Horses.	Mules.
1909.....	184,957	54,613	23,428	4,162
1910.....	109,629	52,638	29,359	6,458
1911.....	164,087	177,069	30,291	4,920
1912.....	46,463	191,963	29,239	4,490
1913.....	26,236	170,411	29,356	5,075
1914.....	8,694	78,227	92,923	13,761
1915.....	16,252	40,501	443,014	122,000
1916.....	12,179	55,089	287,413	134,461
1917.....	20,009	30,300	170,322	72,590

HORSES AND MULES EXPORTED.

Two tabulations show the number of horses and mules exported from the United States, month by month, during the years 1914, 1915, 1916 and 1917. These tables are made up from the Summaries of Foreign Commerce of the United States, issued by the Department of Commerce:

HORSES.

Year.	1914. Number.	1915. Number.	1916. Number.	1917. Number.
JAN....	1,104	34,643	21,593	30,171
FEB....	1,324	36,960	22,543	14,523
MARCH	3,071	33,694	23,567	18,905
APRIL..	5,161	30,736	16,487	16,943
MAY....	1,301	33,498	18,654	16,437
JUNE....	1,236	40,083	21,300	18,435
JULY....	927	47,380	24,715	7,657
AUG....	804	43,593	29,878	11,047
SEPT....	7,146	44,345	31,558	9,411
OCT....	12,091	16,127	29,590	10,008
NOV....	28,071	25,630	18,044	4,127
DEC....	30,687	26,325	29,475	12,658

Total. 92,923 443,014 287,413 170,322

MULES.

Year.	1914. Number.	1915. Number.	1916. Number.	1917. Number.
JAN....	434	6,909	7,246	10,812
FEB....	625	6,638	11,597	12,906
MARCH	569	6,433	7,232	14,186
APRIL..	630	12,253	5,302	4,006
MAY....	273	13,643	9,233	5,547
JUNE....	244	12,916	9,091	4,472
JULY....	211	15,031	7,456	2,320
AUG....	108	12,925	16,629	2,392
SEPT....	181	10,094	17,239	5,361
OCT....	195	9,596	15,390	4,444
NOV....	1,035	3,943	15,997	1,218
DEC....	5,266	11,825	12,130	4,926

Total.. 9,771 122,066 134,461 72,590

LIVE STOCK IMPORTS, 1918.

Month.	Cattle.	Sheep.	Horses.	Mules.
JANUARY.....	9,286	1,423	231	.....
FEBRUARY.....	11,294	7,085	520	.....
MARCH.....	14,603	13,200	588	.....
APRIL.....	22,563	1,899	602	.....

FOUR MONTHS 57,746 23,607 1,941

LIVE STOCK EXPORTS, 1918.

Month.	Cattle.	Sheep.	Horses.	Mules.
JANUARY.....	601	6	8,135	3,701
FEBRUARY...	508	48	9,091	1,286
MARCH.....	1,245	6	4,500	1,293
APRIL.....	1,457	11	2,446	89

FOUR MONTHS 3,811 71 24,172 6,369

BLACK WALNUTS.

Trees, Productions and Values by Different States.

In the year 1909 black walnut trees of bearing age were grown upon 54,837 farms, and trees not of bearing age were grown upon 14,994 farms. The bearing trees numbered 786,210 and the young trees were 273,856. The total production in pounds was 15,628,776, and the total market value was \$244,479. The table herewith shows the details by states.

State.	Trees of Bearing Age.	1910. Trees Not of Bearing Age.	Production, Pounds.	Value, Dollars.
ALA...	3,228	1,753	157,245	3,477
ARIZ...	5	26	.....	.....
ARK...	9,104	5,940	514,273	7,795
CALIF...	6,582	7,905	159,374	2,562
COLO...	3,311	416	7,330	248
CONN...	3,188	2,636	45,304	1,856
DEL...	890	554	35,200	581
FLA...	470	2,855	42,573	766
GA...	6,850	4,627	427,607	8,598
IDAHO...	502	1,847	2,053	41
ILL...	44,159	24,698	530,730	7,411
IND...	11,848	4,822	378,842	4,386
IA...	125,194	24,277	1,134,061	20,589
KAS...	113,537	8,619	377,649	6,033
KY...	14,521	2,360	793,970	11,284
LA...	616	655	54,624	970
ME...	231	63	1,600	50
MD...	5,375	1,522	274,936	2,997
MASS...	1,910	434	40,064	1,219
MICH...	16,105	3,520	546,779	7,804
MINN...	7,036	6,507	65,074	1,490
MISS...	2,914	2,391	151,406	3,700
MO...	85,330	15,199	2,446,402	24,526
MONT...	20	236	.....	.....
NEB...	78,296	36,526	381,968	8,746
NEV...	34	.....	2,500	29
N. H...	1,518	208	13,330	375
N. J...	4,168	804	151,828	2,766
N. M...	101	1,823	200	10
N. Y...	19,872	27,591	465,918	11,485
N. C...	19,570	9,180	1,081,480	16,138
N. D...	2	300	.....	.....
OHIO...	8,693	3,399	354,135	4,645
OKLA...	21,412	7,204	94,659	1,591
ORE...	2,024	3,405	69,097	1,333
PENN...	65,075	22,193	2,162,471	39,306
R. I...	25	.....	1,320	45
S. C...	3,662	2,258	185,252	3,672
S. D...	16,726	10,219	72,659	1,490
TENN...	18,225	3,536	708,627	9,194
TEX...	1,820	1,206	55,446	995
VT...	1,704	253	32,910	725
VA...	23,049	9,173	600,141	9,723
WASH...	1,427	601	43,438	687
W. VA...	32,495	9,682	878,215	11,430
WIS...	3,159	922	86,086	1,617
WYO...	17	11	.....	.....
Total.	786,210	273,856	15,628,776	244,479

In the year 1686 William Fitzhugh, in Virginia, described his own plantation and mentions a large orchard of about 2,500 apple trees, mostly grafted, well fenced with a locust fence.

In the year 1716 Thomas Fairchild, an English gardener, crossed the Carnation with the Sweet William. This is the record of the first hybrid (mixture of the species) in flowers.

The Dutch East India Company sent two pounds two ounces of Chinese tea to the King of England in 1661 as a rare and valuable offering. The first known tea to arrive in England.

About the year 1701 Jehro Tull, a gentleman of Berkshire, in England, adopted the system of sowing his crops in rows or drills so wide apart as to admit of tillage of the intervals both by plowing and hoeing.

Persian or English Walnuts.

In the year 1899 the production of English walnuts was 10,668,065 pounds, and ten years later, in 1909, the product had increased to 22,026,524 pounds. In the census year 1910 there were 16,867 farms reporting 914,270 trees of bearing age and 19,991 farms reporting 806,413 trees not of bearing age. The value of the 1909 production was estimated at \$2,297,333. California grows nearly all the crop, but we give other states the credit they are entitled to.

State.	Trees of Bearing Age.	Trees Not of Bearing Age.	Production, Pounds.	Value, Dollars.
ALA...	3,022	4,180	43,673	3,557
ARIZ...	103	324	1,000	161
ARK...	1,284	1,260	15,436	1,384
CAL...	853,237	546,804	21,432,266	2,247,193
COLO...	39	80	25	3
DEL...	15	15	222	44
FLA...	786	1,489	28,575	2,018
GA...	3,433	6,996	56,585	4,161
IDA...	407	1,013	633	79
ILL...	772	1,045	3,497	331
IA...	200	.....	.....	.....
KY...	1,227	1,193	35,825	1,499
LA...	1,228	3,390	15,173	1,446
MD...	2,068	1,758	6,916	745
MINN...	1	7	50	5
MISS...	2,705	5,513	66,492	6,949
MO...	1,214	999	5,791	618
NEV...	39	148	200	20
N. J...	429	1,360	2,798	302
N. M...	250	1,641	715	91
N. Y...	456	139	9,346	858
N. C...	2,125	1,731	73,303	3,686
OHIO...	599	220	2,461	154
OKLA...	6,889	5,962	6,700	489
ORE...	9,526	177,004	79,060	8,288
PENN...	198	142	4,523	516
R. I...	1	1	.....	.....
S. C...	1,373	1,834	28,160	2,583
TENN...	437	137	4,157	295
TEX...	9,685	13,015	40,658	3,703
UTAH...	292	484	5,985	533
VA...	3,540	1,642	22,512	1,231
WASH...	3,651	23,406	16,450	2,241
W. VA...	3,035	1,481	17,337	2,153
WYO...	1	.....	.....	.....
Total.	914,270	806,413	22,026,524	2,297,336

Cantaloupes, 1916 and 1917.

Eight thousand additional acres devoted to producing cantaloupes is the good record of the year 1917. We obtain therefrom a nice million additional crates. We herewith give the heart of the Agricultural Department report:

State.	1916. Acre-age Harvested. Acres.	Production. Crates.	1917. Acre-age Harvested. Acres.	Forecast of Production. Crates.
N. C...	4,300	602,000	4,100	574,000
S. C...	1,000	142,000	900	138,600
GA...	5,000	730,000	7,600	1,170,400
FLA...	1,500	210,000	1,200	127,200
TENN...	400	68,000	200	29,600
ALA...	300	46,800	600	88,800
ARK...	3,300	382,000	6,900	752,100
COLO...	5,300	826,800	4,500	855,000
N. M...	600	121,200	700	126,000
ARIZ...	1,800	324,000	3,400	612,000
NEV...	600	108,000	600	108,000
CALIF...	.....	.....	.....	.....
IM. VAL.	9,200	1,987,200	13,800	2,608,200
CEN. CAL.	7,100	1,228,000	3,500	598,500
Total.	40,400	6,771,900	48,000	7,788,400

In the year 1690 the first work treating of roses with any degree of method was published. It was that by LaQuintyne, and issued in Paris.

WHAT BECOMES OF THE GRAIN CROPS.

RECEIPTS OF GRAIN AT VARIOUS CITIES IN THE YEAR 1915.

Cities.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.	Total, Bushels.
Chicago, 1915.....	70,704,000	95,357,000	133,475,000	4,648,000	26,167,000	330,351,000
Detroit, 1915.....	2,714,000	3,797,000	4,775,000	539,000	9,000	11,834,000
Buffalo, 1915.....	166,670,198	17,281,413	10,969,616	3,787,863	13,512,782	212,221,872
Montreal, 1915.....	44,450,230	827,328	14,535,411	3,058	1,876,769	61,692,802
Omaha, 1915.....	16,587,600	24,295,200	11,042,000	1,076,000	555,000	53,555,800
Peoria, 1915.....	4,830,625	20,479,375	11,279,800	372,800	2,334,200	39,296,800
Kansas City, 1915.....	58,693,950	20,803,750	6,247,500	361,900	1,817,200	87,924,300
St. Louis, 1915.....	35,250,404	18,917,185	19,402,855	495,463	1,463,170	75,529,077
Indianapolis, 1915.....	4,026,000	16,114,000	8,839,000	205,000	.....	29,184,000
Cincinnati, 1915.....	7,380,386	7,813,414	6,816,890	702,483	601,502	23,314,675
Toledo, 1915.....	9,551,000	4,132,600	6,341,700	118,000	141,700	20,285,000
Cleveland, 1915.....	3,536,597	3,948,169	6,470,005	52,400	123,058	14,130,233
Boston, 1915.....	13,559,148	789,616	3,287,859	400,777	874,682	18,112,082
New York, 1915.....	99,342,750	14,383,985	88,382,922	2,020,650	6,671,785	210,802,092
Philadelphia, 1915.....	34,860,627	3,904,354	18,744,587	1,284,594	667,581	56,461,743
Baltimore, 1915.....	36,303,781	18,739,745	25,742,902	10,218,611	6,103,985	97,109,024
Milwaukee, 1915.....	6,723,175	28,537,780	3,579,250	3,579,250	17,190,720	70,148,510
Duluth, 1915.....	95,122,447	2,357,657	6,482,346	4,056,281	14,342,651	122,361,332
Minneapolis, 1915.....	142,669,370	10,777,330	33,544,950	6,237,490	36,593,780	229,822,920
Galveston, 1915.....	33,881,000	875,000	.....	.....	.....	34,756,000
New Orleans, 1915.....	32,202,000	6,789,000	3,860,000	.....	.....	42,851,000
Portland, Ore., 1915.....	18,418,775	233,750	2,286,400	22,800	2,677,050	23,838,775
San Francisco, 1915.....	2,959,932	368,843	826,052	11,960	7,596,623	11,763,410
Winnipeg, 1915.....	220,480,125	.....	53,844,500	110,000	7,862,650	282,297,275

RECEIPTS OF GRAIN AT VARIOUS CITIES IN THE YEAR 1916.

Cities.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.	Total, Bushels.
Chicago, 1916.....	74,944,000	102,376,000	161,244,000	5,601,000	34,526,000	378,691,000
Detroit, 1916.....	2,539,000	3,835,000	3,933,000	531,000	.....	10,838,000
Buffalo, 1916.....	138,668,781	3,527,207	22,036,301	1,477,346	11,700,953	177,409,688
Montreal, 1916.....	58,382,190	4,773,091	23,799,796	353,896	3,351,922	90,660,895
Omaha, 1916.....	36,831,600	21,466,600	14,570,700	1,163,800	1,136,800	75,169,500
Peoria, 1916.....	5,440,100	22,164,790	11,728,950	629,700	3,335,100	56,296,640
Kansas City, 1916.....	77,785,650	27,186,250	7,961,100	414,700	2,043,000	108,390,700
St. Louis, 1916.....	40,578,583	18,459,835	19,237,385	813,714	1,580,920	80,670,437
Indianapolis, 1916.....	3,292,000	25,166,000	14,596,000	126,000	.....	43,180,000
Cincinnati, 1916.....	7,274,652	9,499,415	7,005,353	660,077	1,498,534	25,938,031
Toledo, 1916.....	6,592,700	3,961,600	4,358,800	135,100	19,000	15,067,200
Cleveland, 1916.....	2,120,979	3,706,405	5,609,815	593,767	68,421	12,099,387
Boston, 1916.....	16,521,474	2,401,678	13,493,560	265,888	564,655	33,247,255
New York, 1916.....	127,316,180	11,055,200	33,277,800	744,700	14,055,023	186,448,903
Philadelphia, 1916.....	42,903,186	4,827,874	13,643,442	384,783	1,155,489	62,914,774
Baltimore, 1916.....	46,289,423	22,069,065	41,230,468	12,577,433	4,986,969	127,153,178
Milwaukee, 1916.....	8,705,256	11,611,530	40,134,900	3,669,240	22,402,760	86,523,686
Duluth, 1916.....	50,691,105	.....	7,299,813	2,850,506	10,621,371	71,462,795
Minneapolis, 1916.....	130,404,830	7,536,220	42,525,860	7,297,320	37,588,460	225,352,690
Galveston, 1916.....	24,076,000	1,038,000	.....	.....	48,113	25,162,113
New Orleans, 1916.....	23,724,000	6,792,000	3,397,000	.....	954,000	34,867,000
Portland, Ore., 1916.....	6,873,997	178,620	3,139,000	44,800	798,094	11,025,511
San Francisco, 1916.....	3,351,223	330,213	2,162,650	32,698	8,408,336	14,285,115
Winnipeg, 1916.....	235,203,800	.....	103,725,450	183,000	11,188,300	350,300,550

RECEIPTS OF GRAIN AT VARIOUS CITIES IN THE YEAR 1917.

Cities.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.	Total, Bushels.
Chicago, 1917.....	31,751,000	70,854,000	125,910,000	4,541,000	22,348,000	356,404,000
Detroit, 1917.....	2,484,000	2,715,000	3,626,000	460,000	.....	9,285,000
Buffalo, 1917.....	97,898,000	12,158,000	48,362,000	3,570,000	11,896,000	163,884,000
Montreal, Can., 1917.....	33,662,446	850,104	13,674,161	216,612	2,815,818	51,219,141
Omaha, 1917.....	13,714,600	29,882,600	20,280,500	875,200	1,711,400	66,460,300
Peoria, 1917.....	2,792,200	29,266,890	16,986,450	220,800	3,297,200	52,563,540
Kansas City, 1917.....	36,954,000	14,017,500	14,917,000	442,200	7,110,000	72,441,600
St. Louis, 1917.....	30,359,894	22,249,732	30,842,635	460,432	1,726,644	85,539,337
Cincinnati, 1917.....	7,517,958	8,939,172	7,073,714	750,664	1,033,828	25,315,336
Toledo, 1917.....	5,443,200	2,227,800	3,720,600	124,100	14,800	11,530,500
Cleveland, 1917.....	2,088,076	2,014,052	4,562,115	267,978	5,064	8,906,285
Boston, 1917.....	7,815,893	805,526	9,570,000	265,880	60,377	18,517,684
New York, 1917.....	78,217,300	13,768,700	38,406,000	3,441,500	11,545,000	145,376,500
Philadelphia, 1917.....	31,285,652	4,054,394	18,974,789	1,205,913	151,477	45,052,225
Baltimore, 1917.....	25,373,787	19,191,062	22,670,743	9,073,836	1,686,769	77,896,197
Milwaukee, 1917.....	7,676,447	11,121,900	29,341,010	2,500,165	16,724,120	67,363,642
Duluth, 1917.....	30,576,769	31,938	5,184,253	3,800,739	8,559,418	48,153,117
Minneapolis, 1917.....	101,021,250	8,065,390	29,382,000	9,212,550	27,791,110	175,472,190
Galveston, 1917.....	14,060,965	556,899	929,350	150,000	865,103	16,562,317
New Orleans, 1917.....	17,005,657	3,764,847	9,247,100	281,442	8,869,893	39,168,939
Port Arthur, Can., 1917.....	160,961,158	.....	47,761,375	159,647	6,769,000	205,742,180
Winnipeg, 1917.....	188,299,650	.....	66,311,700	324,000	7,016,100	261,951,450

THE SIZE OF AMERICAN FARMS.

The following tabulated statement is an exhibit of the different sized farms in the United States, showing the number in each state in each class. On page 4 will be found a memorandum of the total number of each size in the United States:

States.	Farms less than 3 Acres.	Farms 3 to 9 Acres.	Farms 10 to 19 Acres.	Farms 20 to 49 Acres.	Farms 50 to 99 Acres.	Farms 100 to 174 Acres.	Farms 175 to 250 Acres.	Farms 260 to 499 Acres.	Farms 500 to 999 Acres.	Farms ex- ceeding 1,000 Acres.
ALA.	130	13,613	28,115	106,841	55,448	35,563	11,932	8,161	2,276	822
ARIZ.	1,595	912	839	1,447	820	2,591	263	494	163	72
ARK.	114	6,270	29,875	74,983	45,373	39,353	11,135	6,014	1,163	398
CALIF.	1,269	9,324	11,932	20,614	10,680	12,015	4,689	7,862	5,119	4,693
COLO.	569	2,222	2,279	3,882	4,384	16,355	3,004	9,472	2,426	1,577
CONN.	223	2,693	3,119	6,306	6,634	4,999	1,702	911	188	40
DEL.	32	672	831	1,988	2,977	2,849	994	435	52	6
D. C.				217						
FLA.	307	3,758	5,019	17,169	9,999	8,178	2,589	1,956	670	371
GA.	98	8,602	20,929	117,432	68,510	42,275	16,436	11,274	3,950	1,521
IDAHO.	189	875	941	4,048	5,820	11,891	2,519	3,347	921	256
ILL.	845	9,191	10,258	33,322	57,917	80,539	38,315	19,440	1,842	203
IND.	441	11,508	11,695	40,161	67,221	57,261	18,081	8,026	949	142
IOWA.	392	7,295	6,037	15,687	38,712	80,121	40,304	25,861	2,430	214
KAS.	220	4,221	3,601	10,738	26,151	57,789	26,590	34,696	10,475	3,360
KY.	315	21,777	33,380	58,737	65,778	50,134	17,315	9,324	2,181	444
LA.	344	6,671	22,241	46,389	20,248	13,681	4,645	3,761	1,548	1,013
MAINE.	118	3,456	5,359	9,492	17,895	16,633	5,653	2,640	461	129
MD.	148	4,977	5,107	8,629	9,946	11,457	5,043	3,027	506	83
MASS.	833	4,817	4,956	8,890	7,981	5,703	2,147	1,178	319	93
MICH.	387	6,679	7,719	49,890	73,748	50,622	12,426	4,717	607	165
MINN.	294	2,555	2,770	12,028	26,571	55,424	27,972	24,864	3,359	300
MISS.	240	11,123	55,571	112,666	44,045	30,172	10,132	6,983	2,061	780
MO.	455	8,551	10,740	47,368	74,178	90,020	32,109	19,132	3,607	544
MONT.	274	229	252	956	1,260	10,552	1,566	6,773	2,353	1,990
NEB.	129	2,298	1,931	4,558	12,618	43,916	20,743	26,490	13,128	3,867
NEV.	87	79	105	320	411	555	174	366	248	344
N. H.	92	2,357	2,146	4,509	6,248	6,247	2,964	1,810	513	167
N. J.	541	3,256	4,276	7,607	8,194	7,207	1,659	576	112	59
N. MEX.	988	3,212	2,685	2,812	1,820	15,363	1,353	6,035	836	572
N. Y.	1,424	17,231	15,533	31,047	56,821	61,031	21,901	9,262	1,104	243
N. C.	116	14,868	28,240	75,629	62,157	43,987	15,629	9,625	2,669	805
N. DAK.	54	82	93	450	1,207	23,003	5,345	29,048	12,662	2,416
OHIO.	749	19,448	18,716	50,331	88,047	68,746	18,211	6,902	783	112
OKLA.	104	1,975	5,079	31,489	39,002	75,186	16,078	17,734	2,688	857
OREGON.	244	2,639	3,147	6,888	6,800	12,009	3,680	5,663	2,716	1,716
PA.	972	19,130	18,556	39,721	65,687	55,518	14,096	4,816	632	167
R. I.	145	585	647	1,144	1,264	945	312	175	51	24
S. C.	53	14,218	23,714	70,582	33,147	19,427	7,164	5,375	1,942	812
S. DAK.	99	341	368	1,121	2,406	28,396	8,230	24,811	9,698	2,174
TENN.	143	14,113	32,485	72,212	60,105	41,545	14,149	8,301	1,878	481
TEXAS.	411	9,069	19,891	98,583	112,327	94,674	31,864	27,185	12,833	11,138
UTAH.	297	1,836	2,541	5,530	4,170	3,650	1,372	1,309	551	398
VT.	60	2,581	1,937	3,481	5,010	9,492	5,194	3,322	607	125
VA.	227	17,464	22,055	42,390	38,342	32,997	14,963	11,338	3,450	992
WASH.	563	4,593	5,373	10,252	7,105	13,884	3,089	6,126	3,481	1,726
W. VA.	117	7,419	7,863	20,323	26,806	20,156	7,481	4,767	1,316	437
WIS.	273	5,491	4,883	23,460	54,007	58,439	20,196	9,274	966	141
WYO.	284	83	53	338	645	3,816	785	2,846	984	1,155

COMPARATIVE GRAIN CROPS OF UNITED STATES FOR A SERIES OF YEARS.

Crop.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.
1887.	456,329,000	1,456,161,000	659,618,000	20,691,000	56,812,000
1888.	414,868,000	1,987,790,000	701,735,000	28,415,000	63,884,000
1889.	490,560,000	2,112,892,000	751,515,000	28,500,000	66,000,000
1890.	399,262,000	1,489,970,000	523,621,000	29,000,000	58,800,000
1891.	611,780,000	2,060,154,000	738,394,000	36,000,000	77,400,000
1892.	515,949,000	1,628,464,000	601,035,000	36,000,000	76,400,000
1893.	396,131,725	1,619,496,131	638,854,850	26,555,446	69,869,495
1894.	460,267,416	1,212,770,052	662,036,928	26,737,615	61,100,465
1895.	467,102,947	1,251,138,580	824,443,537	27,210,070	87,072,744
1896.	427,694,346	2,283,875,165	707,346,044	24,369,047	69,695,223
1897.	530,149,168	1,902,967,933	698,767,809	7,363,324	66,685,127
1898.	675,148,705	1,924,184,660	730,906,643	25,657,522	55,792,257
1899.	547,305,846	2,078,143,933	706,177,713	23,061,741	73,381,563
1900.	522,229,595	2,105,102,516	809,125,989	25,995,927	58,925,833
1901.	748,460,218	1,522,519,891	736,808,724	30,344,830	109,932,924
1902.	670,063,008	2,523,648,812	987,842,712	33,630,592	134,954,023
1903.	637,821,835	2,244,176,925	784,094,199	29,363,416	131,861,391
1904.	552,399,517	2,467,480,934	894,595,552	27,234,565	139,748,958
1905.	692,979,489	2,707,993,540	953,216,197	27,616,045	136,651,020
1906.	735,260,970	2,927,416,091	964,904,523	33,374,833	178,916,484
1907.	634,987,000	2,592,320,000	754,443,000	31,566,000	153,597,000
1908.	664,692,000	2,668,651,000	807,156,000	31,851,000	166,756,000
1909.	683,350,000	2,552,190,000	1,007,129,000	29,520,000	176,321,000
1910.	635,121,000	2,886,260,000	1,186,341,000	34,897,000	173,832,000
1911.	621,338,000	2,531,488,000	922,298,000	33,119,000	160,240,000
1912.	730,267,000	3,124,746,000	1,418,337,000	35,664,000	223,824,000
1913.	763,380,000	2,446,988,000	1,121,768,000	41,381,000	178,189,000
1914.	891,017,000	2,672,804,000	1,141,060,000	42,779,000	194,953,000
1915.	1,011,505,000	3,054,535,000	1,540,362,000	49,190,000	237,009,000
1916.	639,886,000	2,583,241,000	1,251,992,000	47,383,000	150,927,000
1917.	650,828,000	3,159,494,000	1,587,000,000	60,145,000	208,975,000
1918.	918,920,000	2,717,775,000	1,535,297,000	76,687,000	236,505,000

FARM TENURE—WHITE AND COLORED.

In the United States at the last census 5,540,619 farms were in the hands of white farmers and 920,883 farms were in the hands of colored farmers. White owners cultivating their own farms were 3,707,501 and colored farmers cultivating their own farms were 241,221. White farm managers conducted 56,560 farms and 1,544 colored men managed other people's farms. There were 1,676,558 farms rented by white tenants and 678,118 farms rented by colored tenants.

WHITE
FARMERS.COLORED
FARMERS.

State.	Owners.	Mgrs.	Tenants.	Owners.	Mgrs.	Tenants.
ALA.	86,947	594	65,017	17,082	52	93,309
ARIZ.	5,054	152	818	3,149	1	43
ARK.	91,987	717	58,381	14,662	46	48,885
CALIF.	65,694	3,355	16,070	938	62	2,078
COLO.	36,527	786	8,283	4,666	1	107
CONN.	23,155	937	2,610	79	12	22
DEL.	5,772	197	4,053	406	16	500
D. C.	110	14	81	8	1	3
FLA.	28,101	1,174	6,090	7,298	11	7,322
GA.	82,930	1,296	81,423	15,698	123	106,738
IDAHO.	26,826	450	3,126	343	15	318
ILL.	144,318	2,368	103,761	789	18	618
IND.	148,029	2,282	61,369	472	15	318
IOWA.	132,867	1,924	82,052	136	2	63
KAS.	110,010	1,314	61,826	1,098	21	572
KY.	164,403	953	82,099	5,929	40	5,761
LA.	42,264	873	22,530	10,725	77	44,077
MAINE.	56,429	998	2,560	25	1	3
MD.	29,569	901	12,081	3,950	87	2,335
MASS.	31,966	1,859	2,968	100	4	11
MICH.	171,525	1,952	32,537	785	9	152
MINN.	211,910	1,220	32,714	194	2	97
MISS.	67,040	719	41,886	25,026	106	139,605
MO.	199,176	1,960	81,442	2,109	41	1,516
MONT.	22,198	502	2,318	1,167	3	26
NEB.	78,881	986	49,349	369	1	92
NEV.	2,023	180	325	152	1	8
N. H.	24,481	680	1,887	12	1	2
N. J.	25,868	1,033	8,110	265	27	184
N. M.	31,277	517	12,934	2	4	23
N. Y.	165,866	4,034	44,755	808	14	17
N. C.	123,877	1,014	63,148	21,443	74	44,139
N. D.	62,485	482	10,650	727	2	14
OHIO.	190,791	2,725	76,579	1,813	28	609
OKLA.	74,250	624	94,643	11,150	27	9,494
ORE.	37,318	839	6,713	478	8	141
PENN.	163,888	3,930	50,931	341	31	174
R. I.	4,058	251	942	29	1	12
S. C.	43,978	732	34,926	20,372	131	76,295
S. D.	55,248	422	19,166	2,736	7	65
TENN.	133,425	775	73,504	10,700	51	28,557
TEX.	174,631	2,251	170,970	21,232	81	48,605
UTAH.	19,546	193	1,661	216	1	59
VA.	101,436	1,445	33,023	32,228	180	15,706
VT.	28,048	635	4,006	17	1	2
WASH.	46,804	950	7,313	701	11	413
W. VA.	75,420	865	19,692	558	7	143
WIS.	150,473	1,447	21,616	549	4	38
WYO.	9,781	310	894	61	1	3

U. S., 3,707,501 1,676,558 1,544
U. S., 56,560 241,221 678,118

FOOD SUPPLIES OF COUNTRIES.

The following table gives estimated values of relative imports, exports and production of foodstuffs in the countries named (on the basis of 100 representing their consumption) prior to the outbreak of the war. It may surprise some persons to observe that before the war the United States imported more foodstuffs than she exported. The principal exports of foodstuffs from the United States are grain and meats, but these did not equal in value the imports of sugar and coffee. In addition to these much of our imports are tropical or subtropical fruits.

Index Numbers of Foodstuffs Imported, Exported, Produced and Consumed, Furnished by the United States Department of Agriculture.

Countries.	Consumption.	Imports.	Exports.	Production.
UNITED KINGDOM.	100	56.3	9.1	52.8
FRANCE.	100	12.2	5.7	93.5
RUSSIA.	100	2.8	12.4	109.6
BELGIUM.	100	62.8	20.1	57.3
UNITED STATES.	100	10.2	7.4	97.2
CANADA.	100	12.5	35.3	122.3
ARGENTINA.	100	5.3	53.3	148.0
GERMANY.	100	20.8	8.4	87.6
AUSTRIA-HUNGARY.	100	7.8	6.2	98.4

IMPROVED AND UNIMPROVED LAND.

NOTE.—Farm land is divided by the Census Department into three classifications: 1. Improved land includes all land regularly tilled or mowed, land pastured and cropped in rotation, land lying fallow, land in gardens, orchards, vineyards and nurseries and land occupied by farm buildings. 2. Woodland includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products. 3. Unimproved land includes brush land, rough or stony land, swamp land and any other land which is not inclosed or is in forests.

State.	Farms.	Acres in improved.	Acres in unimproved.	Timber.
ALA.	20,732,312	9,693,581	9,444,764	1,593,967
ARIZ.	1,246,613	350,173	100,061	796,379
CAL.	27,931,444	11,389,894	4,541,767	11,999,783
COL.	13,532,113	4,302,101	891,698	8,338,314
CON.	2,185,788	988,253	757,743	439,793
DEL.	1,038,866	713,538	252,034	73,296
D. C.	6,063	5,133	689	241
FLA.	5,253,538	1,805,108	3,007,638	440,492
GA.	26,953,413	12,298,017	13,002,741	1,652,655
IDA.	5,283,604	2,778,740	584,556	1,920,308
ILL.	32,252,937	28,048,323	3,147,879	1,326,735
IND.	21,209,823	16,931,252	3,370,791	997,780
IA.	33,930,683	29,491,199	2,314,115	2,125,374
KAS.	43,384,799	29,904,067	1,205,910	12,274,822
KY.	22,189,127	14,354,471	6,951,626	383,030
LA.	10,439,481	5,276,016	4,165,561	846,904
ME.	6,296,959	2,360,657	2,775,621	1,160,581
MD.	5,057,140	3,354,767	1,467,333	235,040
MAS.	2,875,941	1,164,501	1,064,583	646,887
MCH.	18,940,614	12,832,078	2,927,554	3,180,982
MIN.	27,675,823	19,643,533	3,932,391	4,109,899
MIS.	18,557,533	9,008,310	7,833,558	1,665,665
MO.	34,691,248	24,581,186	8,918,972	1,091,090
MON.	13,545,003	6,610,395	595,870	9,309,424
NEB.	38,622,021	24,332,577	898,206	13,436,238
NEV.	2,714,757	753,117	49,209	1,914,431
N. H.	2,249,456	929,185	1,502,389	317,884
N. J.	2,573,857	1,803,336	538,131	232,390
N. M.	11,270,021	1,467,191	1,491,025	8,311,805
N. Y.	22,030,367	14,844,039	4,436,145	2,750,183
N. C.	22,439,129	8,813,056	12,451,739	1,174,334
N. D.	28,426,650	20,455,092	421,877	7,549,681
O.	24,105,708	19,257,969	3,285,376	1,592,363
OKL.	38,589,353	17,551,337	3,568,910	9,739,106
ORE.	11,685,110	4,274,803	2,237,826	5,172,481
PA.	18,586,832	12,673,519	4,289,439	1,631,874
R. I.	443,308	178,344	185,909	79,055
S. C.	13,512,028	6,097,999	6,339,142	1,074,887
S. D.	26,910,892	15,2	87,208	383,144
TEN.	20,411,657	10,890,484	8,007,733	1,143,440
TX.	112,435,067	27,360,666	27,858,413	57,415,988
UTAH.	397,699	1,368,211	145,510	1,883,973
VT.	4,663,577	1,633,965	1,566,698	1,492,914
VA.	19,495,636	9,870,058	8,414,680	1,210,898
WASH.	1,712,235	6,373,311	1,541,551	3,797,373
W. VA.	10,246,142	5,521,757	3,068,836	535,849
WIS.	21,060,066	11,007,606	5,377,580	3,774,680
WYO.	8,513,010	1,256,160	252,152	7,034,693

878,798,323 190,865,558
478,451,750 209,481,022

Cabbage Crop, 1915-16.

There was considerable difference, one year with another. In 1915 the production was 9.7 tons per acre; in 1916 the production was reduced to 6.2 tons per acre. In 1915 the ground harvested was 69,400 acres, and in 1916 only 40,100 acres were harvested.

State.	1915. Yield Per Acres.	1915. Pro- duc- tion, Tons.	1916. Yield Per Acres.	1916. Pro- duc- tion, Tons.
COLO.	10.8	39,700	10.3	32,900
IND.	5.0	6,500	3.5	3,900
IOWA.	10.0	28,400	6.5	10,800
MICH.	9.0	41,400	7.1	17,400
MINN.	9.0	21,000	6.4	9,700
N. Y.	10.0	359,000	5.4	96,200
OHIO.	7.0	27,100	5.3	11,900
VA.	9.0	12,900	7.1	6,100
WIS.	10.0	134,600	6.3	58,000
Nine States.	9.7	670,600	6.2	247,000

(CONTINUED FROM PAGE 16.)

SNYDER, DR. H. L., Pure-Bred Percheron Horses, WINFIELD, KAS.
Sutton Ranch, Angus Cattle, Russell, Kas.
STEGELIN, ED, Breeder of Polled Durham Cattle, STRAIGHT CREEK, KAS.
STUBB'S FARM, Breeders of Holstein Cattle, MULVANE, KAS.
TAYLOR, C. W., Pearl Herd of Shorthorn Cattle, ABILENE, KAS.
WALKER, PHIL., Breeder of Jacks and Jennets, MOLINE, KAS.
WAYDE, E. M., Pure-Bred Poland-China Hogs, BURLINGTON, KAS.
WHITE, D. J., Breeder of Aberdeen-Angus Cattle, CLEMENTS, KAS.
WOODDELL, G. B., Breeder of Duroc-Jersey Swine, WINFIELD, KAS.
WOOD'S DUROC FARM (F. F. WOOD, Prop.), Duroc-Jersey Swine, WAMEGO, KAS.

KENTUCKY.

ARBUCKLE, M. B., Breeder of Pure-Bred Shorthorn Cattle, RICHMOND, KY.
ASBURY, H. T., Breeder of Pure-Bred Shorthorn Cattle, AUGUSTA, KY.
BASS, S. A., Breeder of Pure-Bred Shorthorn Cattle, RUSSELLVILLE, KY.
BEAN, W. E., Live Stock Buying Agent, MT. STERLING, KY.
BIGSTAFF, T. J., Pure-Bred Poland-Chinas, MT. STERLING, KY.
BLACKERBY, R. M., Breeder of Pure-Bred Shorthorn Cattle, STANFORD, KY.
BYRNE, L. L., Breeder of Pure-Bred Shorthorn Cattle, UNIONTOWN, KY.
CALLAWAY, J. H., Breeder of Shorthorn Cattle, SMITHFIELD, KY.
CARNES, J. T., Breeder of Pure-Bred Shorthorn Cattle, MENTON, KY.
CARPENTER, C. C., Breeder of Jacks and Jennets, R. 2, HOUSTONVILLE, KY.
CLARKSON, R. C., Breeder of Shorthorn Cattle, LEBANON, KY.
CONNER, HUBERT, Pure-Bred Holstein Cattle, BURLINGTON, KY.
COOK FARMS, THE, Mammoth Jacks, Saddlers and Show Horses, LEXINGTON, KY.
CURD, NAT. B., Live Stock and Real Estate Auctioneer, BOWLING GREEN, KY.
DAWSON, MRS. CLARENCE, White Wyandottes, R. R. 3, SHEPHERDSVILLE, KY.
DENNY, W. B., Breeder of Red Berkshire Swine, R. R. 1, LANCASTER, KY.
FELTNER, AUBREY B., Breeder of Pure-Bred Poland-China Swine, LONDON, KY.
FISCHER, SAM. & SONS, Breeders of Shorthorns and Polled Durhams, TUNNEL HILL, KY.
FOREST HOME FARMS, McKee Bros., Props., Duroc-Jerseys, VERSAILLES, KY.
Gager, C. B., Shorthorns, Paris, Ky.
GILTNER, R. R., Breeder of Kentucky Herefords, EMINENCE, KY.
GODDARD, R. E., Dealer in Harness and Saddle Horses, HARRODSBURG, KY.
GLENWORTH FARMS, A. S. Edelen, Owner, Kentucky Stallions, Mares and Geldings, also Jack Stock, BURGIN, KY.
HAINLINE, C. B., Breeder of Jacks and Jennets, R. R. 6, MT. STERLING, KY.
HAMMAN, MRS. H. J., Barred Plymouth Rocks, CLOVERPORT, KY.
HANCOCK, A. B., Breeder of Pure-Bred Shorthorn Cattle, PARIS, KY.
HENGST, F. D., Live Stock Auctioneer, 35 Paul Jones Bldg., LOUISVILLE, KY.
HOLMAN, W. A., Live Stock and Farm Auctioneer, ADAIRVILLE, KY.
HOWARD, S. J., Breeder of O. I. C. Swine, HENDERSON, KY.
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Jerseys, NEW WASHINGTON, OHIO.
OAKES STOCK FARM, Pure-Bred Hol-
stein Cattle, LITTLE HOCKING, OHIO.
OGLESBEE, I. E., Belgians and Perch-
erons, YELLOW SPRINGS, OHIO.
ORTH & MATHEWS, Breeders of Premier
Rambouillet Sheep, MCGUFFY, OHIO.
OSWALD, T. L., Breeder of Hampshire
Swine, DELAWARE, OHIO.
OTIS HERD, THE, of Milking Shorthorns,
R. M. Dodginton, Mgr., WILLOUGHBY, OHIO.
OWEN, SAMUEL, Breeder of "Owen
Hill" Merino Sheep, SEVILLE, OHIO.
PELTON, FLOYD M., Pure-Bred Holstein
Cattle, LA GRANGE, OHIO.
PORTER, W. L., Breeder of Shorthorn
Cattle, ATWATER, OHIO.
PRICE, W. H., Village Farm Jerseys,
WOODVILLE, OHIO.
PRINDLE, O. L., Pure-bred Holstein
Cattle, WEST VIEW, OHIO.
Rhodes, S. L., Chester Swine, Versailles, Ohio.
RAEMELTON FARM, Breeder of Large
Yorkshire Swine, MANSFIELD, OHIO.
Rawlins, A. M., Shorthorns, Springfield, Ohio.
ROBINSON, J. S., Breeder of Polled Dur-
horn Cattle, RIDGEWAY, OHIO.
ROMSHE, JUSTUS, & SON, Breeders of
Aberdeen-Angus Cattle, R. 4,
WAPAKONETA, OHIO.
RUSSELL, F. H., Breeder of Delaine Me-
rino Sheep, Box 39, WAKEMAN, OHIO.
RUSSELHURST FARM, Pure-bred Guern-
sey Cattle, WILLOUGHBY, OHIO.
SANDUSKY COUNTY PURE-BRED STOCK
ASSOCIATION, C. A. Mahan, Secretary,
FREMONT, OHIO.
SANFORD, N. B., Pure-Bred Shorthorn
Cattle, R. R. 1, STRYKER, OHIO.
SECRIST, H. J., & SON, Edgewood Duroc-
Jersey Swine, WHARTON, OHIO.
SHADYSIDE FARMS, Breeders of Pure-
bred Shetlands, NORTH BENTON, OHIO.
SILVER, THE L. B. SILVER CO., Breeders
and Originators of the Famous O.I.C. Swine,
CLEVELAND, OHIO.
STEVENS, R. T., R. R. 5, SHELBY, OHIO.
SNYDER, IRVIN A., Breeder of Registered
Holstein Cattle, PARIS, OHIO.
STARK, JOSHUA, Breeder of Large
English Berkshires, GRANVILLE, OHIO.
STEEL, ED. V., & SONS, Breeders of
Aberdeen-Angus, R. 2, EAST SPARTA, OHIO.
STUCKEY, CHAS. J., Breeder of Fancy
Duroc-Jerseys, MECHANISBURG, OHIO.
TERRELL, TASSO, Breeder of American
and Delaine Merinos, NEW VIENNA, OHIO.
THOMAS, T. O., Pure-Bred Large Berk-
shire Swine, R. 6, FREEPORT, OHIO.
VOGE'S JACK FARM, Jacks, Jennets,
Mules and Percherons, EATON, OHIO.
WALKER, DR. H. F., Breeder of Regis-
tered Jersey Cattle, WILLIAMSBURG, OHIO.

WALKER, J. F., Woodbine Farm Merino
Sheep, GAMBIER, OHIO.
WARSTLER, GEO., & SONS, Registered
Holsteins, JUSTUS, OHIO.
WELLINGTON STOCK FARM, Pure-Bred
Holsteins, WELLINGTON, OHIO.
WHINNERY, WILLIS, Registered Jerseys,
SALEM, OHIO.
WILDERSON, C. G., Pure-Bred Guernsey-
Cattle, LEETONIA, OHIO.
WILLIAMSON, J. C., Breeder of Oxford
Down Sheep, XENIA, OHIO.
WOODSIDE FARMS (W. H. Butler),
Percheron Horses, SANDUSKY, OHIO.
YAUSSY, GODFREY, Pure-Bred Holstein
Cattle, BUCYRUS, OHIO.
YODER, J. S., Pure-Bred Guernsey Cattle,
WOOSTER, OHIO.
ZEHRING, OSCAR O., Prize Winning Hol-
stein-Friesians, GERMANTOWN, OHIO.

OKLAHOMA.

AKIN, LEE A., Breeder of Pure-Bred
Shorthorn Cattle, WATONGA, OKLA.
ALLISON, A. R., Breeder of Pure-Bred
Shorthorn Cattle, MEDFORD, OKLA.
AUSTIN, CHAS., Breeder of Pure-Bred
Poland-China Swine, RED OAK, OKLA.
BAKER, T. A., Breeder of Pure-Bred
Shorthorn Cattle, WATONGA, OKLA.
BALL, FRED S., Auctioneer, Live Stock
and Farm Sales, EL RENO, OKLA.
BARKLEY, G. W., Breeder of Pure-Bred
Shorthorn Cattle, SEILING, OKLA.
BERNER, J. F., Breeder of Pure-Bred
Shorthorn Cattle, GOTEBO, OKLA.
BISHOP, E. F., Breeder of Pure-Bred
Shorthorn Cattle, HOBART, OKLA.
BOUSE, R. P., Breeder of Pure-Bred
Shorthorn Cattle, HELENA, OKLA.
BRASIER, A. J., Breeder of Pure-Bred
Shorthorn Cattle, CLAREMORE, OKLA.
BREENE, FRANK M., Breeder of Pure-
bred Shorthorns, BARTLESVILLE, OKLA.
BROWDER, J. A., Breeder of Pure-Bred
Shorthorn Cattle, ASHER, OKLA.
BROWNE, V. B., Breeder of Pure-Bred
Shorthorn Cattle, MAY, OKLA.
BRYAN, E. M., Breeder of Pure-Bred
Shorthorn Cattle, LEEDEY, OKLA.
BUCK, C. I., Registered Hampshire Swine,
CANTON, OKLA.
BURNS, J. A., Breeder of Pure-Bred
Shorthorn Cattle, NOWATA, OKLA.
CADDO MEBANE COTTON SEED CO.,
Mebane Triumph Cotton Seed, CADDO, OKLA.
CALLAHAN, E. J., Breeder of Pure-Bred
Shorthorn Cattle, LONE WOLF, OKLA.
CAVETT, J. F., Breeder of Pure-Bred
Shorthorn Cattle, PAWNEE, OKLA.
CLARK, JOE F. H., Breeder of Duroc-
Jersey Swine, CUSTER CITY, OKLA.
COMMERCIAL LAND CO., Breeders of
Reg. Hereford Cattle, MUSKOGEE, OKLA.
CROSBIE, J. E., Breeder of Pure-Bred
Shorthorn Cattle, TULSA, OKLA.
DELLINGER, W. A., Breeder of Pure-
bred Poland-Chinas, FORT COBB, OKLA.
DRUM, F. H., Breeder of Pure-Bred
Shorthorn Cattle, BEAVER, OKLA.
ENGRAM, I. A., Breeder of Pure-Bred
Shorthorn Cattle, EARLSBORO, OKLA.
FILLMORE, D. H., Breeder of Pure-Bred
Shorthorn Cattle, STILLWATER, OKLA.
FINERTY FARMS, Duroc-Jersey Swine,
Box 672, OKLAHOMA CITY, OKLA.
GRAHAM, C. A., Breeder of Pure-Bred
Shorthorn Cattle, TULSA, OKLA.
HENTHORN, A. J., Breeder of Percheron
Horses, OKLAHOMA CITY, OKLA.
HERRIF, E. F., Auctioneer, Live Stock
and Farm Sales, APACHE, OKLA.
HILLDALE FARMS, Duroc-Jersey
Swine, R. 5, OKLAHOMA CITY, OKLA.
HOLMAN, H. H., Breeder of Pure-Bred
Shorthorn Cattle, WETUMKA, OKLA.

HOPKINS, J. H., Breeder of Pure-Bred Shorthorn Cattle, CASHION, OKLA.
 HURT, FLOYD, Live Stock Auctioneer, Pure-Bred Stock, EDMOND, OKLA.
 JACKSON, J. H., Pure-Bred Percheron Horses, ENID, OKLA.
 KERSHAW, L. R., Aberdeen-Angus Cattle, MUSKOGEE, OKLA.
 KIME, CHAS. C., Big-Type Poland-Chinas, R. 2, CHICKASHA, OKLA.
 LOOKABAUGH, H. C., Breeder of Shorthorn Cattle, WATONGA, OKLA.
 McCORD BROS., Big-Type Poland-China Swine, PAULS VALLEY, OKLA.
 MIDDLETON, D. F., Breeder of Pure-Bred Shorthorn Cattle, CUSTER, OKLA.
 NORMAN, E. E., Breeder of Pure-Bred Shorthorn Cattle, WEATHERFORD, OKLA.
 OGDEN, GEORGE, Breeder of Belgian Hares, DUNCAN, OKLA.
 RICHARDSON, D. M., Breeder of Champion Duroc-Jersey Swine, ALTUS, OKLA.
 ROSS FRUIT FARM, Strawberries, Blackberries and Dewberries, DURANT, OKLA.
 SMYERS, C. W., Breeder of Pure-Bred Shorthorn Cattle, WHEATLAND, OKLA.
 TROTTER, JOHN A., Breeder of Pure-Bred Shorthorn Cattle, MANGUM, OKLA.
 WIRICK, J. E., Breeder of Pure-Bred Shorthorn Cattle, CLEO, OKLA.
 YODER, W. W., Breeder of Pure-Bred Shorthorn Cattle, BLANCHARD, OKLA.
 YOUNG, W. G., Breeder of Duroc-Jersey Swine, R. 2, CANUTE, OKLA.
 ZACHARY, W. T., Breeder of Pure-Bred Shorthorn Cattle, MARLOW, OKLA.
 ZALONDEK, J. A., Breeder of Pure-Bred Shorthorn Cattle, HILLSDALE, OKLA.
 ZELLNER, JOHN A., Breeder of Pure-Bred Poland-Chinas, ARDMORE, OKLA.

OREGON.

ALLEN, JESSE, Breeder of Pure-Bred Shorthorn Cattle, WALLOWA, OREGON.
 BARNETT, E. E., Breeder of Pure-Bred Poland-Chinas, PARK PLACE, OREGON.
 BARTON, RALPH A., Breeder of Pure-Bred Shorthorns, FRUITA, OREGON.
 BLEVANS, S. A., Breeder of Pure-Bred Shorthorn Cattle, JOSEPH, OREGON.
 BOYCE, R. E., Breeder of Shorthorn Cattle, BAKER, OREGON.
 BOYD, DANIEL, Breeder of Pure-Bred Shorthorn Cattle, ENTERPRISE, OREGON.
 BROWN, FRANK, Breeder of Pure-Bred Shorthorn Cattle, CARLTON, OREGON.
 BROWN, RANDOLPH, Pure-Bred Ayrshires, R. 3, JUNCTION CITY, OREGON.
 BRUGGER, THEO., Brown Swiss Stock Farm, R. R. 3, GRESHAM, OREGON.
 BURT, G. W., White Leghorn Baby Chicks, ROSEBURG, OREGON.
 CARMICHAEL, THOS., Pure-Bred Holstein Cattle, GASTON, OREGON.
 CARY, ED., Pure-Bred Jersey Cattle, CARLTON, OREGON.
 CLARK, W. H., Breeder of Pure-Bred Shorthorn Cattle, LENA, OREGON.
 CONLEY, ARCHIE, Pure-Bred Chester White Swine, COVE, OREGON.
 CRAFT, W. A., Breeder of Pure-Bred Poland-Chinas, SHERIDAN, OREGON.
 CUMMINGS, W. O., Breeder of Pure-Bred Shorthorn Cattle, MT. VERNON, OREGON.
 DICKSON, J. M., & SON, Ashburn Farm Jerseys, SHEDD, OREGON.
 DOERFLER, F. A., Mellow Lawn Jerseys, SILVERTON, OREGON.
 EASTERN OREGON JACK FARM, B. F. Swagart, Prop., LEXINGTON, OREGON.
 FOX, RAY J., Breeder of Pure-Bred Poland-China Swine, LYONS, OREGON.
 FRUITTS, J. M., Breeder of Hampshire Swine, ENTERPRISE, OREGON.
 GRANT, U. S., Breeder of Registered Angoras, DALLAS, OREGON.
 GREEN, W. E., Breeder of Pure-Bred Shorthorn Cattle, UNION, OREGON.

HARRISON, J. C., Breeder of Pure-Bred Poland-China Swine, SHEDDS, OREGON.
 HUBBARD, J. G. S., & SONS, Hampshire, Southdown and Lincoln Sheep, MONROE, OREGON.
 HULBERT, RILEY E., Breeder of Jersey Cattle, ALBANY, OREGON.
 HUNTER, A. R., Hunter Ranch Percherons, ISLAND CITY, OREGON.
 JOHNSON, ERNEST, Pure-Bred Holstein Cattle, SCAPOOSE, OREGON.
 LADD FARM, Breeder of Jersey Cattle, OSWEGO, OREGON.
 Mann, J. M. Milch Goats, Portland, Oregon.
 McARTHUR & STAUFF, Ashwood Farm Jerseys, RICKREAL, OREGON.
 METZ—S. METZ & SONS, Percheron, Belgian and Shire Stallions and Mammoth Kentucky Jacks, PENDLETON, OREGON.
 MIDDLEDALE FARMS GUERNSEYS, May Rose Breeding, GOSHEN, OREGON.
 MORROW, W. O., A. J. C. C. Jersey Cattle, INDEPENDENCE, OREGON.
 MOUNTAIN BROOK POULTRY FARM, Mr. and Mrs. W. A. Newton, MYRTLE CREEK, OREGON.
 NEEDHAM, FRANK, Breeder of Poland-China Swine, EUGENE, OREGON.
 NEUENSCHWANDER, WM., Pure-Bred Yorkshire Swine, GASTON, OREGON.
 PICKARD BROS., Golden Glow Jerseys, MARION, OREGON.
 PIERCE, F. A., Breeder of Angora Goats, ISOLATE, OREGON.
 POLLMAN, WM., Stock and Grain Farmer, P. O. Box 276, BAKER, OREGON.
 RHOTEN FARM, Vetch, Clover, Timothy, SALEM, OREGON.
 RIDDELL—WM. RIDDELL, JR., Romney Cattle, MONMOUTH, OREGON.
 SCHOEL, ED., Blue Ribbon Chester White Swine, SUVER, OREGON.
 SENDERS, M., & CO., Red and Alsike Clover, ALBANY, OREGON.
 SMITH, "THE CALF MAN," Dairy Calves a specialty, TILLAMOOK, OREGON.
 SITTON, MRS. E. D., Mammoth White Holland Turkeys, CARLTON, OREGON.
 STARK, C. A., Barred Plymouth Rocks, Box 242, SUTHERLIN, OREGON.
 STUMP—J. B. STUMP & SON, Jersey Cattle, MONMOUTH, ORE.
 STUMP, JNO. B., Angora Goat Breeder, MONMOUTH, OREGON.
 WERNER, ERNEST, Breeder of Record Holsteins, AURORA, OREGON.
 WESTERNWOLD RANCH, Pure-Bred Holstein Cattle, PRINEVILLE, OREGON.
 WILLARD, HERBERT, Pure-Bred Poland-China Swine, DAYTON, OREGON.
 WOOD, EARL, Pure-Bred Berkshire Swine, SILVERTON, OREGON.
 Zyesett, S. F., Angoras, Thomas, Oregon.

PENNSYLVANIA.

AKELEY, FRANK, Breeder of Pure-Bred Shorthorn Cattle, RUSSELL, PA.
 ALBRO, B. C., Breeder of Pure-Bred Shorthorn Cattle, COLUMBUS, PA.
 ANDREWS, WM. H., Breeder of Pure-Bred Shorthorns, CONNEAUT LAKE, PA.
 ARCADIA FARM, Chester White Swine and Collie Dogs, BALLY, PA.
 BAYARD BROS., Breeders of Aberdeen-Angus Cattle, WAYNESBURG, PA.
 BONNYMEAD'S FARM, Holstein and Guernsey Cattle, R. 1, HARRISBURG, PA.
 CAMPBELL, C. G., Breeder of Pure-Bred Shorthorn Cattle, NEW SHEFFIELD, PA.
 CARTER, C. H., Whitguern Farm, Big-Type Berkshires, WEST CHESTER, PA.
 DAVIDSON FARM, Breeder of Pure-Bred Jersey Cattle, R. 3, TARENTUM, PA.
 DELCHESTER FARMS (Thos. W. Clark, Manager), Advanced Registry Jersey Cattle, EDMONT, PA.
 GARRETT, C. W., Breeder of Pure-Bred Poland-China Swine, NEW HOPE, PA.

GRAHAM, WM. B., Breeder of Pure-Bred Shorthorn Cattle, BOLIVAR, PA.
 HAMILTON, P. F., Poland-Chinas, Berkshires, Chesters and Poultry, COCHRANVILLE, PA.
 HARRINGTON, JOHN R., Breeder of Pure-Bred Shorthorn Cattle, ALBION, PA.
 HERMAN, H. LEE, Breeder of Pure-Bred Shorthorn Cattle, LEWISBURG, PA.
 LIMBERT, H. S., Breeder of Registered Shorthorn Cattle, CENTRE HALL, PA.
 MELOY, REESE, Breeder of Registered Berkshires, WEST ALEXANDER, PA.
 MUNCE, R. L., Breeder of Pure Chester White Swine, CANONSBURG, PA.
 MYERS, B. F., Breeder of Pure-Bred Holstein Cattle, CHAMBERSBURG, PA.
 OTTO, I. V., Pure-Bred Holstein Cattle, CARLSLE, PA.
 Penshurst Farm, Ayrshires, Narberth, PA.
 RICE, J. W., Pure-Bred and Grade Guernsey Cattle, HARMONSBURG, PA.
 RISHEL, W. F., Pure-Bred Berkshire Swine, CENTRE HALL, PA.
 SHENANGO RIVER FARMS, Breeder of Duroc-Jerseys, FREDONIA, PA.
 STEWART, F., Breeder of Shetlands and Larger Ponies, ESPYVILLE, PA.
 TAGGERT, C. L., Breeder of Aberdeen-Angus Cattle, R. 9, WASHINGTON, PA.
 WALTER, EDWARD, Breeder of Registered Jersey Cattle, WEST CHESTER, PA.
 WHISLER, ELMER D., Chester Whites and Hampshire Sheep, NEWVILLE, PA.

RHODE ISLAND.

BALLOU, F. S., Breeder of Pure-Bred Shropshire Sheep, SLATERSVILLE, R. I.
 NORMAN, REGINALD, Breeder of Pure-Bred Dutch Belted Cattle, NEWPORT, R. I.
 PERRY, HENRY W., Breeder of Pure-Bred Ayrshire Cattle, WAKEFIELD, R. I.
 SUNDERLAND, W. L., Breeder of Registered Ayrshire Cattle, EXETER, R. I.
 VANDERBILT, REGINALD C., Breeder of Hackneys, SOUTH PORTSMOUTH, R. I.

SOUTH CAROLINA.

ATCHISON, J. H., Pure-Bred Poland-Chinas, Box 44, R. R. 1, CHAPPELLE, S. C.
 BARR, H. C., Breeder of Pure-Bred Poland-China Swine, SPRINGFIELD, S. C.
 BREEDEN, J. O., Breeder of Pure-Bred Berkshire Swine, BENNETTSVILLE, S. C.
 BUCKFIELD STOCK FARM, J. E. Clancy, Mgr., Angus Cattle, YEMASSEE, S. C.
 BURGESS, O. M., Breeder of Pure-Bred Poland-Chinas, HICKORY GROVE, S. C.
 COPELAND, A. W., Breeder of Pure-Bred Poland-China Swine, PENDLETON, S. C.
 CROSS ROAD STOCK FARM, A. R. Kohn, Prop., Poland-Chinas, PROSPERITY, S. C.
 DUKES, MARION, Breeder of Pure-Bred Poland-China Swine, ROWESVILLE, S. C.
 DUTCH FORK TRUCK FARM, Large English Tamworths, COLUMBIA, S. C.
 ENTERPRISE COMPANY, INC., Frost Proof Cabbage Plants, SUMTER, S. C.
 HAMPSHIRE HOG FARM, Pure-Bred Hampshire Swine, PROSPERITY, S. C.
 HERBIN, R. L., Breeder of Pure-Bred Poland-China Swine, BISHOPVILLE, S. C.
 HUMPHREISE, J. L., Breeder of Pure-Bred Poland-China Swine, MAYO, S. C.
 KELLETT, J. P., Breeder of Pure-Bred Collie Pups, FOUNTAIN INN, S. C.
 MCKEOWN, A. MAYO, Breeder of Pure-Bred Poland-China Swine, CORNWELL, S. C.
 MIDDLETON FARMS, Breeder of Pure-Bred Berkshire Swine, CLARKS HILL, S. C.
 PALMER, B. R. T., Big-Type Poland-China Hogs, R. F. D. 1, MCCORMICK, S. C.
 RIDGEVIEW HOLSTEIN - FRIESIAN FARM, J. F. Palmer, Prop., Breeder of Registered Holstein-Friesian Cattle, R. F. D. 1, MCCORMICK, S. C.

RIDGEWOOD FARM, H. D. Jordan, Prop., Holsteins, RIDGE SPRING, S. C.
 SPRING FIELDS FARM, H. Bigelow, Prop., Breeders of Duroc-Jersey Swine, NORTH CHARLESTON, S. C.
 TAYLOR PLANTATION, Breeder of Jersey Cattle of the Best Blood, COLUMBIA, S. C.

SOUTH DAKOTA.

ANDERSON, C. M., Pure-Bred Duroc-Jersey Swine, CONDE, S. D.
 APPLEBY, H. E., Registered Holstein Bulls, ETHAN, S. D.
 ARCADIA FARM (Barron Bros.), Clydesdale Horses, ELKTON, S. D.
 BARBER, E. C., Big-Type Poland-China Hogs, ALPENA, S. D.
 BARKLEY, GEO. E., Queen City Duroc-Jerseys, SIOUX FALLS, S. D.
 BARTELS, C. H., "Prairie View" Duroc-Jerseys, MINA, S. D.
 BARTH, PETER, Breeder of Holstein Cattle, MITCHELL, S. D.
 BATES, A. K., Breeder of Big Duroc-Jerseys, LETCHER, S. D.
 BATES, C. B., Pure-Bred Poland-China Swine, LETCHER, S. D.
 BATES, CHAS. F., Pure-Bred Poland-China Swine, LETCHER, S. D.
 BATES, O. A., Pure-Bred Berkshire Hogs, LETCHER, S. D.
 BATES, S. W., Pure-Bred Duroc-Jerseys, LETCHER, S. D.
 BELLE PLAIN YORKSHIRE (SWINE) FARM (W. B. Lawrence & Son), DELAND, S. D.
 BRUNNER, F. J., Big-Type Poland-China Swine, HURLEY, S. D.
 CHESKEY, CHAS. E., Blue Ribbon (Hereford) Stock Farm, SELBY, S. D.
 CLARK, GEO. E., Aberdeen-Angus Cattle, WORTHING, S. D.
 CLOVER VIEW FARM (M. P. Bates, Prop.), Breeders of Chester White Hogs and Hereford Cattle, R. 3, LETCHER, S. D.
 CRANE, VANCE, Pure-Bred Hereford Cattle, DE SMET, S. D.
 DAGGETT, L. E., Pure-Bred Poland-China Swine, MT. VERNON, S. D.
 DEXHEIMER, C. P., Sunnyside Stock Farm, Duroc-Jerseys, SPENCER, S. D.
 DILWORTH, FRANK J., Pure-Bred Hampshire Swine, SPENCER, S. D.
 DRALLE, FRED, River Bank Stock Farm, Poland-Chinas, MISSION HILL, S. D.
 DUNMIRE, J. M., SONS, Pure-Bred Percherons, SCOTLAND, S. D.
 EAGLE, W. S., & SON, Clover Croft Hereford Cattle, WESSINGTON SPRINGS, S. D.
 EDELMAN & SONS, Pure-Bred Shorthorn Cattle, MENNO, S. D.
 ERION, H. H., Golden Rock Duroc-Jerseys, ROCKHAM, S. D.
 ERION, J. M., Breeder of Chester White Swine, MITCHELL, S. D.
 ESTABROOK, L. A., Breeder of Pure-Bred Percherons, Shorthorns and Poland-Chinas, CUTHBERT, S. D.
 EXCELSIOR STOCK FARM (A. G. Robish & Sons), Herefords and Poldands, HAZEL, S. D.
 FORD HORSE IMPORTING CO., Percherons and Belgians, PARKER, S. D.
 GALE RIDGE STOCK FARM, A. A. Duncan, Prop., Poland-Chinas, EGAN, S. D.
 GILBERTSON, E. O., Red Polled Cattle and Duroc-Jerseys, IRENE, S. D.
 GILLILAND BROS., Grand View Hereford Cattle, YANKTON, S. D.
 GINSBACH, FRANK, Hereford Cattle and Duroc Swine, DELL RAPIDS, S. D.
 GLENN, JOHN, & SON, Golden Willow Poland-China Swine, CANISTOTA, S. D.
 GRAVES, C. E., "Sprucelawn" Duroc-Jerseys, FULTON, S. D.
 GROTH, H. E., Aberdeen-Angus Cattle, FAIRVIEW, S. D.

HILL, W. S., Pure-bred Red Polled Cattle, ALEXANDRIA, S. D.
 HILMOE, JOHN, "Pioneer Hill" Poland-Chinas, R. 4, COLMAN, S. D.
 HOMMERSAND, M. A., Pure-Bred Percheron Horses, ARLINGTON, S. D.
 IVERSON BROS., Salesmen Pure-Bred Stock, Box 17, SIOUX FALLS, S. D.
 JACKSON & WHITE, Urbandale Short-horns, HURLEY, S. D.
 JACOBUS, L. B., Hereford Cattle and Duroc Swine, LETCHER, S. D.
 KENWARD, P. O., Shorthorns and Poland-Chinas, BROOKINGS, S. D.
 KIRCHENMAN, T. H., Breeder of Big-Type Poland-Chinas, FREEMAN, S. D.
 KNUTSON, COL. HENRY, Live Stock and Real Estate Auctioneer, WAKONDA, S. D.
 KREGER, MRS. CHAS., XL Hereford (Breeding) Ranch, WATERTOWN, S. D.
 LANGLEY, S. R., Pure-bred Shropshire Sheep, WITEN, S. D.
 LARSON, JACOB, Breeder of Improved Duroc-Jersey Swine, ETHAN, S. D.
 LARSON, O. S., Big-Type Poland-Chinas, MT. VERNON, S. D.
 LIEN BROS., Duroc Jerseys and Short-horns, PLATTE, S. D.
 LINDBERG, A. V., Breeders of Duroc-Jerseys, R. 1, LANGFORD, S. D.
 LUND, J. N. P., Breeder of Duroc-Jersey Swine, GAYVILLE, S. D.
 McPHERSON, R. B., Pure-Bred Hereford (Anxiety) Cattle, STURGIS, S. D.
 MAGNESS BROS., Auctioneers Pure-Bred Live Stock, ST. LAWRENCE, S. D.
 MAGNESS, DICK, Pure-Bred Live Stock Auctioneer, DE SMET, S. D.
 MANDEVILLE, M. M., Oakdale Aberdeen-Angus Cattle, AURORA, S. D.
 MATSON, W. L., Breeder of Duroc-Jersey Swine, VERMILLION, S. D.
 METTLER, ANDREW J., Clover Leaf Hereford Cattle, MENNO, S. D.
 NASH, HUGH B., Pure-Bred Duroc-Jersey Swine, REDFIELD, S. D.
 NELSON, CHRIS. T., Duroc-Jersey Swine, R. 2, VERMILLION, S. D.
 NIMS, F. L., Breeder of Riverside Duroc-Jersey Swine, CANTON, S. D.
 PENALUNA, J. S., & SON, Angus Cattle and Duroc Swine, LETCHER, S. D.
 PETTIGREW, CHARLES E., & SON, Polled and Horned Herefords, FLANDREAU, S. D.
 PINARD, L. A., Pure-Bred Hereford Cattle, WESSINGTON SPRINGS, S. D.
 PLAINVIEW STOCK FARM (Fargo & Myers, Props.), Mule-Foot Hogs, REDFIELD, S. D.
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THE FRUITS OF THE EARTH.

Some years ago this picture was taken in the orchard of Mr. A. Nelson, of Lebanon, Mo., a prominent farmer in Missouri.



DUTCH BELTED CATTLE.

This picture was taken on the farm of Mr G. G. Gibbs, of Marksboro, N. J. Dutch Belted cattle are the favorite breed of the Nobility of the Netherlands.

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- MOLINE WAGON COMPANY, Mfrs. of Farm Wagons, MOLINE, ILL.
- MONEYWORTH WHOLESALE GROCERIES, 14th and Ashland, CHICAGO, ILL.
- MONITOR STOVE AND RANGE COMPANY, Pipeless Caloric Furnace, Gest st., CINCINNATI, OHIO.
- MONMOUTH PLOW COMPANY, Agricultural Implements, MONMOUTH, ILL.
- MONTGOMERY WARD & CO., Mail Order Merchandise, CHICAGO, ILL.
- MONTRUSS METAL ROOFING COMPANY, 107 Erie st., CAMDEN, N. J.
- MONUMENTAL BRONZE CO., Howard Ave. and Sherry, BRIDGEPORT, CONN.
- MOORMAN MFG. COMPANY, Mineral Swine Remedy, QUINCY, ILL.
- MORRILL & WORLEY MFG. CO., Eclipse Spray Pump, BENTON HARBOR, MICH.
- MUELLER (L. J.) FURNACE CO., Pipeless Furnace, Reed St., MILWAUKEE, WIS.

MUELLER—THE FRED MUELLER
SADDLE AND HARNESS COMPANY, 1413
Larimer St., DENVER, COLO.

MULLIKEN, S. A., COMPANY, Publishers
of Farm Books, Union St., MARIETTA, OHIO.

MUNSON MFG. COMPANY, Mfrs. of Daisy
Cultivator Shields, WINTERSET, IOWA.

MYERS, DR. WM. S., Nitrate of Soda, 25
Madison Ave., NEW YORK, N. Y.

MYERS—F. E. MYERS & BRO., Pump
and Hay Tools, ASHLAND, O.

NASH—DUANE H. NASH, INC., Acme
Pulverizing Harrows, MILLINGTON, N. J.

NATIONAL CORRUGATED CULVERT
COMPANY, Mfrs. of Rust Proof Iron Cul-
verts, MIDDLETOWN, O.

NATIONAL FIRE PROOFING COMPANY,
Mfrs. of Drain Tiles, PITTSBURGH, PA.

NATIONAL INCUBATOR COMPANY, Mfrs.
of Incubators and Brooders, RACINE, WIS.

NATIONAL LEAD COMPANY, Paints,
Etc., 111 Broadway, NEW YORK, N. Y.

NATIONAL PLANT FOOD COMPANY,
"Red Snapper" Plant Fertilizers,
EAU CLAIRE, WIS.

NATIONAL PRODUCTS CO., Capital National
Bank Bldg., ST. PAUL, MINN.

NATIONAL STEEL PRODUCTS CO.,
Metal Cribs and Bins, MANSFIELD, OHIO.

NATIONAL TILE SILO CO., 511 R. A.
Long Bldg., KANSAS CITY, MO.

National Refining Co., Oils, Cleveland, Ohio.

NEVERSLIP MFG. COMPANY, "Red Tip
Calks," NEW BRUNSWICK, N. J.

NEW ALBANY BOX AND BASKET CO.,
Fruit Packages, NEW ALBANY, IND.

NEWCOMB LOOM COMPANY, 434 Taylor
St., DAVENPORT, IA.

NEW IDEA SPREADER COMPANY, Mfrs.
of Manure Spreaders, COLDWATER, O.

NEW-WAY MOTOR COMPANY, "New-
Way" Binder Engine, LANSING, MICH.

NICHOLS & SHEPARD CO., Builders of
Red River Special Threshers, Wind Stackers,
Feeders, Steam Traction Engines and Oil
Gas Tractors, BATTLE CREEK, MICH.

NITRO-PHOSPHO CORPORATION, Bac-
terial Soil Vitalizer, RICHMOND, VA.

NORDYKE & MARMON CO., French Buhr
Grinding Mills, INDIANAPOLIS, IND.

NORTH COAST TANNING COMPANY,
Buyers of Hides, Ballard Station,
SEATTLE, WASH.

NORTH PACIFIC CONSTRUCTION COM-
PANY, Ready Built Houses, Barns, Etc.,
CENTRALIA, WASH.

NORTHWEST CREAMERY SUPPLY CO.,
306 Second Ave., SEATTLE, WASH.

NOVELTY IRON WORKS, Mfrs. of the
Handy Hog Waterer, STERLING, ILL.

NOVELTY MFG. COMPANY, Mfrs. of
Novelty Churns, ABINGDON, ILL.

OAKLAND MOTOR CAR COMPANY,
"Oakland Sensible Six," PONTIAC, MICH.

OHIO CARRIAGE COMPANY, Split Hick-
ory Buggies, Station 8, COLUMBUS, O.

OLIVER CHILLED PLOW WORKS, Mfrs.
of Gang Plows, SOUTH BEND, IND.

OLIVER TYPEWRITER COMPANY, 159
North Dearborn, CHICAGO, ILL.

O'NEIL IMPLT. MFG. CO., Flying Swede
Cultivators, Etc., Traders Building,
KANSAS CITY, MO.

OTTAWA MFG. CO., Kerosene and Other
Engines, 955 Union St., OTTAWA, KAS.

OVERLAND SHOE CO., Mfrs. of Alumi-
num Shoes, RACINE, WIS.

OWENSBORO DITCHER AND GRADER
CO., Mfrs. of The MARTIN Farm Ditchers,
Terracers and Graders, OWENSBORO, KY.

PACIFIC COAST BORAX COMPANY, Soap
Chips, 100 William St., NEW YORK, N. Y.

PACKARD MOTOR CAR COMPANY, Mfrs.
of the Packard Auto Car, DETROIT, MICH.

PAIGE-DETROIT MOTOR CAR COM-
PANY, McKinstry Ave., DETROIT, MICH.

PARKE, DAVIS & COMPANY, Manufact-
uring Chemists and Scientific Producers of
Veterinary Remedies, Vaccines, Etc.,
DETROIT, MICH.

PARLIN & ORENDORFF CO., Full Line
of Farm Implements, CANTON, ILL.



LIGHT DRAFT PLOWS,

Harrows, Corn and Cotton Planters,
Cultivators, Etc.

Parlin & Orendorff Co.

CANTON, ILLINOIS.



PARRETT TRACTOR COMPANY, Farm
Tractor, Fisher Bldg., CHICAGO, ILL.

PECH—GUS PECH FOUNDRY AND MFG.
CO., Mfrs. of Well Drills, LE MAR, IOWA.

PEORIA DRILL AND SEEDER COM-
PANY, Seeding Machines, PEORIA, ILL.

PERFECTION MFG. CO., Mfrs. of the
"Perfection Milker," MINNEAPOLIS, MINN.

Perkins Windmill Co., Mishawaka, Ind.

PERTH AMBOY CHEMICAL WORKS,
"Formaldehyde," 100 William St.,
NEW YORK, N. Y.

PETALUMA INCUBATOR CO., Incuba-
tors and Brooders, PETALUMA, CALIF.

PHILIP BERNARD COMPANY, Mfrs. of
Sun-Line Windows, SIOUX CITY, IA.

PHILLIPS & BUTTORIF MFG. COMPANY,
Enterprise Cannery, NASHVILLE, TENN.

PIONEER DISTRIBUTING COMPANY,
Fresh Crude Oil, MONTEPELIER, IND.

PITMAN-MOORE COMPANY (Harry C.
Moore, President), Pitman-Moore Simulta-
neous Serum Treatment For Hogs,
INDIANAPOLIS, IND.

PLYMOUTH CORDAGE CO., Mfrs. of
Binder Twine, NORTH PLYMOUTH, MASS.

PORTABLE ELEVATOR MFG. COM-
PANY, Grain Elevators, BLOOMINGTON, ILL.

PORTER—J. E. PORTER & CO., Mfrs. of
Hay Carriers, OTTAWA, ILL.

POTATO MACHINERY MFG. CO., Mfrs.
of Potato Flour and Starch Machinery,
MINNEAPOLIS, MINN.

POUNDER, G. H., Mfr. of Farm Harrows,
FORT ATKINSON, WIS.

POWHATAN LIME CO., the Purest Lime,
STRASBURG JUNCTION, VA.

PRATT—B. G. PRATT CO., Mfrs. of Tree
Sprays, 50 Church St., NEW YORK, N. Y.

PRATT FOOD COMPANY, Stock Foods,
130 Walnut St., PHILADELPHIA, PA.

PRESTON—J. M. PRESTON CO., Mfrs. of
Vitrified Tile Silos, LANSING, MICH.

PRISMOLITE COMPANY, Automobile
Lights, 4th and Gay Sts., COLUMBUS, OHIO.

PROCESS MFG. COMPANY, Mfrs. of Corn
Harvester, SALINA, KAS.

PROGRESSIVE INCUBATOR COMPANY,
Box 194, RACINE, WIS.

PULLMAN COMPANY, THE, Operators
of Sleeping Cars, CHICAGO, ILL.

PURITY BIOLOGICAL LABORATORIES,
W. J. Kennedy, President and Manager, Germ
Free Blackleg Vaccine, SIOUX CITY, IOWA.

PUTNEY STEPHEN SHOE COMPANY,
the Battle Axe Shoe, RICHMOND, VA.

QUINN WIRE AND IRON WORKS, Wire
Fencing, BOONE, IA.

- RACINE RUBBER COMPANY, Mfrs. of Automobile Tires, RACINE, WIS.
- RAHE'S AUTO TRAINING SCHOOL, 2727 Oak St., KANSAS CITY, MO.
- RAYO INCUBATOR COMPANY, U. D. Station 5565, OMAHA, NEB.
- REED MFG. COMPANY, Weaving Rug Machines, Box 90, SPRINGFIELD, O.
- Reliable Incubator & Brooder Co., Quincy, ILL.
- RELIANCE ENGINEERING CO., Mfrs. of Farm Engines, LANSING, MICH.
- RENFREW MACHINERY CO., Mfrs. of Renfrew Cream Separator, MILWAUKEE, WIS.
- Reo Motor Car Co., Lansing, Mich.
- REPUBLIC FENCE AND GATE CO., Gates and Fencing Mfrs., NORTH CHICAGO, ILL.
- REPUBLIC MOTOR TRUCK COMPANY, INC., ALMA, MICH.
- RICE, A. L., Mfr. of Paint Without Oil, ADAMS, N. Y.
- RICHMOND BAG COMPANY, Money in Old Bags, RICHMOND, VA.
- RILEY HAUK-VOGELSANG SUPPLY CO., Dairy Sup., 3d and Vine Sts., ST. LOUIS, MO.
- RIPPLEY HARDWARE COMPANY, Feed Cookers, Etc., GRAFTON, ILL.
- R. K. TIRE COMPANY, 837 North Broad St., PHILADELPHIA, PA.
- ROBERTS—DR. DAVID ROBERTS VETERINARY COMPANY, WAUKESHA, WIS.
- ROCKFORD WELL DRILL CO., Machinery For Well Boring, ROCKFORD, ILL.
- ROCK ISLAND PLOW COMPANY, Agricultural Implements, ROCK ISLAND, ILL.
- ROSENBLATT, S., Leaf Tobacco For Sale, HAWESVILLE, KY.
- ROSS—E. W. ROSS COMPANY, Mfrs. of Wood Stave Silos, SPRINGFIELD, O.
- ROUSE, J. W., Bee Supplies, Bees, Queens, Honey, MEXICO, MO.
- ROWE MANUFACTURING COMPANY, Mfrs. of "Can't Sag" Gates and New Idea Hog Oilers, GALESBURG, ILL.
- ROYSTER (F. S.) GUANO CO., Mfrs. of Special Fertilizers, TOLEDO, OHIO.
- ROWE SANITARY MFG. CO., Mfrs. of Indoor Closets, 210 6th Ave., DETROIT, MICH.
- RUSLER COMPANY, Sprayers and Auto Washers, JOHNSTOWN, O.
- RUSSIA CEMENT CO., Mfrs. of LePage's China Cement, GLOUCESTER, MASS.
- SALEM MFG. COMPANY, Mfrs. of Land Plaster Sower, SALEM, OREGON.
- SANDUSKY CEMENT COMPANY, Build With Cement, Building Booklets Free, CLEVELAND, OHIO.
- SAXON MOTOR CAR COMPANY, Mfrs. of the Saxon Automobile, DETROIT, MICH.
- SCHOEN & GORDON, Mfrs. of Peanut Sheller, Healey Bldg., ATLANTA, GA.
- SEARS, ROEBUCK & CO., Merchandise By Mail Order, CHICAGO, ILL.
- SECURITY LIGHTNING ROD CO., Lightning Protection, BURLINGTON, WIS.
- SERVICE AUTO EQUIPMENT COMPANY, Tires, Traders' Bldg., KANSAS CITY, MO.
- SHARPLES SEPARATOR CO., Suction Feed Separators and Milking Machines, WEST CHESTER, PA.
- SHAW MFG. COMPANY, The Shaw Motor-bicycle, GALESBURG, KAS.
- SHAW WIRE FENCE CO., Mfrs. of the Shaw Fence, COLUMBUS, OHIO.
- SHELDON MFG. COMPANY, Mfrs. of Concrete Mixer, NEWHAWK, NEB.
- Sherwin-Williams Co., Paints, Cleveland, Ohio.
- SHORES-MUELLER CO., Household and Farm Necessities, CEDAR RAPIDS, IA.
- SILLO SPECIALTY MFG. COMPANY, Mfrs. of Silos and Equipments, CLINTON, IA.
- SILVER—THE SILVER MFG. COMPANY, Silo Fillers and Feed Cutters, SALEM, OHIO.
- SIMPLEX FARM DITCHER COMPANY, Road Graders, Levels, Etc., OWENSBORO, KY.
- SIMPLEX MFG. COMPANY, Starters For Ford Cars, ANDERSON, IND.
- SIMPLEX SPREADER CO., Straw Spreader, Traders Bldg., KANSAS CITY, MO.
- SIMPLEX SUPPLY HOUSE, Poultry Supplies, 13 Pontiac Bldg., CHICAGO, ILL.
- SKAT COMPANY, THE, Mfrs. of Soaps, 791 Park St., HARTFORD, CONN.
- SLENKER, O. L., Buyer of Raw Furs, EAST LIBERTY, OHIO.
- SMITH MOTOR TRUCK CORPORATION, Michigan Blvd. and 16th St., CHICAGO, ILL.
- SMITH—W. SMITH GRUBBER COMPANY, Stump Pullers, LA CRESCENT, MINN.
- SMYTH, JOHN M., & CO., Mail Order Mds., 701 Washington Blvd., CHICAGO, ILL.
- SNODDY—DR. D. C. SNODDY CO., Swine Remedy, ST. LOUIS, MO.
- SOIL IMPROVEMENT COMMITTEE, Fertilizer Information, Dept. 11, Postal Telegraph Bldg., CHICAGO, ILL.
- SOLVAY PROCESS CO., Pulverized Lime-stone, Delray, DETROIT, MICH.
- SOMERS, HAROLD, Mfr. of the Daisy Fly Killer, 150 DeKalb Ave., BROOKLYN, N. Y.
- SONNEBORN—HENRY SONNEBORN & CO., INC., Styleplus Clothes For Farmers, Send For Styleplus Book, BALTIMORE, MD.
- South Bend Chilled Plow Co., South Bend, Ind.
- SOUTHERN PINE ASSOCIATION, representing Yellow Pine Construction, Interstate Bank Bldg., NEW ORLEANS, LA.
- SOUTHERN PLOW COMPANY, Agricultural Implants, 618 Elm st., DALLAS, TEXAS.
- SPARTAN MFG. CO., Agricultural Implements, PONTIAC, ILL.
- SPERRY—D. R. SPERRY & CO., Steam Cookers, BATAVIA, ILL.
- SPOTLESS—THE SPOTLESS CO., South's Mail Order House, RICHMOND, VA.
- STAHL (WM.) SPRAYER COMPANY, Outfits and Mixtures, QUINCY, ILL.
- STAMPING AND TOOL COMPANY, Mfrs. of Corn Planter Gauge, LA CROSSE, WIS.
- STANDARD CHEMICAL COMPANY, "Carco" Vegetable Spray, TACOMA, WASH.
- STANDARD OIL CO. (INDIANA), Polarine Motor Oil and Standard Gas Engine and Tractor Oil, 72 W. Adams St., CHICAGO, ILL.
- STANDARD SANITARY MFG. CO., Standard Plumbing Fixtures, PITTSBURGH, PA.
- STANDARD SUPPLY HOUSE, Wire Fence, Roofing, Etc., NOBLESVILLE, IND.
- STAR PEA HULLER CO., Pea Huller Perfection, CHATTANOOGA, TENN.
- Staudt Mfg. Co., Tractor Parts, St. Paul, Minn.
- STEINMESCH FEED AND POULTRY SUPPLY CO., 10 N. 4th St., ST. LOUIS, MO.
- STEWART - WARNER SPEEDOMETER CORPORATION, 1280 Diversey Parkway, CHICAGO, ILL.
- STORY & CLARK PIANO COMPANY, 317 South Wabash Ave., CHICAGO, ILL.
- STOVER MANUFACTURING CO., Wind-mills and Implements, FREEPORT, ILL.
- STRICKER, L. R., Cow Peas and Soy Beans, ASHEVILLE, N. C.
- STURGIS & BURN MFG. CO., Dairy Supplies, Harrison and Green, CHICAGO, ILL.
- SUNSHINE SAFETY LAMP COMPANY, 1005 McGee, KANSAS CITY, MO.
- SUPERIOR FEEDER COMPANY, Hog Self Feeders, LA FAYETTE, IND.
- SURE HATCH INCUBATOR COMPANY, Incubators and Brooders, FREMONT, NEB.
- SWARTZ ELECTRIC CO., Home Lighting Plants, Speedway, INDIANAPOLIS, IND.
- SWAYNE, ROBINSON & CO., "Money Maker" Silage Cutter, RICHMOND, IND.
- SWEDISH SEPARATOR COMPANY, Mfrs. of the Viking Cream Separator, 515 South Fifth Ave., CHICAGO, ILL.
- SWEENEY AUTO SCHOOL, 1108 East 15th St., KANSAS CITY, MO.
- SWEET FEED MANUFACTURERS' ASSOCIATION, MEMPHIS, TENN.
- SWIFT & CO., Fertilizer Dept., Union Stock Yards, CHICAGO, ILL.
- Taber Lumber Co., Silos, Etc., Keokuk, Iowa.
- TEXAS COTTON SEED CRUSHERS' ASSOCIATION, 909 Main St., DALLAS, TEX.

THOMAS MFG. COMPANY, Agents' Supplies,
DAYTON, O.

TIDE WATER OIL CO., Veedol Dept.,
Bowling Green Bldg., NEW YORK, N. Y.

TIMKIN ROLLER BEARING COMPANY,
Mfrs. of Axle Bearings, CANTON, O.

TOLEDO COOKER COMPANY, The Con-
servo Cooker, TOLEDO, OHIO.

TOWER—A. J. TOWER CO., Mfrs. of Fish
Brand Slickers, BOSTON, MASS.

TOWER—J. D. TOWER & SONS COM-
PANY, Mfrs. of Cultivators, MENDOTA, ILL.

TRACY FEEDER CO., Mfrs. of the Traco
Automatic Hog Feeder, WATERLOO, IA.

TROY CHEMICAL COMPANY, Veterinary
Remedies, BINGHAMTON, N. Y.

TURNER MFG. COMPANY, Simplicity
Tractors, PORT WASHINGTON, WIS.

TUTTLE TRACTOR COMPANY, Mfrs. of
Hay Balers, LEAVENWORTH, KAS.

TWEED SYSTEM COMPANY, INC., Pub-
lishers of Loose Leaf Farm Records, 99 Ship
St., PORTLAND, ORE.

ULRICH MFG. CO., Cultivators and Weed-
ers, 23 River St., ROCK FALLS, ILL.

UNADILLA SILO COMPANY, Mfrs. of
Silos and Ladders, UNADILLA, N. Y.

UNION CARBIDE SALES COMPANY, 42d
St. Bldg., NEW YORK, N. Y.

UNION LUMBER COMPANY, Tung-Lok
Elevators, UNION MILLS, WASH.

UNION METALLIC CARTRIDGE COM-
PANY, Woolworth Bldg., NEW YORK, N. Y.

UNITED STATES RUBBER CO., Mfrs. of
Endless Stitched Belting For Farm Work,
58th St. and Broadway, NEW YORK, N. Y.

U. S. SAFETY GAS MACHINE CO., Main
and Southern R. R., BELLEVILLE, ILL.

UNITED STATES STOKS FOOD CO., 21st
and Manchester, KANSAS CITY, MO.

U. S. WIND ENGINE AND PUMP COM-
PANY, BATAVIA, ILL.

UNIVERSAL MARKING DEVICE COM-
PANY For Sheep, CASPER, WYO.

UNIVERSAL SHOE COMPANY, Style Shoes
For Farmers and Wives, 15 Park Row,
NEW YORK, N. Y.

UTICA DROP FORGE AND TOOL CO.,
Farm Tools, 2800 Whitesboro, UTICA, N. Y.

VACUUM OIL COMPANY, Lubricating
Oils, ROCHESTER, N. Y.

VEGA SALES COMPANY, Milwaukee
Cream Separator, FOSTORIA, O.

VELIE MOTOR VEHICLE COMPANY,
Mfrs. of the "Velie Car," MOLINE, ILL.

VERMONT FARM MACHINE COMPANY,
U. S. Cream Separators and Lighting Plants,
BELLOWS FALLS, VERMONT.

VERTREES, W. J., Fencing and Tanks,
BUSHNELL, ILL.

VICTOR PEA HULLER COMPANY, Hulls
Peas and Beans, Station A, ATLANTA, GA.

VIRGINIA CAN COMPANY, Cans For
Home Canning, BUCHANAN, VA.

VIRGINIA-CAROLINA CHEMICAL COM-
PANY, Farm Fertilizers, RICHMOND, VA.

WADE—R. M. WADE & CO., "Gasoline
Wood Saw," PORTLAND, ORE.

WALSH HARNESS COMPANY, Harness
Direct From Factory, MILWAUKEE, WIS.

WARD FENCE MFG. COMPANY, Wire
and Ornamental, DECATUR, IND.

WARD TRACTOR COMPANY, Mfrs. of
Transmission of Power to Work Ford Cars,
LINCOLN, NEB.

WARSAW-WILKINSON CO., Climax En-
silage Cutter, WARSAW, N. Y.

WASHINGTON MACHINE AND SUPPLY
COMPANY, Mfrs. of Elevating Machinery
for Elevating Bulk Grain, SPOKANE, WASH.

WASSON MFG. COMPANY, Mfrs. of Hog
Oiler, PEORIA, ILL.

WATERLOO GASOLINE ENGINE COM-
PANY, Mfrs. of Waterloo Boy Tractor,
WATERLOO, IA.

WATKINS MFG. COMPANY, Grain Cleaner
and Grader, WICHITA, KAS.

WAVERLY SUPPLY COMPANY, Mail Order
Premium Goods, MONONGAHELA, PA.

WEBER IMPT. AND AUTO CO., Farm
Implements and Autos, 1900 Locust St.,
ST. LOUIS, MO.

WEED CHAIN TIRE GRIP COMPANY,
"Auto Chains," BRIDGEPORT, CONN.

WELLS ESTATE, E. S., Rough on Rats,
706 Grand St., JERSEY CITY, N. J.

WERTHAN BAG COMPANY, Buys and
Sells Bags, 70 Dock St., ST. LOUIS, MO.

WEST JERSEY MARL AND TRANS.
COMPANY, Agricultural Fertilizer, 17
Cooper St., WOODBURY, N. J.

WESTERN ELECTRIC COMPANY, 195
Broadway, NEW YORK, N. Y.

WESTERN LAND ROLLER CO., Mfrs. of
Western Pulverizer, HASTINGS, NEB.

WHEELER & WILSON MFG. COMPANY,
Sewing Machines, BRIDGEPORT, CONN.

WIDHELM REMEDY AND MFG. CO.,
Stock Remedies and Feeder Supplies,
FREMONT, NEB.

WILCOX & HARVEY MFG. COMPANY,
Mfrs. of the "Stay There" Ear Marker For
Stock, 564 W. Randolph St., CHICAGO, ILL.

WILKENS & BIEHL, Lime For Agri-
culture, GALVESTON, TEXAS.

WILLIAMSON MFG. CO., Mfrs. of Light-
ning Healing Powder, SHEFFIELD, ILL.

WILLIAMS—THE J. B. WILLIAMS COM-
PANY, Soaps, GLASTONBURY, CONN.

WILLYS-OVERLAND COMPANY, "The
Overland Car," TOLEDO, O.

WINCHESTER REPEATING ARMS COM-
PANY, NEW HAVEN, CONN.

WITTE ENGINE WORKS, Kerosene, Gas-
olene, Distillate or Gas Engines, 1724 Oak-
land Ave., KANSAS CITY, MO.

WITIG F. & CO., Mfrs. of Charcoal For
Hogs, 3000 Lisbon Ave., MILWAUKEE, WIS.

WORTHINGTON PUMP AND MACHIN-
ERY CORP., Type W Engines, CUDAHY, WIS.

WYATT MANUFACTURING CO., Stackers
and Rakes, SALINA, KAS.

YOUNG (L. A.) INDUSTRIES COMPANY,
Belt Power, DETROIT, MICH.

YUBA MANUFACTURING COMPANY,
Tractor Mfrs., SAN FRANCISCO, CALIF.

X-RAY INCUBATOR COMPANY, Incu-
bators and Brooders, DES MOINES, IA.
Zimmerman Steel Co., Stp. Pullers, Bettendorf, Ia.

ACREAGE OF TOMATOES.

The following table shows in a general
way the number of factories canning toma-
toes in each state, also the number of acres
contracted for in 1917 and 1918:

State.	Factories Reporting.	
	Num- ber.	Acres, 1917. 1918.
ARKANSAS.....	12	1,830 2,157
CALIFORNIA.....	88	20,977 28,906
COLORADO.....	13	1,672 1,926
DELAWARE.....	59	11,905 9,182
ILLINOIS.....	20	2,543 3,173
INDIANA.....	146	41,530 44,358
IOWA.....	14	2,550 2,267
KENTUCKY.....	19	3,832 7,629
MARYLAND.....	293	43,657 35,185
MICHIGAN.....	25	3,336 3,510
MISSOURI.....	81	11,580 12,018
NEW JERSEY.....	51	17,355 17,422
NEW MEXICO.....	4	1,016 950
NEW YORK.....	57	8,867 8,162
OHIO.....	57	6,752 7,380
OREGON.....	5	157 199
PENNSYLVANIA.....	17	1,515 1,605
TENNESSEE.....	18	3,361 3,414
UTAH.....	25	3,150 4,639
VIRGINIA.....	377	18,142 17,737
WEST VIRGINIA.....	11	851 746
WISCONSIN.....	4	242 255
ALL OTHER.....	18	654 1,070
United States.....	1,399	207,674 213,890

BROOM CORN IN ARGENTINE.

Broom corn in Argentine, according to an
estimate of the American Consul-General at
Buenos Aires, averages about 14,300 short
tons, produced from about 25,000 acres. Local
consumption is given as about 11,000 tons
and exportable surplus as 3,300.

LIVE STOCK DIRECTORY.

This is practically the beginning of the Live Stock Breeders' Directory of the United States, including active auctioneers, some of whom are also breeders. Most of the breeders whose names appear are paid subscribers to Agricultural Statistics. The few others put in as sample entries are solicited.

The expense of two lines appearing in all editions a full year, including a year's subscription to Agricultural Statistics, is one dollar. If three lines are necessary, the price is \$1.50, and fifty cents additional is added for each extra line. One-inch single-column display advertising card is \$6.00 a year.

ALABAMA.

ASHBURN, W. A., Breeder of Pure-Bred Poland-China Swine, ARAB, ALA.
 AVANT, RALPH, Breeder of Pure-Bred Poland-China Swine, LUVERNE, ALA.
 BALENTINE, J. R., Breeder of Pure-Bred Shorthorn Cattle, CLOVERDALE, ALA.
 BARR, G. A., Breeder of Pure-Bred Poland-China Swine, HUNTSVILLE, ALA.
 CHILES, W. C., Breeder of Pure-Bred Berkshire Swine, EUTAW, ALA.
 CLAYTON, W. S., Breeder of Pure-Bred Poland-China Swine, COLLINSVILLE, ALA.
 COLLINS, GEO. M., Breeder of Pure-Bred Shorthorn Cattle, CARROLLTON, ALA.
 COOK—W. E., Speckled Velvet Seed Beans, EVERGREEN, ALA.
 CRABB, MORTON C., Breeder of Pure-Bred Shorthorn Cattle, GALLION, ALA.
 DAVIDSON, JAS. P., Breeder of Pure-Bred Shorthorn Cattle, UNIONTOWN, ALA.
 DUNN, JESSE, Breeder of Pure-Bred Poland-China Swine, CORONA, ALA.
 ECHO VALLEY FARM, Choice Duroc-Jersey Swine, SAFFORD, ALA.
 FAIRMONT FARM, T. C. Hudmon, Owner, Berkshire Swine, OPELIKA, ALA.
 FARRIOR, J. B., Pure-Bred Poland-China Hogs, FORT DEPOSIT, ALA.
 FENNEL, JOHN F., Breeder of Pure-Bred Shorthorn Cattle, LEIGHTON, ALA.
 FORD, CHAS., Fordland Stock Farm, Tamworth Swine, R.R. 2, GALLION, ALA.
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lated statements so that they will be
found at a glance, but we can index
them and we have done so thoroughly.

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this publication in a very compre-
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will not appear again, but will be
indexed in future editions. We repeat
some tables because it is necessary to
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them.

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Agricultural Statistics are quite satis-
factory for all business purposes.

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Every state has a place in this
publication, showing the number of
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of farms, live stock on hand, 1916,
1917, 1918 and 1919, also the crops
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way for comparisons by publishing
more statistics relating to the 1899-
1909 enumerations, so that compar-
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we get the 1919 census figures.

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tics** remain from one issue to an-
other. Important matter should be
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more valuable cannot be found.

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thought fit to supply each of their
traveling salesmen with a copy of
Agricultural Statistics, so that they
can answer questions which are put
to them day after day.

Changing Figures and Estimates.

Apparent discrepancies in this
publication may grow out of the fact
that in December, 1918, the **Agricul-
tural Department** at Washington will
change figures that were estimated in
December, 1917. We do not like to
change figures a year after a crop is
harvested.

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BUCKWHEAT CROP OF 1918.

State.	Per Cent. Pro-	
	Planted, of	duction,
	Acre. 1917.	Bushels.
CONN.....	3,000 108	59,000
DEL.....	3,000 105	57,000
I.L.....	4,000 101	79,000
IND.....	14,000 135	235,000
IOWA.....	16,000 150	250,000
MAINE.....	16,000 110	454,000
MD.....	11,000 102	201,000
MASS.....	2,000 105	34,000
MICH.....	77,000 103	1,063,000
MINN.....	11,000 100	201,000
MISS.....	6,000 95	63,000
NEB.....	2,000 100	40,000
N. H.....	2,000 110	52,000
N. J.....	17,000 105	293,000
N. Y.....	330,000 100	5,577,000
N. C.....	14,000 115	274,000
OHIO.....	26,000 105	499,000
PENN.....	368,000 105	7,392,000
TENN.....	4,000 112	70,000
VT.....	14,000 110	310,000
VA.....	33,000 101	743,000
W. VA.....	47,000 104	1,092,000
WIS.....	25,000 108	430,000
U. S.....	1,045,000	19,473,000
Latest.....	1,040,000	17,182,000

Eclipse was foaled during the eclipse of the year 1764; the most wonderful horse ever produced on the English turf; bred by the Duke of Cumberland; got by Marske, a grandson of Bartlett's Childers, out of Spiletta. "He puffed and blowed like an otter and galloped as wide as a barn door."

THE UNITED STATES.

Number of Farms, Average Size and Farm Population.

These figures are from the United States Census, the latest available that can be relied upon, since then the only change of importance has been the increase of about ten per cent. in population and probably in farms.

State.	No. of Farms in State.	Acres. Average.	Population, 1910.
ALA..	262,901	78.9	1,767,663
ARIZ..	9,227	135.1	141,004
ARK..	214,678	81.1	1,371,768
CALIF..	88,791	316.7	907,810
COLO..	46,170	293.1	394,184
CONN..	26,815	81.5	114,917
DEL..	10,836	95.9	105,237
D. C..	217	27.9	1,000
FLA..	50,016	105.6	533,539
GA...	291,027	92.6	2,070,471
IDAHO..	30,807	171.5	255,696
ILL..	251,872	129.1	2,161,662
IND..	215,485	98.8	1,557,041
IOWA..	217,044	156.3	1,544,717
KAS...	177,841	244.0	1,107,159
KY...	259,185	85.6	1,734,463
LA...	120,516	86.6	1,159,872
MAINE..	60,016	104.9	360,923
MD...	48,923	103.4	637,154
MASS..	36,917	77.9	241,049
MICH..	206,960	91.5	1,483,129
MINN..	156,137	177.3	1,225,414
MISS..	274,382	67.6	1,589,803
MO...	277,244	124.8	1,894,518
MONT..	26,214	516.7	242,633
NEB...	129,678	297.8	881,362
NEV...	2,689	1,009.6	68,508
N. H..	27,053	120.1	175,473
N. J..	33,487	76.9	629,957
N. M..	35,676	315.9	280,730
N. Y..	215,597	102.2	1,928,120
N. C..	253,725	88.4	1,887,813
N. D..	74,360	382.3	513,820
OHIO..	272,045	88.6	2,101,978
OKLA..	190,192	151.7	1,337,000
OREGON	45,502	256.8	365,705
PENN..	219,295	84.8	3,034,444
R. I..	5,292	83.8	17,956
S. C..	176,434	76.6	1,290,568
S. D..	77,644	335.1	507,215
TENN..	246,012	81.5	1,743,744
TEXAS..	417,770	269.1	2,958,438
UTAH..	21,676	156.7	200,417
VT...	32,709	142.6	187,013
VA...	184,018	105.9	1,585,083
WASH..	56,192	208.4	536,460
W. VA..	96,685	103.7	992,877
WIS...	177,127	119.0	1,329,540
WYO..	10,987	71.7	102,744

Total..	6,361,502	49,348,883
Add..	636,150	4,934,888

Total.	6,997,652	54,283,771
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Development of Agriculture.

The following tabulated statement is for the purpose of placing before us in a simple manner the United States government estimate of values on the farm of the crops and live stock produced in the United States from 1879 to 1917. It also estimates the proportionate value of the crops and the value of live stock:

Year.	Total Value.	Value Per Cent. Crops.	Value Per Cent. Stock.
1879...	2,212,541,000	63.1	36.9
1889...	2,460,107,000	63.5	36.5
1897...	3,960,822,000	63.6	36.4
1898...	4,338,916,000	63.6	36.4
1899...	4,717,070,000	63.6	36.4
1900...	5,009,595,000	63.7	36.3
1901...	5,302,120,000	63.8	36.2
1902...	5,594,645,000	64.0	36.0
1903...	5,887,170,000	64.1	35.0
1904...	6,121,778,000	65.0	35.0
1905...	6,273,997,000	64.0	36.0
1906...	6,751,210,000	63.0	37.0
1907...	7,487,989,000	63.6	36.4
1908...	7,890,626,000	64.6	35.4
1909...	8,498,311,000	64.6	35.4
1910...	9,037,391,000	60.7	39.3
1911...	8,819,175,000	63.1	36.9
1912...	9,342,700,000	62.5	37.5
1913...	9,849,513,000	62.3	37.7
1914...	9,894,961,000	61.8	38.2
1915...	10,775,490,000	64.1	35.9
1916...	13,406,364,011	67.5	32.5
1917...	21,386,000,000	66.5	33.5
1918...	19,331,000,000	69.7	30.3

We solicit subscriptions to AGRICULTURAL STATISTICS. It is a quarterly publication. The subscription price is 50 cents a year. The last number is always the best.

Farms in the United States.

According to the last census the following is a brief summary of the number and size of all the farms in the United States. The average size is 138.1 acres, of which an average of 75.2 acres are improved and 62.9 acres are unimproved:

Number.	Extent.
18,033.....	Under 3 acres.
317,010.....	3 to 9 acres.
504,123.....	10 to 19 acres.
1,414,376.....	20 to 49 acres.
1,438,069.....	50 to 99 acres.
1,516,286.....	100 to 174 acres.
534,191.....	175 to 259 acres.
443,984.....	260 to 499 acres.
125,295.....	500 to 999 acres.
50,135.....	1,000 acres and over.

6,361,502 Farms in U. S., 1910.

It was The National Farmer and Stock Grower, published monthly at St. Louis, Mo., that started the agitation against the high rate of interest on farm loans.

CROP SUMMARY OF U. S.

Statement of Acreage and Yield of Principal Crops For Four Years and a Five-Year Average.

This is simply a brief tabulation which is comprehensive. It gives the U. S. totals, and the state tables on different pages will be found the crops of the different states.

THE CORN CROP.

Year.	Extent, Acres.	Acre, Bushels.	Production, Bushels.
1910.	104,035,000	27.7	2,886,260,000
1911.	105,825,000	23.9	2,531,488,000
1912.	107,083,000	29.2	3,124,746,000
1913.	105,820,000	23.1	2,446,988,000
1914.	103,435,000	25.8	2,672,894,000
1915.	106,197,000	28.2	3,054,535,000
1916.	105,296,000	24.4	2,583,241,000
1917.	119,755,000	26.4	3,159,494,000
1918.	107,494,000	24.0	2,582,814,000

THE WINTER WHEAT CROP.

1914.	36,008,000	19.0	684,999,000
1915.	41,308,000	16.2	673,947,000
1916.	34,709,000	13.8	480,553,000
1917.	27,430,000	15.2	418,070,000
1918.	36,704,000	15.2	558,449,000

THE SPRING WHEAT CROP.

1914.	17,533,000	11.8	206,027,000
1915.	19,161,000	18.3	356,460,000
1916.	17,607,000	8.8	158,142,000
1917.	18,511,000	12.6	232,758,000
1918.	22,406,000	16.0	358,651,000

TOTAL WHEAT CROP.

1910.	45,681,000	13.9	635,121,000
1911.	49,543,000	12.5	621,338,000
1912.	45,814,000	15.9	730,267,000
1913.	50,184,000	15.2	763,380,000
1914.	53,541,000	16.6	891,017,000
1915.	60,469,000	16.9	1,025,801,000
1916.	52,316,000	12.1	636,318,000
1917.	45,941,000	14.2	650,828,000
1918.	59,110,000	15.5	917,100,000

THE OATS CROP.

1910.	37,548,000	31.6	1,186,341,000
1911.	37,763,000	24.2	922,298,000
1912.	37,917,000	37.4	1,418,337,000
1913.	38,399,000	29.2	1,121,768,000
1914.	38,442,000	29.7	1,141,060,000
1915.	40,996,000	37.8	1,549,030,000
1916.	41,527,000	30.1	1,251,837,000
1917.	43,572,000	36.4	1,587,286,000
1918.	44,400,000	34.6	1,538,359,000

THE BARLEY CROP.

1910.	7,743,000	22.5	173,832,000
1911.	7,627,000	21.0	160,240,000
1912.	7,530,000	29.7	223,824,000
1913.	7,499,000	23.8	178,189,000
1914.	7,565,000	25.8	194,953,000
1915.	7,148,000	32.0	228,851,000
1916.	7,757,000	23.6	182,309,000
1917.	8,835,000	23.7	208,975,000
1918.	9,679,000	26.5	256,375,000

THE RYE CROP.

1910.	2,185,000	16.0	34,897,000
1911.	2,127,000	15.6	33,119,000
1912.	2,117,000	16.8	35,664,000
1913.	2,557,000	16.2	41,381,000
1914.	2,541,000	16.8	42,779,000
1915.	3,129,000	17.2	54,050,000
1916.	3,213,000	15.3	48,802,000
1917.	4,102,000	14.7	60,145,000
1918.	6,185,000	14.4	89,103,000

THE BUCKWHEAT CROP.

1910.	860,000	20.5	17,598,000
1911.	833,000	21.1	17,549,000
1912.	841,000	22.9	19,249,000
1913.	805,000	17.2	13,833,000
1914.	792,000	21.3	16,881,000
1915.	769,000	19.6	15,769,000
1916.	828,000	14.0	11,840,000
1917.	1,006,000	17.4	17,460,000
1918.	1,040,000	16.5	17,182,000

THE FLAXSEED CROP.

1910.	2,467,000	5.2	12,718,000
1911.	2,757,000	7.0	19,370,000
1912.	2,851,000	9.8	28,073,000
1913.	2,291,000	7.8	17,853,000
1914.	1,645,000	8.4	13,749,000
1915.	1,387,000	10.1	13,845,000
1916.	1,474,000	9.6	15,459,000
1917.	1,809,000	4.7	8,473,000
1918.	1,938,000	7.6	14,657,000

THE RICE CROP.

1910.	733,000	33.9	24,510,000
1911.	696,000	32.9	22,934,000
1912.	723,000	34.7	25,054,000
1913.	827,000	31.1	24,744,000
1914.	694,000	34.1	23,649,000
1915.	803,000	36.1	28,947,000
1916.	869,000	47.8	41,982,000
1917.	964,100	37.6	36,278,000
1918.	1,112,770	36.3	40,424,000

THE WHITE POTATO CROP.

1910.	3,720,000	93.8	349,082,000
1911.	3,619,000	80.9	292,737,000
1912.	3,711,000	113.4	420,647,000
1913.	3,668,000	90.4	331,525,000
1914.	3,711,000	110.5	409,921,000
1915.	3,734,000	95.5	359,103,000
1916.	3,565,000	80.4	285,437,000
1917.	4,390,000	100.8	442,536,000
1918.	4,210,000	95.0	400,106,000

THE SWEET POTATO CROP.

1910.	641,000	93.5	59,938,000
1911.	605,000	90.1	54,538,000
1912.	583,000	95.2	55,479,000
1913.	625,000	94.5	59,057,000
1914.	603,000	93.8	56,574,000
1915.	731,000	103.3	74,395,000
1916.	774,000	91.7	70,955,000
1917.	953,000	91.4	87,141,000
1918.	922,000	93.6	86,334,000

TAME HAY CROP—TONS.

1910.	51,015,000	1.36	69,370,000
1911.	48,240,000	1.14	54,916,000
1912.	49,530,000	1.47	72,691,000
1913.	48,954,000	1.31	64,116,000
1914.	49,145,000	1.43	70,071,000
1915.	55,721,000	1.64	89,991,000
1917.	53,516,000	1.49	79,528,000
1918.	55,971,000	1.35	75,459,000

WILD HAY CROP—TONS.

1915.	16,796,000	1.27	21,343,000
1916.	16,635,000	1.19	19,795,000
1917.	16,472,000	.94	15,402,000
1918.	15,283,000	.94	14,374,000

ALL KINDS OF HAY—TONS.

1914.	65,897,000		88,686,000
1915.	67,904,000		107,263,000
1916.	72,356,000		110,992,000
1917.	69,988,000		94,930,000
1918.	69,249,000		86,254,000
1918.	71,254,000		89,833,000

THE TOBACCO CROP—POUNDS.

1910.	1,336,000	807	1,103,415,000
1911.	1,013,000	893	905,109,000
1912.	1,226,000	785	962,885,000
1913.	1,216,000	784	953,734,000
1914.	1,224,000	845	1,034,679,000
1915.	1,370,000	775	1,060,587,000
1916.	1,413,800	815	1,150,622,000
1917.	1,447,000	827	1,196,451,000
1918.	1,549,000	865	1,340,019,000

THE COTTON CROP—BALES.

1910.	32,403,000	170.7	11,609,000
1911.	36,045,000	207.7	15,693,000
1912.	34,283,000	190.9	13,703,000
1913.	37,089,000	182.0	14,116,000
1914.	36,832,000	209.2	16,135,000
1915.	31,412,000	172.5	11,161,000
1916.	34,985,000	156.3	11,511,000
1917.	33,841,000	155.7	11,302,000
1918.	35,890,000	155.9	11,700,000

THE SUGAR BEET CROP—TONS.

1914.	483,400	11.6	5,585,000
1915.	611,000	10.4	6,462,000
1916.	665,308	9.3	6,228,000
1917.	665,400	9.2	5,980,000
1918.	502,100	9.8	5,822,600

CROP OF EDIBLE BEANS—Bushels.

1914.	875,000	13.2	11,585,000
1915.	928,000	11.1	10,321,000
1916.	1,107,000	9.7	10,715,000
1917.	1,832,000	8.6	15,701,000
1918.	1,754,000	10.1	17,733,000

GRAIN SORGHUMS—BUSHEL.

[Six States.]

1915.	4,153,000	27.6	114,460,000
1916.	3,812,000	13.2	50,340,000
1917.	5,153,000	11.9	61,409,000
1918.	5,619,000	11.8	66,396,000

THE CROP OF ONIONS—BUSHEL.

[Fourteen States.]

1915.	27,579	278	7,663,712
1916.	28,400	275	7,832,000
1917.	39,500	328	12,308,000
1918.	35,830	375	13,438,000

THE CROP OF CABBAGE—TONS.

[Nine States.]

1915.	69,420	9.7	670,631
1916.	40,080	6.2	246,988
1917.	58,950	7.5	475,300
1918.	61,700	9.2	565,200

THE YIELD OF HOPS—POUNDS.

[Four States.]

1915.	44,653	1.187	52,986,000
1916.	43,900	1.152	50,597,000
1917.	29,900	.929	27,788,000
1918.	27,900	.723	20,193,000

PRODUCTION OF CRANBERRIES—**THREE STATES—BARRELS.**

1915.	23,100	19.1	441,000
1916.	23,600	17.6	415,000
1917.	18,190	13.7	249,009
1918.	27,200	12.9	350,100

THE CROP OF APPLES—BUSHEL.

1914.			253,200,000
1915.			230,011,000
1916.			204,582,000
1917.			163,117,000
1918.			173,632,000

YIELD OF PEACHES—BUSHEL.

1914.			54,100,000
1915.			64,097,000
1916.			37,505,000
1917.			45,066,000
1918.			40,185,000

THE CROP OF PEARS—BUSHEL.

1914.			12,086,000
1915.			11,216,000
1916.			11,874,000
1917.			13,281,000
1918.			10,342,000

THE CROP OF ORANGES.

[Only Two States.]

1915.			21,200,000
1916.			23,835,000
1917.			10,593,000
1918.			19,587,000

THE CROP OF SORGHUM SYRUP—GALLONS.

1916.	157,000	87.3	13,668,000
1917.	415,200	90.3	37,472,000
1918.	372,600	78.4	29,224,000

CROP OF PEANUTS—BUSHEL.

1916.	1,076,350	32.8	35,325,500
1917.	1,842,000	28.5	52,505,000
1918.	2,291,000	24.3	55,597,000

CROP OF BROOM CORN—TONS—FIVE STATES.

1916.	229,000	....	37,855
1917.	345,000	....	57,400
1918.	333,000	....	58,000

CROP OF CLOVER SEED—BUSHEL.

1916.	939,000	1.8	1,706,000
1917.	756,000	1.8	1,356,000
1918.	819,000	1.7	1,383,000

Increase in Number of Farms.

Year.	No. of Farms.	Acreage.
1850.	1,449,073	202.6
1860.	2,044,077	199.2
1870.	2,659,985	153.3
1880.	4,008,907	133.7
1890.	4,564,641	136.5
1900.	5,737,372	143.2
1910.	6,361,502	138.1
1918, estimated.	7,250,000	134.0

Spring Wheat, 1916 and 1917.

This statement represents the statistics of the very poor crop of spring wheat of 1916, followed by the estimate of the modern crop being harvested in 1917. The condition of 1917 was very ordinary, notwithstanding the great efforts made to increase production.

State.	1916.		1917.	
	Bush-els, Acre.	Production, Bushels.	Bush-els, Acre.	Estimate, Bushels.
ALA.				
ARIZ.				
ARK.				
CALIF.				
COLO.	19.5	4,485,000	22.0	5,808,000
CONN.				
DEL.				
FLA.				
GA.				
IDAHO.	23.5	6,815,000	22.0	8,250,000
ILL.				
IND.				
IOWA.	13.0	4,160,000	21.5	5,375,000
KAS.	10.5	462,000	6.0	264,000
KY.				
LAINE.	27.0	155,000	14.0	154,000
MD.				
MASS.				
MICH.				
MINN.	7.3	26,645,000	17.5	56,525,000
MISS.				
MO.				
MONT.	18.0	16,830,000	9.0	10,098,000
NEB.	12.5	3,750,000	16.5	6,600,000
NEV.	31.5	1,162,000	28.0	1,036,000
N. H.				
N. J.				
N. M.	21.5	1,032,000	18.0	1,242,000
N. Y.				
N. D.	5.5	39,325,000	8.0	56,000,000
OHIO.				
OKLA.				
OREGON.	23.0	6,210,000	11.0	4,411,000
PENN.				
R. I.				
S. C.				
S. D.	6.3	22,050,000	14.0	50,344,000
TENN.				
TEXAS.				
UTAH.	25.0	1,900,000	27.0	2,430,000
VT.	25.0	25,000	20.0	60,000
VA.				
WASH.	21.5	19,350,000	13.6	18,360,000
W. VA.				
WIS.	16.6	1,776,000	21.2	3,095,000
WYO.	22.0	2,090,000	22.0	2,766,000
U. S.	8.8	158,142,000	12.6	232,758,000
Latest.	8.8	155,765,000	12.5	223,754,000

BEANS—DRY EDIBLE—1917.

The following table represents the December estimate of the crop for 1917. It is the largest acreage and crop on record:

State.	Yield, Production,	
	Planted, Acres.	Per Acre. Bushels.
ME.	33,000	10.0 330,000
N.H.	10,000	10.0 100,000
VT.	10,000	10.0 100,000
MASS.	4,000	10.0 40,000
N. Y.	210,000	7.5 1,575,000
N. J.	8,000	10.0 80,000
PENN.	13,000	8.0 104,000
W. VA.	18,000	8.0 144,000
OHIO.	7,000	5.0 35,000
IND.	5,000	12.0 60,000
MICH.	639,000	5.5 3,515,000
WIS.	35,000	7.5 262,000
IOWA.	7,000	6.0 42,000
MO.	9,200	10.0 92,000
TENN.	10,000	6.0 60,000
COLO.	193,000	7.6 1,467,000
N. M.	213,000	4.5 958,000
ARIZ.	19,000	8.0 152,000
WASH.	16,000	8.0 128,000
CALIF.	558,000	14.4 8,035,000
ALL OTHER.	100,000	8.5 850,000
U. S.	2,117,200	8.6 15,701,000
Six States.	1,821,000	8.8 16,045,000

SPRING WHEAT CROP OF 1918.

The spring wheat acreage for 1918 exhibited an increase over former records, which was greatly desired, and resulted in the largest crop on record. This, however, was offset by the winter wheat record, which placed total wheat second to 1915, the year of the record crop.

State.	Acreage, 1917.	Acreage, 1918.	Est. Bushels, 1918.
ALA.			
ARIZ.			
ARK.			
CALIF.			
CONN.			
COLO.	264,000	312,000	6,240,000
DEL.			
FLA.			
GA.			
IDAHO.	345,000	469,000	9,849,000
ILL.		180,000	4,842,000
IND.		7,000	161,000
IOWA.	339,000	650,000	11,700,000
KAS.	48,000	51,000	408,000
KY.			
LA.			
MAINE.	11,000	23,000	575,000
MD.			
MASS.		10,000	
MICH.		35,000	672,000
MINN.	3,832,000	4,038,000	84,798,000
MISS.			
MO.			
MONT.	1,122,000	1,380,000	17,250,000
NEB.	450,000	512,000	6,400,000
NEV.	37,000	39,000	975,000
N. H.			
N. J.			
N. M.	55,000	79,000	1,896,000
N. Y.		50,000	1,065,000
N. C.			
N. D.	7,150,000	7,630,000	99,190,000
OHIO.		15,000	322,000
OKLA.			
OREGON.	351,000	441,000	4,851,000
PENN.			
R. I.			
S. C.			
S. D.	3,325,000	2,243,000	80,617,000
TEXAS.			
UTAH.	91,000	104,000	2,756,000
VT.	3,000	10,000	220,000
VA.			
WASH.	1,350,000	1,728,000	16,416,000
W. VA.			
WIS.	142,000	333,000	7,992,000
WYO.	124,000	160,000	400,000
U. S.	19,039,000	22,489,000	363,195,000

BROOM CORN CROP, 1916-18.

State.	1916. Tons.	1917. Tons.	1918. Tons.
ILLINOIS.	6,681	8,250	9,500
KANSAS.	5,943	12,000	13,500
TEXAS.	847	688	14,500
OKLAHOMA.	22,420	26,250	26,000
COLORADO.	2,835	4,650	7,000
Total Above.	38,726	51,838	70,500
Latest.	38,726	57,400	58,000

BROOM CORN—1918.

The early estimate for broom corn was very much larger than earlier in the season. The crop is practically limited to five states, of which Oklahoma is the most important.

State.	Planted, Acres.	Per Cent. of 1917.	Production, Tons.	Price Per Ton.
ILL.	31,000	103	8,500	\$468.00
KAS.	63,000	105	9,300	275.00
TEXAS.	50,000	...	13,000	267.00
OKLA.	140,000	80	16,100	260.00
COLO.	30,000	100	52,100	175.00
Total.	314,000	105	52,100	\$300.28
Latest.	333,000	105	58,000	\$234.00

In the year 1754 a Galloway horse owned by a Mr. Crocker went an hundred miles a day for three days over the Newmarket Course in England and showed no distress. The Galloway was a hardy cob horse, the breed originating in Scotland, but is now extinct.

Final Corn Estimate, 1917.

This is the United States government final corn production estimate of 1917. It will be noticed that Illinois produced the largest amount of corn, with Iowa a close second. The largest yield per acre is in Connecticut, but the acreage is small:

State.	Planted Acres.	Yield Per Acre.	Production Bushels.
ALA.....	4,825,000	16.0	77,200,000
ARIZ.....	32,000	27.0	864,000
ARK.....	2,800,000	24.0	67,200,000
CALIF.....	75,000	32.0	2,400,000
COLO.....	532,000	20.0	10,640,000
CONN.....	95,000	51.0	4,845,000
DEL.....	230,000	34.0	7,820,000
FLA.....	925,000	15.0	13,875,000
GA.....	4,500,000	16.0	72,000,000
IDA.....	22,800	31.0	708,240
ILL.....	11,000,000	38.0	418,000,000
IND.....	5,651,000	36.0	203,436,000
IOWA.....	11,100,000	37.0	410,700,000
KAS.....	9,156,000	14.0	128,184,000
KY.....	3,900,000	31.5	122,850,000
LA.....	2,347,000	18.0	42,246,000
ME.....	20,000	39.0	780,000
MD.....	720,000	39.0	28,080,000
MASS.....	61,000	46.0	2,806,000
MICH.....	1,750,000	21.5	37,625,000
MINN.....	3,000,000	30.0	90,000,000
MISS.....	4,100,000	20.5	84,050,000
MO.....	7,200,000	35.0	252,000,000
MONT.....	81,000	12.5	1,012,500
NEB.....	9,240,000	27.0	249,480,000
NEV.....	2,000	30.0	60,000
N. H.....	26,000	42.0	1,092,000
N. J.....	297,000	43.0	12,771,000
N. M.....	170,000	20.0	3,400,000
N. Y.....	840,000	31.0	26,040,000
N. C.....	3,000,000	20.0	60,000,000
N. D.....	590,000	9.0	5,310,000
OHIO.....	3,950,000	38.0	150,100,000
OKLA.....	3,900,000	8.5	33,150,000
ORE.....	42,000	30.0	1,260,000
PENN.....	1,575,000	39.5	62,212,000
R. I.....	13,000	42.0	546,000
S. C.....	2,313,000	19.0	43,947,000
S. D.....	3,350,000	29.0	97,150,000
TENN.....	3,900,000	28.5	111,150,000
TEXAS.....	7,075,000	11.0	77,825,000
UTAH.....	20,000	25.0	500,000
VT.....	54,000	47.0	2,538,000
VA.....	2,450,000	29.5	72,275,000
WASH.....	41,000	37.0	1,517,000
W. VA.....	834,000	30.0	25,020,000
WIS.....	1,918,000	22.0	42,196,000
WYO.....	33,000	20.0	660,000
U. S.....	119,755,000	26.4	3,159,494,000
Latest.....	116,730,000	26.3	3,065,233,000

Corn on Farms.

Every year, March 1st, the grain on farms is reported. These figures are valuable, as they are comparative.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
PENN.....	21,762,000	21,652,000	16,965,000
VA.....	15,358,000	31,492,000	27,446,000
N. C.....	27,624,000	29,232,000	21,996,000
GA.....	29,120,000	32,475,000	30,380,000
OHIO.....	45,669,000	61,420,000	32,413,000
IND.....	58,794,000	76,380,000	54,144,000
ILL.....	99,011,000	142,272,000	88,972,000
MICH.....	19,530,000	15,680,000	9,075,000
WIS.....	18,863,000	4,899,000	10,343,000
MINN.....	26,390,000	9,016,000	18,572,000
IOWA.....	140,193,000	86,565,000	110,048,000
MO.....	38,016,000	70,948,000	31,707,000
S. D.....	23,400,000	28,275,000	21,019,000
NEB.....	71,320,000	87,330,000	73,112,000
KAS.....	29,221,000	70,540,000	13,205,000
KY.....	34,675,000	44,100,000	36,176,000
TENN.....	32,964,000	42,849,000	32,110,000
ALA.....	26,634,000	33,150,000	17,275,000
MISS.....	25,641,000	32,376,000	15,708,000
LA.....	13,124,000	17,589,000	10,229,000
TEXAS.....	28,704,000	50,055,000	35,397,000
OKLA.....	10,000,000	33,630,000	10,665,000
ARK.....	11,340,000	26,082,000	13,992,000
U. S.....	910,894,000	1,116,559,000	789,416,000

CORN CROP OF 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, estimating acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acre.	Production Bushels.
ALA.....	4,636,000	14.6	67,686,000
ARIZ.....	34,000	28.0	952,000
ARK.....	2,700,000	13.0	35,100,000
CALIF.....	85,000	35.0	2,975,000
COLO.....	527,000	21.0	11,067,000
CONN.....	56,000	50.0	2,800,000
DEL.....	235,000	31.0	7,285,000
FLA.....	880,000	16.0	14,080,000
GA.....	4,590,000	15.0	68,850,000
IDAHO.....	23,000	40.0	920,000
ILL.....	9,900,000	35.5	351,450,000
IND.....	5,138,000	33.0	169,554,000
IOWA.....	10,434,000	36.0	375,624,000
KAS.....	6,130,000	7.1	43,523,000
KY.....	3,600,000	26.0	93,600,000
LA.....	1,850,000	16.0	29,600,000
MAINE.....	27,000	45.0	1,215,000
MD.....	686,000	35.0	24,010,000
MASS.....	40,000	52.0	2,080,000
MICH.....	1,610,000	30.0	48,300,000
MINN.....	2,750,000	40.0	110,000,000
MISS.....	3,900,000	17.0	66,300,000
MO.....	6,693,000	20.0	133,800,000
MONT.....	100,000	21.0	2,100,000
NEB.....	6,954,000	17.7	123,086,000
NEV.....	2,000	32.0	64,000
N. H.....	28,000	45.0	1,260,000
N. J.....	279,000	41.0	11,439,000
N. M.....	170,000	25.0	4,250,000
N. Y.....	820,000	36.0	29,520,000
N. C.....	3,065,000	21.0	64,365,000
N. D.....	484,000	19.0	9,196,000
OHIO.....	3,700,000	36.0	133,200,000
OKLA.....	3,250,000	7.5	24,375,000
OREGON.....	44,000	31.0	1,364,000
PENN.....	1,560,000	40.0	62,400,000
R. I.....	13,000	44.0	572,000
S. C.....	2,250,000	17.0	38,250,000
S. D.....	3,182,000	34.0	104,188,000
TENN.....	3,500,000	24.0	84,000,000
TEXAS.....	6,900,000	10.0	69,000,000
UTAH.....	24,000	28.0	672,000
VT.....	45,000	38.0	1,710,000
VA.....	2,000,000	28.0	56,000,000
WASH.....	43,000	38.0	1,634,000
W. VA.....	800,000	31.0	24,800,000
WIS.....	1,717,000	40.5	69,538,000
WYO.....	40,000	25.0	1,000,000
U. S.....	107,494,000	24.0	2,582,814,000

WHAT BECOMES OF THE CORN CROP.

The following represents the United States Department of Agriculture idea of the disposition of the corn crop:

	Consumption on Farms.	Per Cent. of Entire Crop.
Horses and Mules.....	728,000,000	27.0
Swine.....	724,000,000	26.8
Cattle (other than Milch.)	254,000,000	9.4
Milch Cows.....	231,000,000	8.6
Poultry.....	97,000,000	3.6
Human Beings.....	92,000,000	3.4
Seep.....	60,000,000	2.2
Seed.....	23,000,000	.8
Other, or doubtful.....	103,000,000	3.8
Total.....	2,312,000,000	85.6
	City Disposition.	Per Cent. of Total Crop.
Used in Flour Mills.....	245,000,000	9.1
Glucose and Starch.....	40,000,000	1.5
Manufacture of Distilled Liquors.....	21,000,000	.8
Manufacture of Malt Liquors	14,000,000	.5
Used for Feed in Towns.....	120,000,000	4.4
Exported.....	45,000,000	1.7
Balance indefinite.....	28,000,000	1.0
Total.....	513,000,000	19.0

Nathaniel Bird, a book dealer, in 1763 advertised in the Newport (R. I.) mercury that he had garden seed for sale just arrived from England. This is one of the earliest records of seeds being for sale.

Oats Crop—Final, 1917.

The oats crop of 1917 was estimated in December to be the largest ever grown. The state of Iowa produced the largest number of bushels; the state of Illinois raised a few bushels less than Iowa. Illinois produced an average of fifty-two bushels to the acre, against forty-seven bushels an acre in Iowa:

State.	Planted Acres.	Yield Per Acres.	Produc- tion, Bushels.
ALA.....	540,000	18.0	9,720,000
ARK.....	10,000	40.0	400,000
ARIZ.....	340,000	28.0	9,520,000
CALIF.....	196,000	35.0	6,860,000
COLO.....	293,000	38.0	11,134,000
CONN.....	20,000	33.0	660,000
DEL.....	4,000	32.0	128,000
FLA.....	65,000	14.0	770,000
GA.....	650,000	16.0	10,400,000
ID.....	275,000	38.0	10,450,000
ILL.....	4,700,000	52.0	244,400,000
IND.....	1,820,000	42.0	76,440,000
IOWA.....	5,250,000	47.0	246,750,000
KAS.....	2,284,000	31.0	70,804,000
KY.....	310,000	26.0	8,060,000
LA.....	84,000	22.3	1,873,000
ME.....	170,000	29.0	4,930,000
MD.....	47,000	34.0	1,457,000
MASS.....	12,000	37.0	444,000
MICH.....	1,550,000	36.5	56,575,000
MINN.....	3,250,000	37.0	120,250,000
MISS.....	300,000	19.0	5,700,000
MO.....	1,480,000	40.0	59,200,000
MONT.....	680,000	20.0	13,600,000
NEB.....	3,038,000	38.0	115,444,000
NEV.....	14,000	40.0	560,000
N. H.....	14,000	38.0	532,000
N. J.....	75,000	34.0	2,482,000
N. M.....	45,000	39.0	1,350,000
N. Y.....	1,275,000	35.0	44,625,000
N. C.....	340,000	17.0	5,780,000
N. D.....	2,575,000	15.0	38,625,000
OHIO.....	1,775,000	44.0	78,100,000
OKLA.....	1,150,000	23.0	26,450,000
ORE.....	365,000	25.0	9,125,000
PENN.....	1,175,000	35.0	41,125,000
R. I.....	2,000	31.0	62,000
S. C.....	400,000	15.0	6,000,000
S. D.....	1,925,000	34.0	65,450,000
TENN.....	300,000	24.5	7,350,000
TEXAS.....	1,425,000	26.0	37,050,000
UTAH.....	100,000	44.0	4,400,000
VT.....	88,000	36.0	3,168,000
VA.....	225,000	24.5	5,512,000
WASH.....	292,000	38.5	11,242,000
W. VA.....	145,000	27.0	3,861,000
WIS.....	2,250,000	44.0	99,000,000
WYO.....	265,000	36.0	9,468,000
U. S.....	43,572,000	36.4	1,587,286,000
Latest.....	43,353,000	36.6	1,592,740,000

Tobacco Crop—1917.

State.	Planted Acres.	Yield Per Acres.	Produc- tion, Pounds.
ALA.....	200	730	146,000
ARK.....	300	700	210,000
CONN.....	21,000	1,400	29,540,000
FLA.....	3,100	1,100	3,410,000
GA.....	1,600	1,000	1,600,000
ILL.....	700	800	560,000
IND.....	14,800	950	14,060,000
KY.....	474,000	900	426,600,000
MD.....	28,600	790	22,594,000
LA.....	600	350	210,000
MASS.....	8,400	1,409	11,833,000
MO.....	3,000	940	2,820,000
N. H.....	100	1,670	167,000
N. Y.....	2,500	1,250	3,125,000
N. C.....	325,000	630	204,750,000
OHIO.....	103,200	960	99,072,000
PENN.....	41,500	1,400	58,100,000
S. C.....	72,000	710	51,120,000
TENN.....	101,000	810	81,810,000
TEXAS.....	200	670	134,000
VT.....	100	1,050	105,000
VA.....	185,000	700	129,500,000
W. VA.....	11,300	800	9,040,000
W. VA.....	11,300	800	9,040,000
U. S.....	1,446,000	827	1,196,451,000
Latest.....	1,518,000	823	1,249,608,000

OATS CROP OF 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, estimating acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acres.	Produc- tion, Bushels.
ALA.....	428,000	19.0	8,132,000
ARIZ.....	11,000	40.0	440,000
ARK.....	142,000	25.5	11,271,000
CALIF.....	175,000	32.0	5,600,000
COLO.....	293,000	33.0	9,669,000
CONN.....	24,000	38.0	912,000
DEL.....	5,000	35.0	175,000
FLA.....	60,000	18.0	1,080,000
GA.....	600,000	20.0	12,000,000
IDAHO.....	237,000	40.0	9,480,000
ILL.....	4,508,000	44.0	198,352,000
IND.....	2,025,000	42.0	85,050,000
IOWA.....	5,466,000	42.0	229,572,000
KAS.....	2,329,000	22.0	51,238,000
KY.....	400,000	24.0	9,600,000
LA.....	80,000	25.0	2,000,000
MAINE.....	169,000	40.0	6,760,000
MD.....	60,000	33.0	1,980,000
MASS.....	12,000	40.0	480,000
MICH.....	1,658,000	40.0	66,320,000
MINN.....	3,282,000	41.0	134,562,000
MISS.....	280,000	20.0	5,600,000
MO.....	1,524,000	29.0	44,196,000
MONT.....	680,000	30.0	20,400,000
NEB.....	2,531,000	22.2	56,188,000
NEV.....	14,000	38.0	532,000
N. H.....	24,000	38.0	912,000
N. J.....	85,000	40.0	3,400,000
N. M.....	45,000	28.0	1,260,000
N. Y.....	1,260,000	41.0	51,660,000
N. C.....	325,000	20.0	6,500,000
N. D.....	2,575,000	23.5	60,512,000
OHIO.....	1,800,000	44.0	79,200,000
OKLA.....	1,380,000	24.0	33,120,000
OREGON.....	361,000	25.0	9,025,000
PENN.....	1,210,000	39.0	47,190,000
R. I.....	2,000	42.0	84,000
S. C.....	500,000	22.0	11,000,000
S. D.....	2,160,000	39.0	84,240,000
TENN.....	325,000	25.0	8,125,000
TEXAS.....	1,510,000	14.7	22,197,000
UTAH.....	98,000	45.0	4,410,000
VT.....	103,000	41.0	4,223,000
VA.....	225,000	23.0	5,175,000
WASH.....	310,000	27.0	8,370,000
W. VA.....	160,000	27.0	4,320,000
WIS.....	2,364,000	46.6	110,162,000
WYO.....	285,000	41.0	11,685,000
U. S.....	44,400,000	34.6	1,538,359,000

TOBACCO—1918.

The tobacco crop of 1918 showed increased acreage, and the largest crop since 1910 and probably the largest on record. Kentucky, North Carolina, Virginia and Ohio are the leading tobacco states.

State.	Planted, Acres.	Per Cent. of 1917.	Pro- duction, Pounds.
ALA.....	200	100	110,000
ARK.....	300	100	180,000
CONN.....	22,600	107	39,826,000
FLA.....	4,600	150	4,554,000
GA.....	2,900	180	3,030,000
ILL.....	700	100	563,000
IND.....	16,300	110	14,890,000
KY.....	431,300	91	360,739,000
LA.....	300	50	107,000
MD.....	28,600	100	23,672,000
MASS.....	9,200	110	16,499,000
MO.....	3,100	101	2,790,000
N. H.....	100	100	182,000
N. Y.....	3,000	120	3,567,000
N. C.....	341,200	105	240,444,000
OHIO.....	115,600	112	112,363,000
PENN.....	45,600	110	66,284,000
S. C.....	86,400	120	64,161,000
TENN.....	77,800	77	61,594,000
TEXAS.....	200	100	109,000
VT.....	100	100	181,000
VA.....	196,100	106	162,371,000
W. VA.....	13,600	120	11,213,000
WIS.....	53,100	110	75,933,000
U. S.....	1,452,900	100	1,265,362,000
Latest.....	1,549,000	100	1,340,019,000

In the year 1764 Gideon Welles announced in the Newport (R. I.) Mercury that he had some choice Connecticut onion seed for sale.

TAME HAY CROP—1918.

The tame hay crop of 1918 is eighteen million tons less than the largest crop. New York, Pennsylvania, Iowa and Illinois lead in quantity for the year. The average production per acre is not up to the average.

State.	Area, Acreage.	Per Cent. of 1917.	Pro-duction, Tons.
ALA.	1,622,000	112	1,622,000
ARIZ.	149,000	95	477,000
ARK.	402,000	103	482,000
CALIF.	2,376,000	99	2,970,000
COLO.	951,000	98	2,045,000
CONN.	340,000	97	442,000
DEL.	83,000	106	104,000
FLA.	104,000	104	119,000
GA.	535,000	100	482,000
IDAHO.	667,000	92	1,934,000
ILL.	3,052,000	111	4,029,000
IND.	2,210,000	103	3,204,000
IOWA.	3,128,000	99	4,098,000
KAS.	1,478,000	100	2,069,000
KY.	1,072,000	110	1,394,000
LA.	260,000	100	338,000
MAINE.	1,137,000	98	1,308,000
MD.	473,000	107	639,000
MASS.	437,000	95	524,000
MICH.	2,481,000	97	2,553,000
MINN.	1,702,000	92	2,583,000
MISS.	227,000	87	272,000
MO.	2,989,000	94	2,600,000
MONT.	767,000	101	1,150,000
NEB.	1,701,000	107	2,381,000
NEV.	218,000	93	567,000
N. H.	496,000	98	570,000
N. J.	350,000	100	490,000
N. M.	192,000	95	422,000
N. Y.	4,185,000	100	5,189,000
N. C.	444,000	101	577,000
N. D.	522,000	95	574,000
OHIO.	2,925,000	100	3,890,000
OKLA.	581,000	101	680,000
OREGON.	815,000	97	1,467,000
PENN.	3,123,000	101	4,154,000
R. I.	59,000	98	77,000
S. C.	250,000	100	275,000
S. D.	720,000	98	1,152,000
TENN.	981,000	110	1,324,000
TEXAS.	450,000	100	450,000
UTAH.	388,000	99	912,000
VT.	926,000	98	1,204,000
V.A.	892,000	105	1,115,000
WASH.	751,000	93	1,352,000
W. VA.	798,000	101	998,000
WIS.	2,406,000	89	3,296,000
WYO.	571,000	102	1,199,000
U. S.	53,386,000	100	71,555,000
Latest.	55,971,000	100	71,555,000

WILD HAY CROP—1918.

The wild hay crop is not one that increases, the total tons for 1918 being about 6,000,000 tons less than in 1915, and the average per acre is less.

State.	Area, Acres.	Per Cent. of 1917.	Pro-duction, Tons.
ALA.	35,000	100	35,000
ARIZ.	13,000	90	13,000
ARK.	86,000	98	71,000
CALIF.	182,000	81	173,000
COLO.	451,000	100	424,000
CONN.	13,000	99	14,000
DEL.	10,000	101	11,000
FLA.	9,000	97	10,000
GA.	13,000	103	12,000
IDAHO.	113,000	97	124,000
ILL.	101,000	105	131,000
IND.	60,000	95	72,000
IOWA.	615,000	100	738,000
KAS.	1,305,000	100	848,000
KY.	5,000	101	5,000
LA.	30,000	100	30,000
MAINE.	21,000	100	21,000
MD.	5,000	100	6,000
MASS.	21,000	100	21,000
MICH.	38,000	105	40,000
MINN.	1,786,000	94	2,054,000
MISS.	35,000	98	38,000
MO.	136,000	98	102,000
MONT.	482,000	90	362,000
NEB.	2,888,000	94	2,368,000
NEV.	144,000	80	101,000
N. H.	21,000	100	21,000
N. J.	30,000	101	39,000
N. M.	29,000	90	20,000
N. Y.	69,000	98	69,000
N. C.	38,000	98	42,000
N. D.	2,115,000	97	1,904,000
OHIO.	2,000	98	3,000
OKLA.	600,000	100	336,000
OREGON.	176,000	89	194,000
PENN.	14,000	98	13,000
R. I.	1,000	98	1,000
S. C.	10,000	100	10,000
S. D.	3,185,000	98	3,185,000
TENN.	28,000	101	34,000
TEXAS.	214,000	95	128,000
UTAH.	64,000	96	70,000
VT.	11,000	99	12,000
V.A.	9,000	105	9,000
WASH.	26,000	91	35,000
W. VA.	6,000	100	7,000
WIS.	318,000	102	413,000
WYO.	300,000	100	330,000
U. S.	15,863,000	96	14,699,000
Latest.	15,283,000	96	14,374,000

WHEAT ON HAND THREE YEARS.

This table is of wheat held in country mills on March 1st of 1913, 1914 and 1918:

Year.	Production of All Hay Preceding Year, (Tons.)	Per Cent. on Farms, May 1, (Tame)	Tons on Farms, May 1, (Tame)	Price Per Ton, Apr. 15, (Wild)	Price Per Ton, Apr. 15, (Wild)
1910.	81,216,000	11.5	10,053,000	12.21	.....
1911.	82,529,000	12.4	10,222,000	12.29	.....
1912.	67,071,000	8.5	5,732,000	17.64	.....
1913.	90,734,000	14.9	13,525,000	11.13	.....
1914.	79,179,000	12.3	9,631,000	12.32	8.58
1915.	88,686,000	12.2	10,297,000	12.22	7.56
1916.	107,263,000	13.5	14,452,000	.....	.....
1917.	110,992,000	11.4	12,659,000	14.44	10.94
1918.	94,930,000	11.7	11,096,000	\$17.97	\$14.47

BEANS.

Bean production for three years, as reported by the United States Department of Agriculture. All these figures are estimates, and are often changed, the latest, of course, being final.

State.	1916, Bushels.	1917, Bushels.	1918, Bushels.
N. Y.	1,140,000	1,575,000	1,444,000
MICH.	3,102,000	3,294,000	4,911,000
COLO.	424,000	1,188,000	1,852,000
N. M.	425,000	667,000	1,620,000
ARIZ.	48,000	152,000	160,000
CALIF.	5,576,000	8,091,000	7,815,000
Total.	10,715,000	14,967,000	17,802,000

About the year 1750 the commercial history of the peppermint plant began at Mitcham, in Surrey, England.

The year 1760 is credited with being the commencement of memorable improvement in British agriculture.

The cow "Tripes," Shorthorn cow, bought by Thomas Hall, in England, earliest recorded cow of the Shorthorn breed. This was in the year 1760.

White Potatoes—1917.

The crop of white potatoes in 1917 exceeded previous records and came at the right time. New York is the banner potato state, so far as quantity grown is concerned, but the average quantity per acre belongs to Nevada, where the actual acreage is small.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.	41,000	72.0	2,952,000
ARIZ.	4,000	105.0	420,000
ARK.	30,000	80.0	2,400,000
CALIF.	105,000	145.0	15,525,000
COLO.	70,000	133.0	9,310,000
CONN.	29,000	110.0	3,190,000
DEL.	13,000	95.0	1,235,000
FLA.	25,000	91.0	2,275,000
GA.	19,000	84.0	1,596,000
IDA.	39,000	156.0	6,084,000
ILL.	150,000	90.0	13,500,000
IND.	92,000	92.0	8,464,000
IOWA.	138,000	95.0	13,110,000
KAS.	78,000	57.0	4,446,000
KY.	70,000	96.0	6,720,000
LA.	25,000	64.0	1,600,000
ME.	150,000	135.0	20,250,000
MD.	60,000	100.0	6,000,000
MASS.	38,000	115.0	4,370,000
MICH.	378,000	95.0	35,910,000
MINN.	300,000	112.0	33,600,000
MISS.	14,000	78.0	1,092,000
MO.	109,000	87.0	9,483,000
MONT.	57,000	95.0	5,415,000
NEB.	147,000	85.0	12,495,000
NEV.	15,000	207.0	3,105,000
N. H.	21,000	107.0	2,247,000
N. J.	98,000	114.0	11,172,000
N. M.	11,000	116.0	1,276,000
N. Y.	400,000	95.0	38,000,000
N. C.	50,000	90.0	4,500,000
N. D.	90,000	43.0	3,870,000
OHIO.	160,000	100.0	16,000,000
OKLA.	36,000	69.0	2,484,000
ORE.	75,000	108.0	8,100,000
PENN.	321,000	92.0	29,532,000
R. I.	5,000	135.0	675,000
S. C.	15,000	96.0	1,440,000
S. D.	20,000	90.0	1,800,000
TENN.	52,000	94.0	4,888,000
TEXAS.	46,000	60.0	2,760,000
UTAH.	23,000	189.0	4,347,000
VT.	30,000	100.0	3,000,000
VA.	200,000	99.0	19,800,000
WASH.	79,000	125.0	9,875,000
W. VA.	65,000	115.0	7,475,000
WIS.	307,000	114.0	34,998,000
WYO.	30,000	155.0	4,650,000

U. S. 4,390,000 100.8 442,536,000

Production of Soy Beans, 1917.

Soy beans are grown for various purposes the same as cowpeas. After figuring the grain yield and the hay yield, there is the plowed under and grazed area, the quantity put in silos, also to be considered.

State.	Acreage Planted.	Grain Yield, Bushels.	Hay Yield, Tons.
ARK.	15,000		
ILL.	30,000		
IND.	100,000	7,000	8,000
KY.	57,000	108,000	80,000
MD.	2,000		
MISS.	37,000		15,000
MO.	20,000	40,000	5,000
N. C.	120,000	840,000	90,000
N. J.	2,000	11,000	
N. Y.	7,000		
OHIO.	12,000	14,000	
PENN.	8,000	40,000	
S. C.	11,000		
TENN.	50,000	50,000	120,000
VA.	50,000		
VT.	8,000		
W. VA.	5,000	4,000	8,000
WIS.	3,000		2,000

Total. 531,000 1,186,000 328,000

POTATO PRODUCTION, 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, showing acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.	60,000	80	4,800,000
ARIZ.	5,000	85	425,000
ARK.	48,000	50	2,400,000
CALIF.	90,000	143	12,870,000
COLO.	72,000	158	11,376,000
CONN.	26,000	95	2,470,000
DEL.	11,000	87	957,000
FLA.	35,000	100	3,500,000
GA.	23,000	70	1,610,000
IDAHO.	29,000	180	5,220,000
ILL.	160,000	72	11,520,000
IND.	97,000	80	7,760,000
IOWA.	134,000	72	9,648,000
KAS.	80,000	53	4,240,000
KY.	75,000	75	5,625,000
LA.	55,000	79	4,345,000
MAINE.	112,000	200	22,400,000
MD.	50,000	80	4,000,000
MASS.	36,000	133	4,788,000
MICH.	340,000	84	28,560,000
MINN.	312,000	105	32,760,000
MISS.	20,000	80	1,600,000
MO.	114,000	61	6,954,000
MONT.	52,000	135	7,020,000
NEB.	121,000	86	10,406,000
NEV.	9,000	171	1,539,000
N. H.	21,000	140	2,940,000
N. J.	92,000	92	8,464,000
N. M.	10,000	100	1,000,000
N. Y.	380,000	92	34,960,000
N. C.	45,000	95	4,275,000
N. D.	90,000	99	8,910,000
OHIO.	160,000	69	11,040,000
OKLA.	37,000	34	1,258,000
OREGON.	50,000	110	5,500,000
PENN.	305,000	80	24,400,000
R. I.	5,000	130	650,000
S. C.	28,000	102	2,856,000
S. D.	90,000	91	8,190,000
TENN.	50,000	70	3,500,000
TEXAS.	60,000	55	3,300,000
UTAH.	20,000	180	3,600,000
VT.	26,000	130	3,380,000
VA.	125,000	94	11,750,000
WASH.	65,000	132	8,580,000
W. VA.	60,000	87	5,220,000
WIS.	295,000	112	33,040,000
WYO.	30,000	150	4,500,000

U. S. 4,210,000 95 400,106,000

Wheat Supply and Consumption.

The following tabulation was prepared in the United States Department of Agriculture to show the per capita production of wheat.

Year.	Production, Bushels.	Export, Bushels.	Consumption, Bushels.	Carried Over, Bushels.
1900	6.87	2.84	...	1.16
1901	9.64	3.02	6.85	1.24
1902	8.46	2.56	6.18	.96
1903	7.89	1.49	6.53	.86
1904	6.70	.53	6.35	.68
1905	8.24	1.16	6.58	1.18
1906	5.58	1.71	6.50	1.53
1907	7.26	1.87	6.17	.77
1908	7.47	1.28	6.48	.48
1909	8.14	.96	6.74	.92
1910	6.89	.75	6.08	.98
1911	6.62	.85	5.93	.82
1912	7.65	1.50	6.03	.94
1913	7.87	1.50	6.53	.78
1914	9.03	2.37	5.89	.65
1915	10.09	2.50	6.55	1.59
1916	6.00	...	...	...

In the year 1751 Jesuit Fathers brought to Louisiana samples of sugar cane for the purpose of adding to the resources of the colony. This is now called "Creole" cane.

The first known veterinary school established at Lyons, France, in the year 1761.

Barley Crop—Final, 1917.

This tabulated statement shows the final barley crop of 1917, as estimated in December by the United States Department of Agriculture.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.	000	00.0	000
ARIZ.	33,000	35.0	1,155,000
ARK.	000	00.0	000
CALIF.	1,350,000	29.0	39,150,000
COLO.	168,000	33.0	5,544,000
CONN.	000	00.0	000
DEL.	000	00.0	000
FLA.	000	00.0	000
GA.	000	00.0	000
IDA.	190,000	29.0	5,510,000
ILL.	66,000	37.5	2,475,000
IND.	22,000	30.5	671,000
IOWA.	300,000	35.0	10,500,000
KAS.	750,000	10.0	7,500,000
KY.	5,000	28.0	140,000
LA.	000	00.0	000
ME.	7,000	21.0	147,000
MD.	6,000	26.0	156,000
MASS.	000	00.0	000
MICH.	130,000	26.5	3,445,000
MINN.	1,400,000	27.0	37,800,000
MISS.	000	00.0	000
MO.	6,000	25.0	150,000
MONT.	90,000	15.0	1,350,000
NEB.	213,000	26.5	5,644,000
NEV.	12,000	35.0	420,000
N. H.	1,000	31.0	31,000
N. J.	000	00.0	000
N. M.	13,000	28.0	364,000
N. Y.	110,000	28.0	3,080,000
N. C.	000	00.0	000
N. D.	1,825,000	12.5	28,812,000
OHIO.	40,000	33.0	1,320,000
OKLA.	9,000	18.0	162,000
ORE.	182,000	29.0	5,278,000
PENN.	13,000	28.0	364,000
R. I.	000	00.0	000
S. C.	000	00.0	000
N. D.	1,825,000	12.5	22,812,000
TENN.	6,000	20.0	120,000
TEXAS.	9,000	20.0	180,000
UTAH.	33,000	37.0	1,221,000
VT.	17,000	29.0	493,000
VA.	12,000	30.0	360,000
WASH.	170,000	29.0	4,930,000
W. VA.	000	00.0	000
WIS.	600,000	32.0	19,200,000
WYO.	27,000	29.0	783,000
U. S.	8,835,000	23.7	208,975,000
Latest.	8,933,000	23.7	211,759,000

BARLEY ON FARMS, MARCH 1, 1918.

State.	Shipped Out, Bushels.	On Farms, Cent. of Bushels.	Per Crop.
ARIZ.	231,000	81,000	7
CALIF.	17,618,000	4,698,000	12
COLO.	942,000	1,497,000	27
IDAHO.	3,030,000	937,000	17
ILL.	124,000	693,000	28
IND.	134,000	168,000	25
IOWA.	5,250,000	2,730,000	26
KAS.	450,000	1,125,000	15
KY.	14,000	21,000	15
MAINE.	1,000	37,000	25
MD.	8,000	23,000	15
MICH.	310,000	586,000	17
MINN.	19,278,000	8,316,000	22
MONT.	162,000	216,000	16
MO.	15,000	30,000	20
NEB.	1,693,000	1,919,000	34
NEV.	13,000	101,000	24
N. H.	1,000	9,000	30
N. M.	15,000	73,000	20
N. Y.	308,000	832,000	27
N. D.	7,528,000	5,019,000	22
OHIO.	343,000	370,000	28
OKLA.	2,000	6,000	4
OREGON.	1,478,000	1,003,000	19
PENN.	4,000	55,000	15
S. D.	13,260,000	6,365,000	24
TENN.	7,000	7,000	6
TEXAS.	2,000	4,000	2
UTAH.	122,000	317,000	26
VT.	5,000	197,000	40
VA.	4,000	36,000	50
WASH.	2,218,000	937,000	19
WIS.	6,528,000	4,800,000	25
WYO.	31,000	196,000	25
U. S.	81,129,000	43,404,000	21

BARLEY CROP OF 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, estimating acres planted, yield per acre and

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ARIZ.	30,000	34.0	1,020,000
CALIF.	1,320,000	26.0	34,320,000
COLO.	176,000	28.0	4,928,000
DEL.	000	00.0	000
FLA.	000	00.0	000
GA.	000	00.0	000
IDAHO.	175,000	28.0	4,900,000
ILL.	250,000	36.0	9,000,000
IND.	45,000	37.0	1,665,000
IOWA.	360,000	31.5	11,340,000
KAS.	604,000	10.0	6,040,000
KY.	7,000	28.0	196,000
LA.	000	00.0	000
MAINE.	12,000	25.0	300,000
MD.	6,000	31.0	186,000
MASS.	000	00.0	000
MICH.	275,000	30.3	8,332,000
MINN.	1,400,000	31.0	43,400,000
MISS.	000	00.0	000
MO.	10,000	25.0	250,000
MONT.	87,000	22.0	1,914,000
NEB.	343,000	16.5	5,660,000
NEV.	12,000	34.0	408,000
N. H.	1,000	32.0	32,000
N. J.	000	00.0	000
N. M.	14,000	28.0	392,000
N. Y.	125,000	31.5	3,938,000
N. C.	000	00.0	000
N. D.	1,784,000	21.5	37,281,000
OHIO.	100,000	31.5	3,150,000
OKLA.	8,000	17.0	136,000
OREGON.	178,000	25.0	4,450,000
PENN.	15,000	28.0	420,000
R. I.	000	00.0	000
S. C.	000	00.0	000
S. D.	1,400,000	29.5	41,300,000
TENN.	8,000	23.0	184,000
TEXAS.	10,000	17.0	170,000
UTAH.	32,000	35.0	1,120,000
VT.	16,000	31.0	496,000
VA.	12,000	27.0	324,000
WASH.	173,000	15.2	2,630,000
W. VA.	000	00.0	000
WIS.	711,000	35.7	25,383,000
WYO.	30,000	37.0	1,110,000
U. S.	9,679,000	26.5	256,375,000

SORGHUM FOR SYRUP—1918.

Alabama has a long lead in the production of sorghum for syrup over any other state, producing nearly half the crop. The production in 1918 is about 4,000,000 gallons less than in 1917.

State.	Planted, Acres.	Per Cent. of Production, 1917.	Production, Gallons.
ALA.	163,200	85	14,326,000
ARK.	15,980	94	992,000
FLA.	189	106	22,000
GA.	10,000	100	960,000
ILL.	9,603	108	834,000
IND.	7,697	115	745,000
IOWA.	4,347	175	430,000
KAS.	3,194	100	187,000
KY.	33,250	96	2,981,000
LA.	447	98	29,000
MINN.	1,480	120	146,000
MISS.	9,353	90	764,000
MO.	21,600	108	1,804,000
N. B.	386	194	27,000
N. M.	30	100	2,000
N. C.	11,058	97	1,082,000
OHIO.	6,012	150	522,000
OKLA.	7,612	100	282,000
S. C.	3,482	98	274,000
TENN.	22,500	90	1,955,000
TEXAS.	8,772	102	462,000
UTAH.	224	115	31,000
VA.	3,571	110	368,000
W. VA.	5,443	110	554,000
WIS.	2,268	125	194,000
U. S.	351,704	93	29,973,000
Latest.	372,600	93	29,234,000

The horticultural writer Dudley, in a paper in the Philosophical Transactions, said: "Our apples are without doubt as good as those of England and much fairer to look to, and so are the pears; but we have not all the sorts." This was in the year 1736.

The Rye Crop—1917.

The rye crop of 1917 was the largest on record and amounted to 60,145,000 bushels, against 48,862,000 bushels in 1916, and 64,050,000 bushels in 1915. The largest 1917 yield was in North Dakota, and the largest yield per acre in Connecticut.

State.	Planted Acres.	Yield Per Acre.	Produc- tion, Bushels.
ALA.	4,000	9.5	38,000
ARIZ.	0	00.0	0
ARK.	2,000	13.5	27,000
CALIF.	0	00.0	0
COLO.	27,000	16.0	432,000
CONN.	7,000	20.5	144,000
DEL.	1,000	16.0	16,000
FLA.	0	00.0	0
GA.	15,000	8.5	128,000
IDA.	2,000	15.5	31,000
ILL.	43,000	17.5	752,000
IND.	200,000	15.0	3,000,000
IOWA.	50,000	18.0	900,000
KAS.	76,000	15.0	1,140,000
KY.	30,000	12.5	375,000
LA.	0	00.0	0
ME.	0	00.0	0
MD.	24,000	16.0	384,000
MASS.	3,000	19.0	57,000
MICH.	341,000	15.0	5,115,000
MINN.	410,000	18.5	7,585,000
MISS.	0	00.0	0
MO.	30,000	14.7	441,000
MONT.	9,000	12.7	114,000
NEB.	215,000	15.6	3,354,000
NEV.	0	00.0	0
N. H.	0	00.0	0
N. J.	69,000	18.5	1,276,000
N. M.	0	00.0	0
N. Y.	135,000	19.2	2,565,000
N. C.	52,000	10.0	520,000
N. D.	1,040,000	9.5	9,880,000
OHIO.	90,000	18.0	1,620,000
OKLA.	9,000	10.0	90,000
ORE.	31,000	11.5	356,000
PENN.	260,000	17.0	4,420,000
R. I.	0	00.0	0
S. C.	17,000	10.0	170,000
S. D.	350,000	16.0	5,600,000
TENN.	12,000	10.0	120,000
TEXAS.	2,000	10.0	20,000
UTAH.	13,000	8.0	104,000
VT.	1,000	20.0	20,000
VA.	77,000	15.0	1,155,000
WASH.	7,000	12.7	89,000
W. VA.	20,000	18.5	270,000
WIS.	410,000	18.5	7,585,000
WYO.	18,000	14.0	252,000
U. S.	4,102,000	14.7	60,145,000
Latest.	4,317,000	14.6	62,933,000

COTTON ACREAGE—1918.

The crop of 1917 in bales in given, also the acreage planted in 1918. The latest estimate of the 1918 crop is 11,818,000 bales. The largest cotton crop was 16,135,000 bales, in 1914.

State.	1917 Crop, Bales.	1918 Per Cent. Planted, of Acreage, 1917.
ALA.	517,890	2,622,000 130
ARIZ.	21,737	92,000 200
ARK.	973,752	2,922,000 104
CALIF.	57,826	191,000 125
FLA.	37,858	167,000 89
GA.	1,885,911	5,432,000 106
LA.	638,729	1,353,000 106
MISS.	905,554	3,264,000 116
N. C.	60,831	158,000 98
N. D.	617,989	1,609,000 103
OKLA.	959,081	3,161,000 109
S. C.	1,236,871	2,995,000 104
TENN.	240,525	926,000 102
TEXAS.	3,125,378	11,910,000 102
VA.	18,777	51,000 97
OTHER.	5,666	17,000 106
U. S.	11,302,375	37,073,000 106.2
Latest.	11,700,000	35,890,000 104.2

In the year 1752 the French government offered to purchase all the tobacco raised in the province of Louisiana at a price equivalent to seven cents per pound.

RYE PRODUCTION, 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, estimating acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acre.	Produc- tion, Bushels.
ALA.	4,000	11.0	44,000
ARIZ.	0	00.0	0
ARK.	2,000	10.5	21,000
CALIF.	0	00.0	0
COLO.	27,000	12.0	324,000
CONN.	11,000	22.0	242,000
DEL.	1,000	14.5	14,000
FLA.	0	00.0	0
GA.	20,000	8.8	176,000
IDAHO.	4,000	15.0	60,000
ILL.	200,000	19.0	3,800,000
IND.	110,000	16.5	6,765,000
IOWA.	54,000	19.0	1,026,000
KAS.	170,000	14.3	2,431,000
KY.	65,000	13.6	884,000
LA.	0	00.0	0
MAINE.	0	00.0	0
MD.	30,000	15.0	450,000
MASS.	4,000	20.0	80,000
MICH.	372,000	14.3	6,750,000
MINN.	435,000	20.0	8,700,000
MISS.	0	00.0	0
MO.	34,000	14.0	476,000
MONT.	20,000	12.0	240,000
NEB.	388,000	12.9	5,005,000
NEV.	0	00.0	0
N. H.	0	00.0	0
N. J.	73,000	18.5	1,350,000
N. M.	0	00.0	0
N. Y.	112,000	16.5	1,848,000
N. C.	60,000	8.0	480,000
N. D.	1,945,000	10.5	20,422,000
OHIO.	111,000	17.0	1,887,000
OKLA.	8,000	11.0	88,000
OREGON.	41,000	12.0	492,000
PENN.	250,000	17.0	4,250,000
R. I.	0	00.0	0
S. C.	18,000	11.2	202,000
S. D.	575,000	18.0	10,350,000
TENN.	30,000	10.0	300,000
TEXAS.	4,000	5.4	22,000
UTAH.	16,000	13.0	208,000
VT.	1,000	21.0	21,000
VA.	100,000	12.0	1,200,000
WASH.	7,000	10.0	70,000
W. VA.	22,000	13.7	301,000
WIS.	436,000	17.6	7,674,000
WYO.	25,000	18.0	450,000
U. S.	6,185,000	14.4	89,103,000

The Cotton Crop.

The Department of Agriculture in December gives us an estimate by states of the cotton crop of 1917. We present it, together with the enumeration of the crop of 1916 and the five-year average from 1911 to 1915, inclusive. The small crop of 1917 was selling at 27.7 cents a pound in December, 1917, against 10 cents a pound, the December average for the five-year period.

State.	Five-year Average, Bales.	1916, Bales.	1917, Bales.
VIRGINIA.	23,762	27,127	16,000
N. CAROLINA.	872,830	654,603	570,000
GEORGIA.	2,297,697	1,820,939	1,820,000
FLORIDA.	64,787	41,449	40,000
ALABAMA.	1,465,301	533,402	505,000
MISSISSIPPI.	1,152,041	811,794	895,000
LOUISIANA.	399,007	443,182	615,000
TEXAS.	4,180,240	3,725,700	3,115,000
ARKANSAS.	927,273	1,134,033	895,000
TENNESSEE.	358,538	382,422	206,000
MISSOURI.	60,871	62,699	51,000
OKLAHOMA.	957,106	823,526	890,000
CALIFORNIA.	23,846	43,620	67,000
ALL OTHER.	8,296	13,604	29,000
U. S.	14,175,872	11,449,930	10,949,000
Latest.			11,302,375

Red clover known to be grown in Rhode Island as early as the year 1750.

ALL WHEAT—FULL CROP, 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, estimating acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.	140,000	9.5	1,330,000
ARIZ.	38,000	26.0	988,000
ARK.	251,000	12.0	3,048,000
CALIF.	506,000	15.0	7,590,000
COLO.	742,000	18.0	13,335,000
CONN.	133,000	13.0	1,729,000
DEL.	FLA.		
GA.	356,000	10.2	3,631,000
IDAHO.	845,000	21.4	18,043,000
ILL.	2,774,000	22.0	60,991,000
IND.	2,353,000	21.0	49,427,000
IOWA.	1,050,000	18.7	19,650,000
KAS.	7,248,000	14.1	102,008,000
KY.	933,000	13.0	12,129,000
LA.			
MAINE.	23,000	22.0	506,000
MD.	732,000	15.5	11,346,000
MASS.			
MICH.	754,000	14.2	10,716,000
MINN.	3,799,000	21.0	79,710,000
MISS.	30,000	16.5	495,000
MO.	3,092,000	13.0	53,154,000
MONT.	2,062,000	12.3	25,434,000
NEB.	3,828,000	11.3	43,141,000
NEV.	42,000	25.5	1,070,000
N. H.			
N. J.	100,000	17.0	1,700,000
N. M.	213,000	15.7	3,334,000
N. Y.	430,000	18.2	7,840,000
N. C.	1,015,000	7.0	7,105,000
N. D.	7,770,000	13.0	101,010,000
OHIO.	2,290,000	19.0	43,547,000
OKLA.	2,611,000	12.6	32,899,000
OREGON.	1,038,000	14.7	15,228,000
PENN.	1,454,000	17.0	24,718,000
R. I.			
S. C.	205,000	11.0	2,255,000
S. D.	3,765,000	18.9	71,305,000
TENN.	750,000	10.0	7,500,000
TEXAS.	892,000	10.0	8,920,000
UTAH.	320,000	20.2	6,464,000
VT.	18,000	22.0	396,000
VA.	1,300,000	12.0	15,600,000
WASH.	2,191,000	12.1	26,429,000
W. VA.	348,000	14.2	4,942,000
WIS.	406,000	24.2	9,837,000
WYO.	260,000	25.4	6,600,000
U. S.	59,110,000	15.5	917,100,000

Acreage of Non-food Crops.

The following statement shows the acreage planted in cotton, flax and sorghum cane from and including the year 1909:

Year.	Cotton, Acres.	Flax, Acres.	Sorghum Cane, Acres.
1909.	30,938,000	2,083,000	189,000
1910.	32,403,000	2,467,000	184,000
1911.	36,045,000	2,757,000	170,000
1912.	34,283,000	2,851,000	165,000
3 Years.	102,731,000	8,075,000	519,000
1913.	37,089,000	2,291,000	159,000
1914.	36,832,000	1,645,000	150,000
1915.	31,412,000	1,387,000	164,000
3 Years.	105,333,000	5,323,000	473,000
1916.	34,985,000	1,474,000	157,000
1917.	33,841,000	1,809,000	378,000
1918.	37,073,000	1,967,000	352,000
3 Years.	105,899,000	5,250,000	887,000

In the list of flower seeds published in 1660 in a Boston newspaper advertisement were those of the marigold, sensitive plant, branching larkspur, white and yellow chrysanthemum, sweet peas, tall hollyhock, pink, Sweet William and French honeysuckle.

From the silk manufactured near Charleston, S. C., in the year 1755 three dresses were made in England—one presented to the Princess Dowager of Wales, another to Lord Chesterfield, and the third to a person, name not given.

Wheat on All Farms.

This statement is made up by the United States Agricultural Department on March 1st of each year. We show the quantity shipped out to March 1st, 1918, the amount remaining on the farms and the percentage of the crop remaining on farms. The final estimate of the 1917 crop is in another table.

State.	Shipped Out, Bushels.	On Hand, of Bushels.	Per Cent. Crop.
ALA.	28,000	56,000	6
ARIZ.	41,000	33,000	4
ARK.	672,000	538,000	16
CALIF.	3,712,000	520,000	7
COLO.	6,633,000	2,843,000	21
CONN.			
DEL.	1,232,000	519,000	24
FLA.			
GA.	83,000	187,000	9
IDAHO.	9,128,000	1,798,000	13
ILL.	17,632,000	4,256,000	14
IND.	18,700,000	4,675,000	14
IOWA.	3,674,000	1,336,000	16
KAS.	20,670,000	3,675,000	8
KY.	2,160,000	1,080,000	12
LA.			
MAINE.	3,000	62,000	40
MD.	6,885,000	2,869,000	21
MASS.			
MICH.	7,605,000	2,586,000	17
MINN.	34,779,000	13,912,000	24
MISS.	84,000	8,000	4
MO.	15,147,000	3,856,000	14
MONT.	8,982,000	2,515,000	14
NEB.	6,882,000	2,753,000	20
NEV.	114,000	182,000	16
N. H.			
N. J.	490,000	423,000	25
N. M.	387,000	413,000	16
N. Y.	3,354,000	1,677,000	20
N. C.	488,000	2,246,000	23
N. D.	33,600,000	11,760,000	21
OHIO.	20,570,000	9,051,000	22
OKLA.	16,042,000	1,782,000	5
OREGON.	7,943,000	1,281,000	10
PENN.	9,793,000	6,365,000	31
R. I.			
S. C.	18,000	129,000	7
S. D.	35,897,000	11,966,000	23
TENN.	918,000	628,000	13
TEXAS.	6,480,000	810,000	5
UTAH.	2,260,000	1,412,000	25
VT.	1,000	22,000	36
VA.	6,451,000	4,301,000	24
WASH.	20,453,000	3,506,000	12
W. VA.	662,000	1,102,000	25
WIS.	1,385,000	1,172,000	22
WYO.	1,262,000	967,000	23
U. S.	333,300,000	111,272,000	17

THE RICE CROP OF 1918.

The rice crop acreage during the war period increased from 694,000 acres in 1914 to 1,120,400 acres in 1918. The production increased correspondingly. The average production per acre also increased, and was the largest in 1916.

State.	Planted, Acres.	Per Cent. of 1917.	Pro- duction, Bushels.
ALA.	600	150	15,000
ARK.	172,500	118	6,818,000
CALIF.	108,000	135	6,388,000
FLA.	1,200	150	32,000
GA.	1,200	133	30,000
LA.	580,000	116	19,262,000
MISS.	3,000	143	73,000
MO.	500	120	21,000
N. C.	500	167	10,000
S. C.	4,500	150	103,000
TEXAS.	248,000	108	9,166,000
U. S.	1,120,400	116	41,918,000
Latest.	1,112,770	116	40,424,000

McCullough's Statistics of the British Empire records that in 1760 William Dawson introduced the custom of plowing two horses abreast with lines.

In the year 1762 Fahrenheit used ice and salt mixture in fixing scale for the thermometer which bears his name.

WHEAT PLANTING—FALL, 1918.

The Agricultural Department has issued a recommendation for winter wheat planting in 1918, which is an average of seven per cent. over the 1917 planting. The tabulated statement herewith shows the largest winter wheat acreage planted in the different states heretofore and the recommendation is also given to show the reasonableness of the desired action.

State.	Maxi- mum Acre- age Planted.	Maxi- mum Now Sug- gested.	Per Cent. 1917 age.
ALA.....	144,000	158,000	105
ARIZ.....	44,000	48,000	105
ARK.....	288,000	317,000	105
CALIF.....	489,000	538,000	105
COLO.....	462,000	508,000	105
DEL.....	146,000	160,000	105
GA.....	428,000	514,000	105
IDAHO.....	405,000	405,000	125
ILL.....	2,934,000	3,200,000	113
IND.....	2,820,000	3,100,000	110
IOWA.....	525,000	900,000	131
KAS.....	9,479,000	9,479,000	100
KY.....	968,000	1,142,000	110
MD.....	737,000	811,000	105
MICH.....	963,000	941,000	100
MINN.....	89,000	89,000	100
MISS.....	36,000	45,000	110
MO.....	2,875,000	3,235,000	108
MONT.....	775,000	775,000	100
NEB.....	3,674,000	3,762,000	117
NEV.....	23,000	10,000	100
N. J.....	99,000	104,000	102
N. M.....	270,000	283,000	102
N. Y.....	512,000	563,000	103
N. C.....	1,179,000	1,297,000	105
N. D.....	2,145,000	2,500,000	109
OKLA.....	3,400,000	3,400,000	100
OREGON.....	692,000	692,000	105
PENN.....	1,530,000	1,683,000	103
S. C.....	270,000	297,000	105
S. D.....	182,000	182,000	111
TENN.....	901,000	1,010,000	110
TEXAS.....	1,730,000	1,730,000	107
UTAH.....	256,000	275,000	105
VA.....	1,463,000	1,609,000	105
WASH.....	1,156,000	850,000	180
W. VA.....	355,000	390,000	105
WIS.....	112,000	112,000	100
WYO.....	84,000	92,000	105
U. S.....	44,640,000	47,206,000	107

NOTE—States that suffered from drouth conditions were not asked to increase wheat acreage. In Michigan, Wisconsin, Minnesota and South Dakota, larger increase of winter wheat acreage is not suggested, because of heavy increases suggested for rye. The actual planting of fall wheat crop of 1919 is estimated at 42,170,000 acres.

WHEAT ON FARMS, 1915, 1916, 1917.

This table shows the amount of wheat reported as being on farms on the 1st of March for several years. A separate table shows the amount of wheat on farms on March 1st, 1918.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
PENN.....	5,462,000	8,612,000	4,702,000
MD.....	2,368,000	2,568,000	2,048,000
VA.....	2,598,000	4,022,000	2,925,000
N. C.....	2,126,000	2,551,000	1,796,000
OHIO.....	8,038,000	12,058,000	3,240,000
IND.....	6,486,000	10,028,000	2,527,000
ILL.....	5,550,000	9,576,000	1,460,000
MICH.....	3,983,000	5,725,000	2,448,000
MINN.....	10,314,000	19,844,000	5,787,000
IOWA.....	3,013,000	4,556,000	1,672,000
MO.....	6,933,000	5,798,000	1,492,000
N. D.....	15,502,000	39,512,000	11,011,000
S. D.....	6,945,000	17,853,000	5,958,000
NEB.....	10,899,000	23,436,000	15,081,000
KAS.....	30,124,000	25,569,000	10,782,000
KY.....	1,254,000	1,188,000	641,000
TEXAS.....	1,547,000	2,813,000	924,000
OKLA.....	4,793,000	5,052,000	1,775,000
MONT.....	3,488,000	10,545,000	4,871,000
COLO.....	2,036,000	3,167,000	2,020,000
IDAHO.....	2,442,000	3,933,000	2,110,000
WASH.....	5,021,000	7,713,000	4,516,000
OREGON.....	1,826,000	3,004,000	2,737,000
U. S.....	152,903,000	244,448,000	101,365,000
U. S., on Farms, March 1st, 1918..			111,272,000

FALL WHEAT PLANTING, 1917-1918.

A statement issued December, 1918, by the United States Department of Agriculture for December, 1918, shows extent of wheat planting in autumn of 1917 (as revised a year after planting) and the preliminary estimate for the autumn of 1918. The increase or decrease in planting in 1918 over 1917, by percentage, is also shown.

State.	1917. Acres.	Per Cent.	1918, Acres.
ALA.....	144,000	120	173,000
ARIZ.....	44,000	95	42,000
ARK.....	260,000	137	356,000
CALIF.....	633,000	142	899,000
COLO.....	585,000	107	626,000
CONN.....	000	000	000
DEL.....	146,000	106	155,000
GA.....	400,000	102	408,000
IDAHO.....	315,000	105	331,000
ILL.....	2,602,000	125	3,252,000
IND.....	2,370,000	122	2,891,000
IOWA.....	375,000	200	750,000
KAS.....	9,897,000	113	11,184,000
KY.....	952,000	111	1,057,000
MD.....	770,000	106	816,000
MASS.....	000	000	000
MICH.....	941,000	106	997,000
MINN.....	85,000	87	74,000
MISS.....	36,000	117	42,000
MO.....	3,120,000	136	4,243,000
MONT.....	775,000	91	705,000
NEB.....	3,135,000	112	3,511,000
NEV.....	5,000	101	5,000
N. J.....	106,000	106	112,000
N. M.....	140,000	130	182,000
N. Y.....	450,000	106	477,000
N. C.....	1,035,000	99	1,025,000
N. D.....	000	000	000
OHIO.....	3,350,000	111	2,608,000
OKLA.....	2,360,000	110	3,590,000
OREGON.....	650,000	125	812,000
TENN.....	765,000	106	811,000
S. C.....	210,000	99	208,000
S. D.....	135,000	80	108,000
TENN.....	705,000	106	811,000
TEXAS.....	1,622,000	130	2,109,000
UTAH.....	165,000	104	172,000
VT.....	000	000	000
VA.....	1,313,000	101	1,326,000
WASH.....	422,000	235	992,000
W. VA.....	355,000	105	373,000
WIS.....	112,000	92	103,000
WYO.....	87,000	96	84,000
U. S.....	42,301,000	116	49,261,000

FARM TENURE—WHITE AND COLORED.

There were 6,361,502 farms in the United States in the last census year. Of the total 5,440,619 were conducted by white farmers and 920,993 were conducted by colored farmers. Of white farmers in ten years there was an increase of 9.5 per cent., or 471,011 farms, and there was an increase of 19.9 per cent. of colored farmers, or 153,119 farms:

WHITE FARMERS.

Tenure.	Year. 1900.	Year. 1910.	Increase. Per Cent.
Owners.....	3,025,931	3,159,088	133,157 4.4
Part Owners.....	420,875	548,413	127,538 30.3
Managers.....	57,261	56,560	-701-1.2
On Shares.....	988,539	1,140,215	151,676 15.3
Cash Rent.....	477,002	536,343	59,341 12.4
Total U. S.....	4,969,608	5,140,619	171,011 9.5

COLORED FARMERS.

Tenure.	Year. 1900.	Year. 1910.	Increase. Per Cent.
Owners.....	176,016	195,809	19,793 11.2
Part Owners.....	30,501	45,412	14,911 48.9
Managers.....	1,824	1,534	-280 15.4
On Shares.....	284,700	388,174	103,474 36.3
Cash Rent.....	274,603	289,944	15,218 5.6
Total U. S.....	767,764	920,883	153,119 19.9
All Farms.....	5,737,372	6,361,502	624,130 10.9

In the year 1747 was issued "Memoirs on Wool" first publication of its class in Great Britain.

Rev. Jared Eliot, in a book on farm husbandry, urges the growth of clover for the reason that an acre of it would produce two bushels of seed, worth thirty-five pounds in the currency of the year 1748.

In the year 1748 the Province of New Jersey passed a law requiring that trotting and pacing races be held only at Fairs.

Sweet Potatoes, 1915-1916.

The sweet potato crop of 1914 was 56,574,000 bushels; of 1915 it was 75,639,000 bushels; and in 1916 the crop was 70,955,000 bushels. The area in 1914 was 603,000 acres; in 1915 the area was 731,000 acres; and in 1916 the ground devoted to raising sweet potatoes was 774,000 acre.

State.	1915.		1916.	
	Yield Per Acre, Bushels.	Pro-duction, Bushels.	Yield Per Acre, Bushels.	Pro-duction, Bushels.
ALA.....	90	7,200,000	74	6,290,000
ARK.....	130	3,900,000	91	3,185,000
CAL.....	135	810,000	160	960,000
DEL.....	135	675,000	125	625,000
FLA.....	112	2,576,000	100	2,500,000
GA.....	85	8,075,000	80	7,520,000
ILL.....	110	880,000	90	720,000
IND.....	104	208,000	100	300,000
IOWA.....	95	285,000	91	273,000
KAS.....	110	440,000	92	368,000
KY.....	105	1,050,000	90	900,000
LA.....	92	5,980,000	90	5,760,000
MD.....	130	1,040,000	126	1,134,000
MISS.....	110	8,250,000	82	6,314,000
MO.....	100	700,000	70	490,000
N. J.....	155	3,565,000	100	2,300,000
N. C.....	105	8,925,000	107	9,309,000
OHIO.....	95	95,000	99	99,000
OKLA.....	115	1,380,000	74	962,000
PENN.....	105	105,000	100	100,000
S. C.....	105	6,825,000	86	5,676,000
TENN.....	105	2,835,000	100	2,700,000
VA.....	110	3,740,000	130	5,070,000
W. VA.....	110	220,000	140	280,000
U. S. . .	103.5	75,639,000	91.7	70,955,000

SWEET POTATOES—1917.

The 1917 crop of sweet potatoes, as estimated by the United States Department of Agriculture, is a large crop. Georgia shows largely increased production, and the general average per acre is much the same as in 1916. The acreage increased from 774,000 in 1916 to 953,000 acres in 1917.

State.	Planted Acres.	Yield Per Acre.	Pro-duction, Bushels.
ALA.....	178,000	90.0	16,020,000
ARK.....	40,000	110.0	4,400,000
CALIF.....	6,000	167.0	1,002,000
DEL.....	5,000	112.0	560,000
FLA.....	35,000	100.0	3,500,000
GA.....	125,000	93.0	11,625,000
ILL.....	8,000	97.0	776,000
IND.....	3,000	106.0	318,000
IOWA.....	3,000	90.0	270,000
KAS.....	4,000	92.0	368,000
KY.....	12,000	95.0	1,140,000
LA.....	62,000	79.0	4,898,000
MD.....	10,000	118.0	1,180,000
MISS.....	85,000	65.0	5,525,000
MO.....	8,000	112.0	896,000
N. J.....	24,000	120.0	2,880,000
N. C.....	2,000	118.0	236,000
N. M.....	90,000	95.0	8,550,000
N. Y.....	1,000	95.0	95,000
OKLA.....	15,000	90.0	1,350,000
PENN.....	1,000	110.0	110,000
S. C.....	80,000	95.0	7,600,000
TENN.....	30,000	95.0	2,850,000
TEXAS.....	84,000	78.0	6,552,000
VA.....	40,000	104.0	4,160,000
W. VA.....	2,000	140.0	280,000
U. S. . .	953,000	91.4	87,141,000
Latest.....	919,000	91.2	83,822,000

THE ORANGE RESULTS—1917.

Here we have a table showing the results in orange growing in Florida and California. The relative importance of California and Florida as orange-growing states can be ascertained from this table:

State.	1915. Boxes.	1916. Boxes.	1917. Boxes.
FLA.....	6,150,000	6,933,000	4,200,000
CALIF.....	15,050,000	17,500,000	8,632,000
Total.....	21,200,000	24,433,000	12,832,000
Latest.....			10,593,000

SWEET POTATOES—CROP OF 1918.

Sweet potatoes increased in acreage and production, 1917 and 1918 being the banner years. The largest production per acre was in 1915 and the largest acreage in 1918.

State.	Planted, Acres.	Per Cent. of 1917.	Pro-duction, Bushels.
ALA.....	190,000	107	16,568,000
ARK.....	37,000	92	3,120,000
CALIF.....	6,000	104	949,000
DEL.....	5,000	97	599,000
FLA.....	38,000	110	4,166,000
GA.....	129,000	103	11,349,000
ILL.....	8,000	97	734,000
IND.....	3,000	100	307,000
IOWA.....	3,000	90	283,000
KAS.....	4,600	100	288,000
KY.....	11,000	94	1,041,000
LA.....	60,000	97	4,284,000
MD.....	10,000	100	1,250,000
MISS.....	89,000	105	9,117,000
MO.....	8,000	102	693,000
N. J.....	23,000	96	2,893,000
N. M.....	2,000	100	272,000
N. C.....	81,000	90	8,081,000
OHIO.....	1,000	100	103,100
OKLA.....	15,000	101	794,100
PENN.....	1,000	101	108,000
S. C.....	80,000	100	7,387,000
TENN.....	28,000	95	2,576,000
TEXAS.....	87,000	104	4,902,000
VA.....	38,000	96	4,085,000
W. VA.....	2,000	100	218,000
U. S. . .	959,000	101	85,473,000
Latest.....	922,000	100	83,822,000

FLAXSEED CROP OF 1918.

Flaxseed in a general way is a decreasing crop, and the crop of 1918 was not much over half the crop of 1912, when 2,851,000 acres were planted and 28,073,000 bushels were harvested.

State.	Planted, Acres.	Per Cent. of 1917.	Pro-duction, Bushels.
COL.....	13,000	106	137,000
IOWA.....	32,000	95	157,000
KAS.....	233,000	106	2,447,000
MINN.....	6,000	102	42,000
MO.....	578,000	137	3,487,000
MONT.....	7,000	140	66,000
N. D.....	955,000	99	7,879,000
S. D.....	140,000	100	1,365,000
WYO.....	3,000	100	26,000
U. S. . .	1,967,000	109	15,606,000
Latest.....	1,938,000	...	14,657,000

CLOVER SEED—1918.

State.	Planted, Acres.	Per Cent. of 1917.	Pro-duction, Bushels.
IDAHO.....	19,000	105	97,000
ILL.....	97,000	135	172,000
IND.....	155,000	115	231,000
IOWA.....	21,000	125	30,000
KAS.....	7,000	90	12,000
MICH.....	93,000	116	160,000
MINN.....	18,000	73	34,000
MO.....	42,000	85	60,000
NEB.....	4,000	120	7,000
N. Y.....	5,000	104	11,000
OHIO.....	231,000	105	310,000
OREGON.....	8,000	50	19,000
PENN.....	12,000	115	17,000
TENN.....	6,000	107	10,000
WIS.....	78,000	60	161,000
U. S. . .	819,000	100	1,383,000

SUGAR BEETS—1918.

State.	1918, Acres Planted.	1918, Production, Tons.	1917, Production, Tons.
CALIF.....	120,000	1,102,000	1,331,000
COLO.....	142,000	1,441,000	1,858,000
IDAHO.....	37,000	347,000	312,000
MICH.....	134,500	1,011,000	524,000
OHIO.....	36,100	319,000	220,000
UTAH.....	90,100	1,094,000	762,000
OTHER.....	128,400	1,144,000	973,000
Total.....	689,700	6,458,000	5,980,000
Latest.....	592,100	5,822,600	5,980,377

Milo Maize and Kafir Corn.

These crops have seldom been enumerated. They are in one class. In 1899 the census reported 266,513 acres devoted to the production of these crops and resulting in a production of 5,169,113 bushels. In 1909 the acreage was increased to 1,635,153 and the production to 17,597,305 bushels.

State.	Acreage, 1899.	Acreage, 1909.	Bush- 1899.	Bush- 1909.
ALA.....	4	140	90	1,716
ARIZ.....	1	801	50	15,739
ARK.....	109	1,294	1,722	15,284
CALIF..	20,218	44,308	420,452	938,049
COLO....	18	11,971	302	139,234
CONN....	.....	4	.....	105
DEL.....	2	1	65	25
FLA.....	.....	16	.....	422
GA.....	26	15	369	237
IDAHO..	.....	9	.....	140
ILL.....	34	415	808	7,739
IND.....	3	179	37	3,228
IOWA....	60	142	1,408	3,081
KANS....	154,706	388,495	3,063,781	5,115,415
KY.....	.....	190	.....	2,404
LA.....	.....	213	.....	2,132
MAINE..	.....	.....	.....	.....
MD.....	1	19	6	238
MASS....	.....	21	.....	1,317
MICH....	.....	84	.....	1,786
MINN....	43	75	1,096	3,335
MISS....	9	44	277	794
MO.....	1,990	13,543	38,497	228,386
MONT....	.....	53	.....	1,253
NEB.....	742	2,016	13,607	20,212
NEV.....	.....	15	.....	385
N. H.....	.....	23	.....	350
N. J.....	.....	76	.....	1,436
N. M.....	138	63,570	4,473	543,350
N. Y.....	.....	227	.....	5,082
N. C.....	2	65	8	599
N. D.....	25	23	375	444
OHIO....	12	82	90	1,920
OKLA....	65,418	532,515	1,136,772	4,658,752
ORE.....	4	24	134	617
PENN....	1	283	14	5,129
R. I.....	.....	.....	.....	.....
S. C.....	.....	8	.....	135
S. D.....	21	139	280	1,411
TENN....	10	119	257	1,539
TEXAS..	22,813	573,384	482,096	5,860,444
UTAH....	.....	.....	.....	.....
VT.....	.....	.....	.....	.....
VA.....	9	80	170	1,438
WASH....	.....	4	.....	47
W. VA....	.....	26	.....	467
WIS.....	88	425	1,877	8,106
WYO....	.....	17	.....	410

Total. 266,513 1,635,750 5,169,113 17,597,305

MONTHLY PRICES OF WOOL.

The following table gives the United States estimated average price per pound to producers of unwashed wool, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January.....	Cts. 15.7	Cts. 18.6	Cts. 23.3	Cts. 31.8	Cts. 58.1
February.....	15.7	20.2	24.2	32.7	57.1
March.....	16.4	22.8	25.9	36.7	60.0
April.....	16.8	22.7	26.3	38.3	58.2
May.....	17.2	22.0	28.0	43.7	58.2
June.....	18.4	23.7	28.7	49.8	57.4
July.....	18.5	24.2	28.6	54.3	57.5
August.....	18.7	23.8	29.0	54.8	57.4
September.....	18.6	23.3	28.4	54.2	59.7
October.....	18.0	22.7	28.7	55.5	57.7
November.....	18.1	22.7	29.4	55.9	56.4
December.....	18.6	23.3	30.8	58.2	56.2

Average..... 17.6 22.5 27.6 47.2 58.0

The plain-gaited saddle horse, without education, developing, about 1730, into the fine-gaited saddle horse.

Speaking of the tomato in 1731 Philip Miller, in his Gardeners' Dictionary, says: "The Italians and Spaniards eat these apples (love apples) as we do cucumbers—with pepper, oil and salt—and some eat them stewed in sauces."

Timothy, Clover and Millets.

This is a basic table from the last census, showing the amount of timothy hay, timothy and clover mixed, also straight clover and the millets (including Hungarian grass) grown in the United States in a normal year, as follows:

State.	Timothy, Tons.	Mixed, Tons.	Clover, Tons.	Millets, Tons.
ALA.....	4,566	4,169	7,544	15,228
ARIZ.....	182	289	119	791
ARK.....	35,113	72,190	18,369	14,652
CAL.....	20,001	73,183	20,836	2,688
COLO....	33,482	84,636	3,695	35,263
CONN....	82,083	147,896	2,562	4,510
DEL.....	22,538	31,387	27,467	1,081
D. C.....	287	328	15	930
FLA.....	747	1,201	1,618	1,266
GA.....	3,237	4,153	2,266	3,985
IDA.....	140,134	99,864	20,944	1,071
ILL.....	1,947,572	1,123,254	539,790	46,918
IND.....	1,442,218	524,883	314,818	25,147
IA.....	1,952,956	3,732,186	195,579	54,346
KAS.....	144,536	357,159	79,144	290,661
KY.....	353,239	204,865	10,688	35,951
LA.....	1,331	4,597	15,287	858
ME.....	143,855	559,293	5,753	16,793
MD.....	159,690	215,052	32,942	2,819
MASS....	153,622	249,317	3,145	15,276
MICH....	929,165	1,991,618	216,362	16,349
MINN....	1,101,510	1,433,075	106,334	50,383
MISS....	1,620	2,604	12,000	2,390
MO.....	1,334,556	1,630,211	309,209	141,620
MONT....	171,030	156,039	24,094	4,742
NEB.....	138,729	470,764	46,648	160,684
NEV.....	21,395	26,157	420	9,251
N. H.....	83,412	203,106	3,292	9,251
N. J.....	146,700	236,490	9,475	10,637
N. M.....	3,233	2,650	410	31,147
N. Y.....	1,159,083	3,215,021	114,864	3,529
N. C.....	16,011	39,050	39,445	149,429
N. D.....	197,947	39,724	1,386	12,104
OHIO....	2,348,660	1,346,347	239,492	75,591
OKLA....	9,817	6,355	2,214	1,690
ORE.....	67,239	129,278	83,909	10,675
PENN....	1,200,073	1,830,852	74,096	1,392
R. I.....	21,892	28,292	295	1,576
S. C.....	1,654	237	536	65,844
S. D.....	248,927	218,371	4,194	76,311
TENN....	130,834	236,656	201,926	95,352
TEX.....	916	468	878	876
UTAH....	34,214	24,115	1,793	13,607
VT.....	179,847	628,098	6,640	14,589
VA.....	169,881	366,744	63,056	4,211
WASH....	145,461	253,194	21,913	8,906
W. VA....	278,074	249,986	2,814	9,851
WIS.....	1,110,446	2,477,311	193,786	6,252
WYO....	44,655	16,328	808	.....

Total 17,985,420 24,748,555 3,158,324 1,546,533

SUGAR CANE AREA, 1909-18.

The following acreage is for ribbon cane only—not for sorghum—and is by the United States Department of Agriculture:

State.	Area, 1918, 1900, Prelim. (Census inary).	Area, 1918, 1900, Prelim. (Census inary).
NORTH CAROLINA.....	294	730
SOUTH CAROLINA.....	7,053	6,900
GEORGIA.....	37,046	67,300
FLORIDA.....	12,928	16,300
ALABAMA.....	27,211	81,000
MISSISSIPPI.....	24,861	17,600
LOUISIANA.....	320,684	315,000
TEXAS.....	34,315	25,100
ARKANSAS.....	3,330	3,350
OTHER STATES.....	127	.....

Total United States..... 476,849 533,880

In the year 1723 Mr. Alstroemer, an enterprising Swedish farmer, introduced Merino sheep into his own country. He encouraged the government to establish an agricultural school, which offered premiums for Spanish Merinos and the best wool.

In the year 1728 mention is made of "little machines which, being played by the motion of a wheel, the cotton falls on one side and the seed on the other, and thus they are separated," a primitive cotton-gin.

Sugar Beets.

Although sugar beets are raised largely in a few states, it is proper to show the entire production, no matter how small it may be in some states. When the last census was taken, beets were produced on 35,682 farms, and the acreage devoted to sugar beet raising was 354,093. The production in tons was 3,932,857, of which 30,876 tons were used as root forage and 3,902,071 tons were used for the manufacture of beet sugar. This industry had made a tremendous increase in ten years. At the previous census 14,035 farms were producing beets, the acreage was 110,170, and the production was 793,353 pounds.

State.	1910.		Produce- tion, Tons.	Used as Forage.	Used For Sugar.
	Farms porting.	Area, Acres.			
ALA.	12	18	43	43	.....
ARIZ.	67	4,443	49,630	6	49,624
ARK.	155	244	468	468	.....
CAL.	1,113	78,357	845,191	1,922	843,269
COL.	4,898	108,082	1,231,712	994	1,230,718
CONN.	2	3	25	25	.....
DEL.	2	2	3	3	.....
D. C.	2	2	3	3	.....
FLA.	75	49	164	164	.....
GA.	1,037	15,601	179,661	23	179,638
ILL.	293	1,181	14,981	65	14,916
IND.	109	756	7,194	646	6,548
IA.	247	1,051	7,117	155	6,962
KAS.	210	5,851	50,736	151	50,585
KY.	160	192	675	675	.....
LA.	3	1	15	15	.....
ME.	43	21	198	198	.....
MD.	8	5	81	81	.....
MASS.	65	74	742	742	.....
MICH.	14,690	78,779	707,639	649	706,990
MINN.	774	2,238	24,140	384	23,756
MISS.	30	19	69	69	.....
MO.	106	180	506	506	.....
MONT.	369	8,804	109,454	658	108,776
NEB.	327	4,191	39,874	118	39,756
NEV.	4	3	36	36	.....
N. H.	3	3	125	125	.....
N. J.	28	36	529	529	.....
N. M.	29	55	239	72	167
N. Y.	376	1,313	10,990	930	10,060
N. C.	32	39	85	85	.....
N. D.	4	3	59	59	.....
OHIO	1,129	7,036	63,696	150	63,546
OKLA.	101	207	359	359	.....
ORE.	208	1,176	15,606	9,093	6,513
PENN.	71	57	800	800	.....
R. I.	2	3	3	3	.....
S. C.	37	52	95	95	.....
S. D.	9	5	28	28	.....
TENN.	123	167	429	429	.....
TEX.	161	293	611	611	.....
UTAH	3,644	27,472	413,946	135	413,811
VT.	11	5	46	46	.....
VA.	36	20	94	94	.....
WASH.	381	1,820	13,794	7,238	6,556
W. VA.	10	5	45	45	.....
WIS.	4,341	12,379	127,526	880	126,646
WYO.	136	1,207	13,418	184	13,234
Total.	35,682	364,093	3,932,857	30,786	3,902,071
1900.	14,035	110,170	793,353	.....	.....

In the year 1730 the first English cotton-
oil mill was erected in the city of Gloucester,
one of the important centers of enterprise in
the west of England, not far from the sea-
port of Bristol.

Poor Richard's Almanac was first pub-
lished by Benjamin Franklin at Philadelphia
in the year 1732.

In the year 1732 John Kirby, traveler in
England, writing of the Suffolk Red Polled
cattle district, said that the butter "was
justly esteemed and the pleasant in
England."

Sugar From Sugar Beets.

In considering the status of the
sugar beet industry we find that the
average size of a sugar beet acreage
on a farm is 10.2 acres, although in
some states it is much larger; the
yield per acre averaged 10.80 tons,
the value per ton averaged \$5.06,
the average value per acre
was \$54.60, and the total value of the
crop was \$19,880,724. Ten years
previous the average acreage per
farm was 7.8, the average yield per
acre was 7.20 tons, the value per ton
was \$4.19, the value per acre was
\$30.16, the total value of that crop
was \$3,323,240. The entire Colorado
sugar beet industry appears to have
grown between 1900 and 1910.

State.	1909.		Yield Per Acre, Tons.	Value Per Ton.	Value Per Acre.	Value of Crop.
	Aver- age Acres.	Per Acre, Tons.				
ALA.	1.5	2.39	\$ 9.19	\$ 21.94	\$ 395	.....
ARIZ.	6.63	11.17	4.78	53.34	236,997	.....
ARK.	1.6	1.92	8.43	16.17	3,945	.....
CALIF.	70.9	10.70	5.11	54.72	4,320,532	.....
COLO.	2.21	11.40	4.92	56.08	6,061,152	.....
CONN.	.....	.....	.....	.....	.....	.....
DEL.	1.0	8.33	7.44	62.00	186	.....
D. C.	.....	.....	.....	.....	.....	.....
FLA.	1.0	1.50	20.00	30.00	60	.....
GA.	0.7	3.35	8.45	28.27	1,385	.....
IDAHO	15.0	11.52	4.53	52.15	813,604	.....
ILL.	4.0	12.69	5.19	65.82	77,732	.....
IND.	6.9	9.52	5.68	54.05	40,861	.....
IOWA.	4.3	6.77	4.92	33.32	35,024	.....
KAS.	27.9	8.67	5.05	43.80	256,262	.....
KY.	1.2	3.52	5.84	20.52	3,939	.....
LA.	0.3	15.00	16.00	240.00	240	.....
MAINE.	0.5	9.43	9.16	86.38	1,814	.....
MD.	0.6	16.20	6.68	108.20	541	.....
MASS.	1.1	10.03	12.49	125.26	9,269	.....
MICH.	5.4	8.98	5.67	50.95	4,014,123	.....
MINN.	2.9	10.79	4.91	53.00	118,625	.....
MISS.	0.6	3.63	9.42	34.21	650	.....
MO.	1.7	2.81	5.74	16.14	2,905	.....
MONT.	23.9	12.43	5.00	62.11	546,332	.....
NEB.	12.8	9.51	4.52	43.01	180,247	.....
NEV.	0.8	12.00	5.53	66.33	199	.....
N. H.	1.0	41.67	8.04	335.00	1,005	.....
N. J.	1.3	14.69	4.94	72.64	2,615	.....
N. M.	1.9	4.35	6.24	27.13	1,492	.....
N. Y.	3.5	8.37	5.39	45.09	59,800	.....
N. C.	1.2	2.18	7.46	16.26	634	.....
N. D.	0.8	19.67	6.27	123.33	370	.....
OHIO.	6.2	9.05	5.02	45.43	319,667	.....
OKLA.	2.1	1.73	7.56	13.12	2,715	.....
ORE.	5.7	13.27	4.80	63.69	74,902	.....
PENN.	0.8	14.04	7.28	102.21	5,826	.....
R. I.	1.5	1.90	13.33	13.33	40	.....
S. C.	1.4	1.83	12.51	22.85	1,188	.....
S. D.	0.6	5.60	5.86	32.80	164	.....
TENN.	1.4	2.57	6.65	16.83	2,810	.....
TEXAS.	1.8	2.09	9.69	20.20	5,919	.....
UTAH.	7.5	15.07	4.49	67.65	1,858,600	.....
VT.	0.5	9.20	7.00	64.40	322	.....
VA.	0.6	4.70	9.26	43.50	870	.....
WASH.	4.8	7.58	6.23	47.23	85,954	.....
W. VA.	.....	.....	7.31	.....	329	.....
WIS.	2.9	10.30	5.23	53.90	667,185	.....
WYO.	8.9	11.12	4.58	50.87	61,398	.....
Average	10.2	10.80	\$ 5.06	\$ 54.60	\$19,880,724	.....

MONTHLY PRICES OF POPCORN.

The following table gives the United
States estimated average price, cents per
bushel, to producers of popcorn, monthly,
from 1914 to 1918.

Year.	1914.	1915.	1916.	1917.	1918.
January 15.	172.3	164.7	169.3	180.0	301.9
February 15.	173.1	177.7	163.6	219.0	325.0
November 15.	159.0	140.3	181.7	267.5	593.0
December 15.	160.5	156.2	192.0	299.4	556.0

In the year 1723 Lord Bellraven, of Scot-
land, published a book which he described as
a "good, easy method of husbandry."

The Crop of Sorghum Cane.

In the year 1909—the season the last census was based upon—445,684 farms grew sorghum cane, which was seven per cent. of all farms. The total production was 1,647,262 tons, grown upon 444,089 acres. Of the total production 270,775 tons were used as coarse forage and 1,376,487 tons were worked into sorghum syrup. The value of sorghum cane increased from \$3.20 in 1899 to \$6.18 in 1909.

1909.

State.	Farms Reporting.	Area, Acres.	Forage, Tons.	For Yield Making Syrup, Tons.	Per Acre, Tons.
ALA...	24,545	17,819	4,799	67,589	4.06
ARIZ...	122	586	1,122	329	2.48
ARK...	31,952	33,071	10,082	83,041	2.82
CALIF...	48	647	2,833	188	4.67
COLO...	324	3,169	6,987	174	2.26
CONN...	17	9	121	.....	13.44
DEL...	117	66	6	266	4.12
D. C...	.....	.....	.....	.....	.....
FLA...	212	379	159	2,014	5.73
GA...	22,098	15,612	4,134	60,202	4.12
IDA...	14	29	229	24	8.72
ILL...	21,971	15,039	866	89,421	6.00
IND...	22,116	12,253	2,072	77,600	6.50
IOWA...	5,364	6,225	4,360	24,597	4.65
KAS...	2,954	15,406	26,377	34,444	3.95
KY...	57,435	62,327	27,899	198,404	3.63
LA...	1,929	1,690	1,388	4,685	3.59
ME...	3	8	97	.....	12.13
MD...	72	75	66	209	3.67
MASS...	1	3	30	.....	10.00
MICH...	1,251	416	608	2,157	6.65
MINN...	3,672	1,709	336	12,857	7.75
MISS...	19,312	17,851	5,032	50,327	3.10
MO...	42,230	45,088	24,441	176,765	4.46
MONT...	9	17	19	18	2.18
NEB...	782	4,034	9,254	1,223	2.60
NEV...	12	14	.....	100	7.14
N. H...	.....	.....	.....	.....	.....
N. J...	3	.....	2	3	.....
N. M...	422	2,371	2,379	440	1.19
N. Y...	56	143	621	20	4.48
N. C...	41,620	21,227	1,709	84,753	4.07
N. D...	8	26	122	6	4.92
OHIO...	11,900	4,709	507	28,137	6.08
OKLA...	10,758	25,546	29,404	35,195	2.53
ORE...	85	153	1,654	133	11.68
PENN...	121	90	100	206	3.40
R. I...	.....	.....	.....	.....	.....
S. C...	10,892	8,445	5,241	22,371	3.27
S. D...	91	297	654	197	2.87
TENN...	47,130	52,907	22,573	183,328	3.89
TEX...	24,872	55,027	70,789	30,902	1.85
UTAH...	155	340	27	1,627	4.86
VT...	1	2	4	.....	2.00
VA...	16,808	8,288	574	40,875	5.00
WASH...	35	66	695	71	11.61
W. VA...	16,720	8,607	3	48,091	5.59
WIS...	5,436	2,281	237	13,498	6.02
WYO...	4	22	103	.....	4.68
Total.	445,684	444,089	270,775	1,376,487	3.71

Sorghum Syrup.

This tabulated statement shows the farm production of sorghum syrup for four different census years, ten years apart, showing quite a decrease in sorghum syrup making. In 1879 the amount of sorghum syrup made was 28,444,202 gallons, and thirty years later the production is only 16,532,382 gallons. The year 1909 was a bad weather year for sorghum, reducing the average of 6.52 tons per acre in 1899 to 3.71 tons per acre in 1909.

SORGHUM SYRUP MADE ON FARMS—GALLONS.

State.	1879.	1889.	1899.	1909.
ALA...	1,163,451	1,242,689	1,168,868	809,361
ARIZ...	5,771	4,808	9,031	3,967
ARK...	1,118,364	1,868,952	1,223,691	1,140,532
CALIF...	2,459	1,670	8,671	4,330
COLO...	3,227	19,964	2,661	2,547
CONN...	1,163	214	.....	.....
DEL...	25,136	3,371	8,952	4,517
D. C...	.....	.....	.....	.....
FLA...	10,199	10,461	.....	22,177
GA...	981,152	1,342,803	767,024	740,450
IDA...	36	3,093	1,393	407
ILL...	2,265,993	1,110,183	625,939	977,232
IND...	1,741,853	1,751,808	579,041	965,346
IOWA...	2,064,020	1,386,605	521,212	250,205
KAS...	1,429,476	1,484,937	735,787	260,680
KY...	2,962,965	2,094,962	1,277,206	2,733,683
LA...	33,777	107,763	48,727	47,029
ME...	.....	152	.....	.....
MD...	19,837	4,732	4,058	1,782
MASS...	18	45	.....	.....
MICH...	102,500	45,524	24,059	21,350
MINN...	543,369	340,792	157,605	145,934
MISS...	1,062,140	972,216	1,162,269	622,356
MO...	4,129,595	2,721,240	1,990,987	1,788,391
MONT...	.....	.....	100	223
NEB...	246,047	634,146	92,413	14,644
NEV...	350	930	1,465	1,266
N. H...	.....	50	.....	.....
N. J...	1,261	281	450	35
N. M...	251	3,510	2,812	5,289
N. Y...	1,134	8,305	973	14
N. C...	964,662	1,268,946	1,419,570	1,099,346
N. D...	17,012	10	114	102
OHIO...	1,229,852	547,630	341,623	354,131
OKLA...	.....	31,299	179,272	514,807
ORE...	2,283	2,706	2,473	1,374
PENN...	69,767	33,708	6,514	2,585
R. I...	.....	.....	.....	.....
S. C...	281,242	559,216	478,190	262,452
S. D...	16,000	29,372	9,859	2,030
TENN...	3,776,212	2,542,533	2,047,655	2,076,339
TEX...	432,059	1,749,910	877,232	448,185
UTAH...	58,221	24,293	28,017	21,847
VT...	.....	.....	.....	.....
VA...	564,558	546,328	555,321	441,189
WASH...	1,472	1,125	438	634
W. VA...	817,168	512,747	450,777	604,201
WIS...	314,150	219,070	160,414	139,667
WYO...	.....	120	.....	.....
Total.	28,444,202	16,972,783	.....	.....
Total.	24,235,219	16,532,382	.....	.....

Rice Production, 1915-1916.

One of the few crops which exhibited a substantial increase in production in 1916 was rice. The crop of 1914 was 23,649,000 bushels; in 1915 the crop was 28,947,000 bushels; and in 1916, 41,982,000 bushels.

State.	Per Acre, 1915.	Production, Bu.	Per Acre, 1916.	Production, Bu.	Value, \$ c.
ALA.	25.0	8,000	25.0	8,000	18.75
ARK.	48.4	50.0	4,840,000	6,312,000	45.98
CAL.	66.7	67.0	2,268,000	4,543,000	60.00
FLA.	25.0	25.0	12,000	18,000	18.75
GA...	29.3	20.0	26,000	16,000	25.78
LA...	34.2	46.0	13,714,000	20,392,000	30.78
MISS.	25.0	28.0	45,000	53,000	22.00
MO...	50.0	51.0	10,000	10,000	50.00
N. C.	21.0	21.0	4,000	4,000	17.85
S. C.	24.3	14.0	90,000	49,000	21.87
TEX.	30.5	45.0	7,930,000	10,575,000	27.14
Total	36.1	47.8	28,947,000	41,982,000	32.66

Grain Sorghums.

Herewith is an Agricultural Department memorandum relating to the production of grain sorghums, showing production of 1916 and estimate for 1917. The acreage planted in 1917 is 28.4 per cent. greater than in 1916 and the largest increase in acreage of 1916 is in Kansas.

State.	1915.	1916.	1917.	1917.
Production, Bushels.	.....	.....	.....	.....
KAS.	35,100,000	12,000,000	1,850,000	29,230,000
OKL.	30,950,000	8,000,000	1,396,000	29,316,000
TEX.	40,000,000	24,000,000	1,284,000	26,964,000
COL.	1,650,000	700,000	88,000	1,813,000
N. M.	5,400,000	3,960,000	216,000	5,141,000
ARIZ.	1,360,000	1,680,000	60,000	2,052,000

Total 114,460,000 50,340,000 4,894,000 94,516,000

Production of Dry Peas.

In the year 1899 there were 417,864 farms producing dry peas (very largely known as cowpeas, black-eyed peas, etc.), and ten years later the farms producing was reduced to 261,231. The crop also was reduced from 9,440,210 bushels in 1899 to 7,129,294 bushels in 1909. Cowpeas are often grown on the same land as other crops, therefore the acreage figures are only estimates. As between these two census years there appears to be a great falling off in number of Southern farms growing cowpeas. The inference is that these legume crops are largely turned under as green manure.

1899.	1899.	1909.	1909.	1909.
State.	Acres.	Bushels.	Farms.	Acres.
ALA.	91,126	665,388	26,905	85,034
ARIZ.	50	866	15	13
ARK.	31,414	245,894	13,821	52,730
CAL.	2,014	57,299	262	2,959
COLO.	3,621	47,461	832	24,230
CONN.	29	462	18	4
DEL.	518	4,650	523	1,615
D. C.				
FLA.	17,875	159,814	2,642	7,144
GA.	167,032	1,130,441	34,716	210,315
IDA.	170	2,506	59	234
ILL.	12,982	103,886	4,534	14,076
IND.	533	7,357	1,652	13,082
IA.	1,556	27,606	114	731
KAS.	151	2,006	114	825
KY.	8,394	83,089	1,732	8,465
LA.	15,190	146,298	6,330	33,150
ME.	3,300	35,991	1,039	537
MD.	947	12,459	350	742
MASS.	122	2,259	58	30
MIC.	71,376	1,134,431	18,128	94,932
MINN.	670	9,021	530	835
MISS.	39,490	590,037	20,021	73,090
MO.	5,319	54,763	3,462	23,036
MONT.	1,512	32,265	180	1,184
NEB.	126	1,586	26	26
NEV.	4	85		
N. H.	146	1,533	234	122
N. J.	45	806	43	91
N. M.	2,220	28,071	1,453	2,485
N. Y.	14,748	251,889	1,661	4,007
N. C.	88,407	876,167	39,726	169,934
N. D.	84	710	103	399
OHIO	506	7,521	132	323
OKLA.	455	5,049	1,612	6,245
PENN.	482	6,363	128	87
ORE.	1,304	22,615	155	436
R. I.	45	940	18	4
S. C.	143,070	1,162,705	35,660	265,632
S. D.	37	452	89	1,783
TEN.	82,841	760,663	10,175	36,640
TEX.	33,974	333,462	10,296	46,777
UTAH.	143	2,694	55	126
VT.	408	6,045	121	127
VA.	22,206	219,142	4,462	12,091
WASH.	357	91,899	915	3,196
W. VA.	323	3,613	93	232
WIS.	68,817	1,098,819	15,950	78,017
WYO.	13	232	18	326
Total.	968,370		261,231	7,129,294
Total.		9,440,210		1,305,099

The Yield of Flaxseed, 1916.

State.	Yield, Acres.	Pro-duction, Bushels.	Acres, Planted.	Pro-duction, Bushels.
COLO.	9.6	6,000	3,000	25,000
IOWA.	10.0	180,000	19,000	210,000
KAS.	5.8	174,000	34,000	248,000
MINN.	8.5	2,338,000	289,000	2,751,000
MO.	7.0	35,000	6,000	56,000
MONT.	9.5	3,088,000	422,000	1,924,000
NEB.	8.0	32,000	5,000	41,000
N. D.	10.3	8,137,000	964,000	4,643,000
S. D.	9.3	1,395,000	195,000	1,418,000
WIS.	12.0	60,000		
WYO.	7.0	14,000	2,000	19,000
U. S.	9.6	15,459,000	1,939,000	11,335,000

Production of Edible Beans.

Growing edible beans, such as navy beans, is largely confined to three states, but all states grow some. In 1899 Florida produced 176,304 bushels, but ten years later the production was only 31,835 bushels. The state of Maine also decreased from 137,290 bushels to 87,565 bushels. On the other hand, New Mexico, Colorado, Idaho, Minnesota and Wisconsin made good gains.

1899.	1899.	1909.	1909.	1909.
State.	Acres.	Bushels.	Farms.	Acres.
ALA.	1,765	17,865	647	1,557
ARIZ.	805	6,673	776	2,301
ARK.	1,490	15,582	538	819
CAL.	45,861	658,515	3,054	157,987
COLO.	2,634	28,570	1,387	5,040
CONN.	341	6,428	717	208
DEL.	100	1,333	102	55
D. C.	1	12		
FLA.	9,189	176,304	424	31,835
GA.	1,927	17,489	1,329	2,947
IDA.	457	5,886	293	1,915
ILL.	3,451	30,122	627	1,153
IND.	2,999	30,171	1,982	1,721
IA.	2,427	24,903	973	615
KAS.	848	7,284	58	70
KY.	5,633	49,106	14,248	12,434
LA.	335	3,371	78	311
ME.	10,252	137,290	15,788	10,341
MD.	605	4,754	312	196
MASS.	629	7,939	1,262	446
MIC.	167,025	1,806,413	55,466	403,669
MINN.	3,290	36,317	4,687	4,697
MISS.	1,179	11,162	351	1,092
MO.	4,376	45,467	2,391	1,341
MONT.	101	1,110	140	342
NEB.	387	161,659	784	1,173
NEV.	33	536	15	14
N. H.	2,892	29,990	5,523	3,180
N. J.	201	2,888	291	403
N. M.	3,349	36,022	4,953	20,766
N. Y.	129,298	1,360,445	29,181	115,698
N. C.	5,381	49,518	6,574	5,521
N. D.	270	2,389	394	544
OHIO	1,828	19,042	2,108	1,139
OKLA.	755	6,130	224	575
ORE.	841	11,077	675	562
PENN.	2,182	23,957	3,326	1,269
R. I.	216	3,330	252	54
S. C.	1,657	14,925	517	1,628
S. D.	397	4,218	659	809
TENN.	5,563	48,736	5,312	3,998
TEX.	2,878	28,129	607	1,846
UTAH.	176	1,806	208	106
VA.	2,404	27,172	2,752	2,390
W. VA.	6,411	56,189	7,660	4,777
WASH.	296	3,830	266	353
W. VA.	5,221	52,815	8,626	8,111
WIS.	12,989	143,182	5,656	14,574
WYO.	26	285	211	273
Total	453,841		185,934	11,251,160
Total		5,064,490		802,991

FLAX SEED CROP—1917.

In 1917 the acreage was large, compared with former years, but the crop was small. It was practically a third of a crop, and entirely due to adverse conditions, which farmers could not overcome.

State.	Flax Seed, Acres.	Planted, Acres.	Per, Acres.	Produc-tion, Bushels.
COLO.		2,000	7.0	14,000
IOWA.		12,000	11.0	132,000
KAS.		34,000	7.0	238,000
MINN.		220,000	9.0	1,980,000
MO.		6,000	8.5	51,000
MONT.		422,000	3.0	1,266,000
NEB.		5,000	5.5	28,000
N. D.		965,000	3.9	3,764,000
S. D.		140,000	7.0	980,000
WYO.		3,000	6.5	20,000
U. S.		1,809,000	4.7	8,473,000

In the year 1727 Stephen Hale's work was published on respiration of plants and formation of sap.

Broom Corn Production.

In the year 1879 broom corn production was 29,470,825 pounds, and Illinois grew 11,645,101 pounds and Kansas came next with 5,683,018 pounds. In 1889 production was 38,556,329 pounds. Illinois produced 15,932,502 pounds, Kansas following with 10,809,434 pounds and Nebraska next with 6,514,763 pounds. In 1899 production was 90,947,370 pounds. Illinois produced 60,665,520 pounds, Kansas 11,813,310 pounds and Oklahoma 3,565,510 pounds. In the year 1909 total production was 78,959,958 pounds. Oklahoma produced 42,741,725 pounds, Illinois next with 19,309,425 pounds, and Kansas next with 8,768,853 pounds. We herewith present statement of production by states the last census year.

State.	Farms Reported.	1910.		Value, Dollars.
		Acres.	Production, Pounds.	
ALA...	145	52	17,910	1,562
ARIZ.	1	14	6,000	400
ARK...	294	332	104,576	8,198
CAL...	24	1,023	614,250	32,500
COLO.	240	5,631	1,187,791	71,717
CONN.	2	.....	150	14
DEL.	21	13	4,198	492
GA...	8	22	7,067	694
ILL...	1,854	38,452	19,309,425	1,457,172
IND...	335	323	153,259	13,461
IA...	49	156	75,370	6,670
KAS...	1,728	41,064	8,768,853	593,947
KY...	1,041	342	157,286	13,641
LA...	263	320	92,208	7,285
MD...	291	19	18,599	2,006
MASS.	2	2	2,160	168
MICH.	9	4	2,200	233
MINN.	13	13	10,259	738
MISS...	43	154	60,574	5,548
MO...	1,225	5,339	1,174,536	115,243
NEB...	51	458	157,146	11,116
N. J...	10	11	6,760	658
N. M...	368	4,470	644,892	33,492
N. Y...	10	2	1,001	97
N. C.	128	15	6,493	549
N. D...	3	18	7,250	725
OKLA.	10,151	216,350	42,741,725	2,559,235
PENN.	727	108	45,582	5,253
S. C...	3	2	650	63
S. D...	14	64	35,400	3,403
TENN.	2,220	1,348	347,064	27,733
TEX...	531	9,448	2,368,490	140,533
UTAH	1	.....	200	12
VA...	666	107	46,016	3,586
WASH.	5	183	45,040	2,905
W. VA.	397	45	30,456	3,229
WIS...	12	28	14,830	1,026
Total	23,238	326,102	78,959,958	5,134,434

BROOM CORN YIELD.

The following is the Agricultural Department yield of broom corn for the years 1915, 1916 and 1917:

State.	1915. 1916. 1917.		
	Tons.	Tons.	Tons.
ILL.....	6,672	6,681	8,250
KAS.....	4,665	5,943	12,000
TEXAS.....	1,595	847	688
OKLA.....	34,760	22,420	26,250
COLO.....	4,550	2,835	4,650
Total.....	52,242	38,726	51,838

We intend to place a copy of Agricultural Statistics on every farm in the United States. It will take work, time and money to do it.

BROOM CORN CROP OF 1917.

The five states growing broom corn produced 51,838 tons in the year 1897, of which Oklahoma produced more than half. Kansas also is becoming important in growing broom corn.

State.	Yield Produced, Per Acre.	
	Planted, Acres.	Per Acre, Tons.
ILL.....	30,000	0.275
KAS.....	60,000	.200
TEX.....	4,000	.172
OKLA.....	175,000	.150
COLO.....	30,000	.155
Total.....	299,000	0.173

Hops in the United States.

Hop growing in the United States is not a general industry, but the product has increased in value, so that the hop grower has a rich reward so long as it lasts. In 1879 the acreage was 46,800 and the production 26,546,378 pounds. In 1899 the acreage was 50,190 and the production was 39,152,220 pounds. In 1899 there were 7,633 farms reporting hop growing; the acreage was 56,613 and the production 49,209,704 pounds. In the year of the last census, 1909, only 3,957 farms reported growing hops; the acreage was reduced to 44,693 and the production was 40,718,748 pounds. The table compares the year 1899 with 1909.

State.	1899. 1909.		1899. 1909.	
	Acreage.	Acreage.	Production.	Production.
ALA....	1	2	440	100
ARIZ....	1	.....	600	.....
ARK....	1	.....	530	.....
CALIF...	6,890	8,391	10,124,660	11,994,953
CONN....	.....	.....	.....	15
DEL....	.....	1	.....	28
IDAHO...	63	.....	58,870	110
IND....	2	.....	690	86
IOWA...	1	.....	640	56
KAS....	.....	.....	120	2,625
LA....	.....	.....	.....	10
MD....	.....	7	230	461
MASS...	13	.....	7,480	20
MICH...	10	.....	3,560	58
MINN...	.....	.....	51	372
MISS...	.....	.....	15	.....
MO....	1	2	383	296
NEB....	.....	.....	50	104
NEV....	.....	.....	100	.....
N. H....	.....	.....	60	.....
N. J....	.....	.....	75	38
N. Y....	27,532	12,025	17,332,349	8,677,138
N. C...	.....	.....	1	763
OHIO...	3	18	2,910	2,428
ORE....	15,433	21,770	14,675,557	16,582,562
PENN...	13	.....	13,710	2,203
R. I....	.....	.....	40	.....
S. D....	.....	.....	50	.....
TENN...	.....	.....	307	220
VT....	6	.....	4,400	.....
VA....	.....	6	165	4,039
WASH...	5,296	2,433	6,813,830	3,432,504
W. VA.	1	.....	662	237
WIS....	342	30	165,346	13,290
Total	55,613	44,693	49,209,704	40,718,748

HOPS, 1917.

State.	Yield Produced, Per Acre.		Production, Pounds.
	Planted, Acres.	Per Acre.	
N. Y.....	4,500	640	2,880,000
WASH.....	3,500	1,200	4,200,000
ORE.....	10,000	500	5,000,000
CALIF.....	11,900	1,320	15,788,000
Total.....	29,900	9,294	27,788,000

LIVE STOCK ON FARMS.**Totals For Census Years and Showing Comparisons From Year to Year.**

These figures represent the number of horses, mules, dairy cows, stockers and beef cattle, sheep and swine on farms, as shown by the Census and estimated by the United States Department of Agriculture:

Date. Number.

DAIRY COWS IN THE U. S.

Census, 1850...	6,385,094
Census, 1860...	8,585,735
Census, 1870...	8,935,332
Census, 1880...	12,443,120
Census, 1890...	16,511,950
Census, 1900...	17,139,674
Census, 1910...	20,625,000
Jan. 1, 1911...	20,823,000
Jan. 1, 1912...	20,699,000
Jan. 1, 1913...	20,497,000
Jan. 1, 1914...	20,737,000
Jan. 1, 1915...	21,262,000
Jan. 1, 1916...	22,108,000
Jan. 1, 1917...	22,894,000
Jan. 1, 1918...	23,284,000
Jan. 1, 1919...	23,467,000

STOCKERS AND BEEF CATTLE.

Census, 1850...	4,393,813
Census, 1860...	17,034,284
Census, 1870...	14,885,276
Census, 1880...	23,382,391
Census, 1890...	34,851,622
Census, 1900...	50,682,662
Census, 1910...	41,178,000
Jan. 1, 1911...	39,679,000
Jan. 1, 1912...	37,260,000
Jan. 1, 1913...	36,030,000
Jan. 1, 1914...	35,855,000
Jan. 1, 1915...	37,067,000
Jan. 1, 1916...	39,812,000
Jan. 1, 1916...	41,689,000
Jan. 1, 1918...	43,546,000
Jan. 1, 1919...	44,399,000

TOTAL CATTLE IN THE U. S.

Census, 1850...	10,778,907
Census, 1860...	25,620,019
Census, 1870...	23,820,608
Census, 1880...	35,825,511
Census, 1890...	51,363,572
Census, 1900...	67,822,336
Census, 1910...	61,803,000
Jan. 1, 1911...	60,502,000
Jan. 1, 1912...	57,959,000
Jan. 1, 1913...	56,527,000
Jan. 1, 1914...	56,592,000
Jan. 1, 1915...	58,329,000
Jan. 1, 1916...	61,920,000
Jan. 1, 1917...	64,583,000
Jan. 1, 1918...	66,830,000
Jan. 1, 1919...	68,866,000

SWINE IN THE U. S.

Census, 1850...	30,354,213
Census, 1860...	33,512,867

SWINE—Continued.

Census, 1870...	25,134,569
Census, 1880...	47,681,700
Census, 1890...	57,425,287
Census, 1900...	62,876,108
Census, 1910...	58,186,000
Jan. 1, 1911...	65,260,000
Jan. 1, 1912...	65,410,000
Jan. 1, 1913...	61,178,000
Jan. 1, 1914...	58,933,000
Jan. 1, 1915...	64,618,000
Jan. 1, 1916...	67,766,000
Jan. 1, 1917...	67,503,000
Jan. 1, 1918...	71,374,000
Jan. 1, 1919...	75,587,000

SHEEP IN THE U. S.

Census, 1850...	21,723,220
Census, 1860...	22,471,275
Census, 1870...	28,477,957
Census, 1880...	35,192,074
Census, 1890...	40,876,312
Census, 1890...	60,503,713
Census, 1910...	52,448,000
Jan. 1, 1911...	53,633,000
Jan. 1, 1912...	52,362,000
Jan. 1, 1913...	51,482,000
Jan. 1, 1914...	49,719,000
Jan. 1, 1915...	49,956,000
Jan. 1, 1916...	48,625,000
Jan. 1, 1917...	47,616,000
Jan. 1, 1918...	48,900,000
Jan. 1, 1919...	49,863,000

HORSES IN THE U. S.

Census, 1850...	4,336,719
Census, 1860...	6,249,174
Census, 1870...	7,145,370
Census, 1880...	10,357,488
Census, 1890...	15,258,783
Census, 1900...	18,250,000
Census, 1910...	19,833,000
Jan. 1, 1911...	20,277,000
Jan. 1, 1912...	20,509,000
Jan. 1, 1913...	20,567,000
Jan. 1, 1914...	20,962,000
Jan. 1, 1915...	21,195,000
Jan. 1, 1916...	21,159,000
Jan. 1, 1917...	21,210,000
Jan. 1, 1918...	21,563,000
Jan. 1, 1919...	21,534,000

MULES IN THE U. S.

Census, 1850...	559,331
Census, 1860...	1,151,148
Census, 1870...	1,215,415
Census, 1880...	1,812,808
Census, 1890...	2,314,785
Census, 1900...	3,271,121
Census, 1910...	4,210,000
Jan. 1, 1911...	4,323,000
Jan. 1, 1912...	4,362,000
Jan. 1, 1913...	4,386,000
Jan. 1, 1914...	4,419,000
Jan. 1, 1915...	4,479,000
Jan. 1, 1916...	4,593,000
Jan. 1, 1917...	4,723,000
Jan. 1, 1918...	4,824,000
Jan. 1, 1919...	4,925,000

DAIRY COWS ON FARMS.

The statement of the number of dairy cows on farms in the United States was furnished by the United States Department of Agriculture in the month of February, 1919. It estimates the number in each state for four years and including 1919. It is gratifying that it shows progress from 20,625,000 in the year 1910 to 23,467,000 in the year 1919.

State.	1916.	1917.	1918.	1919.
ALA.	405,000	405,000	454,000	494,000
ARIZ.	58,000	81,000	85,000	72,000
ARK.	402,000	405,000	430,000	443,000
CALIF.	568,000	591,000	597,000	561,000
COLO.	219,000	237,000	254,000	264,000
CONN.	119,000	121,000	116,000	114,000
DEL.	42,000	43,000	43,000	46,000
GA.	414,000	418,000	435,000	452,000
FLA.	136,000	141,000	145,000	149,000
IDAHO.	126,000	135,000	139,000	139,000
ILL.	1,047,000	1,057,000	1,050,000	1,060,000
IND.	672,000	706,000	713,000	713,000
IOWA.	1,391,000	1,405,000	1,405,000	1,381,000
KAS.	835,000	900,000	945,000	964,000
KY.	406,000	418,000	455,000	444,000
LA.	271,000	309,000	330,000	363,000
MD.	181,000	183,000	181,000	177,000
MASS.	158,000	160,000	162,000	165,000
ME.	159,000	163,000	170,000	175,000
MICH.	847,000	865,000	865,000	848,000
MINN.	1,240,000	1,302,000	1,328,000	1,368,000
MISS.	447,000	475,000	508,000	549,000
MO.	837,000	875,000	910,000	919,000
MONT.	129,000	160,000	179,000	197,000
NEB.	650,000	676,000	676,000	662,000
NEV.	25,000	26,000	28,000	29,000
N. H.	97,000	98,000	102,000	107,000
N. J.	152,000	155,000	150,000	150,000
N. M.	76,000	85,000	88,000	84,000
N. Y.	1,539,000	1,539,000	1,508,000	1,478,000
N. C.	321,000	315,000	309,000	315,000
N. D.	373,000	425,000	425,000	429,000
OHIO.	922,000	950,000	1,000,000	1,030,000
OKLA.	519,000	535,000	567,000	561,000
ORE.	216,000	225,000	227,000	225,000
PENN.	971,000	980,000	960,000	979,000
R. I.	22,000	22,000	21,000	20,000
S. D.	485,000	524,000	555,000	561,000
S. C.	189,000	189,000	193,000	203,000
TEX.	366,000	366,000	373,000	380,000
UTAH.	1,119,000	1,175,000	1,128,000	1,060,000
VT.	96,000	91,000	96,000	101,000
WA.	273,000	281,000	290,000	281,000
VA.	359,000	373,000	400,000	424,000
WASH.	263,000	263,000	240,000	216,000
W. VA.	241,000	245,000	245,000	243,000
WIS.	1,675,000	1,750,000	1,785,000	1,803,000
WYO.	50,000	60,000	65,000	72,000

U. S. 22,108,000 22,894,000 23,310,000 23,467,000

MONTHLY PRICES OF MILCH COWS.

The following table gives the United States estimated average price per head to producers of milch cows, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January...	\$57.99	\$58.47	\$57.79	\$63.92	\$76.51
February...	59.09	57.99	57.99	65.93	78.36
March.....	59.23	58.00	59.51	68.46	80.71
April.....	59.60	57.78	60.68	72.09	82.45
May.....	59.85	58.29	60.98	72.78	83.46
June.....	59.82	58.59	61.63	72.87	79.29
July.....	59.67	60.31	62.04	72.81	84.97
August.....	60.72	58.34	61.32	72.53	84.06
September.	59.58	58.38	61.41	73.93	85.21
October....	59.53	58.76	62.19	75.79	85.41
November..	58.77	57.35	62.67	75.00	84.51
December..	58.23	56.79	63.18	76.16	85.78

Average.. \$50.34 \$58.25 \$60.95 \$71.86 \$82.56

GRAIN CROPS OF SPAIN.

The United States Department of Agriculture, in February, 1919, published the following in regard to the crops of Spain.

Crop.	1916.	1917.	1918.
	Bushels.	Bushels.	Bushels.
Wheat.....	152,329,000	142,674,000	135,709,000
Barley.....	86,863,000	77,957,000	90,496,000
Oats.....	32,163,000	33,061,000	30,474,000
Rye.....	28,782,000	24,203,000	30,445,000
Corn.....	28,642,000	29,369,000	24,141,000

Total.... 328,779,000 307,264,000 311,265,000

First efforts to grow cotton in Virginia date from the year 1721.

BEEF CATTLE ON FARMS.

The statement of the number of "other" cattle on farms is a statement of beef cattle, cows, calves and yearlings outside of dairy cows, which are enumerated separately. The enumeration was published by the United States Department of Agriculture in February, 1919, and estimates are for the four years, thus showing changes from year to year. We are six millions short of the previous high total in 1900.

State.	1916.	1917.	1918.	1919.
ALA.	534,000	534,000	760,000	851,000
ARIZ.	838,000	864,000	1,100,000	1,100,000
ARK.	523,000	560,000	640,000	678,000
CALIF.	1,558,000	1,636,000	1,701,000	1,650,000
COLO.	1,096,000	1,200,000	1,272,000	1,361,000
CONN.	72,000	73,000	76,000	75,000
DEL.	21,000	21,000	23,000	23,000
FLA.	800,000	865,000	891,000	936,000
GA.	686,000	686,000	727,000	763,000
IDAHO.	406,000	465,000	488,000	537,000
ILL.	1,239,000	1,251,000	1,314,000	1,367,000
IND.	728,000	735,000	757,000	780,000
IOWA.	2,737,000	2,754,000	2,919,000	2,861,000
KAS.	2,160,000	2,200,000	2,354,000	2,401,000
KY.	570,000	570,000	581,000	599,000
LA.	570,000	525,000	600,000	690,000
ME.	475,000	475,000	475,000	475,000
MD.	125,000	125,000	134,000	135,000
MASS.	85,000	88,000	93,000	100,000
MICH.	735,000	730,000	752,000	729,000
MINN.	1,275,000	1,400,000	1,600,000	1,632,000
MISS.	535,000	575,000	644,000	708,000
MO.	1,555,000	1,650,000	1,782,000	1,782,000
MONT.	894,000	1,000,000	1,020,000	1,020,000
NEB.	2,237,000	2,525,000	2,940,000	2,940,000
NEV.	472,000	470,000	517,000	533,000
N. H.	63,000	63,000	70,000	74,000
N. J.	73,000	74,000	70,000	74,000
N. M.	1,090,000	1,145,000	1,250,000	1,325,000
N. Y.	939,000	939,000	930,000	911,000
N. C.	375,000	364,000	375,000	379,000
N. D.	577,000	650,000	630,000	612,000
OHIO.	872,000	900,000	1,080,000	1,102,000
OKLA.	1,186,000	1,300,000	1,430,000	1,444,000
ORE.	553,000	610,000	683,000	703,000
PENN.	657,000	664,000	717,000	731,000
R. I.	11,000	11,000	12,000	13,000
S. C.	215,000	215,000	232,000	244,000
S. D.	1,064,000	1,250,000	1,438,000	1,496,000
TENN.	518,000	528,000	554,000	587,000
TEX.	5,428,000	5,482,000	4,660,000	3,961,000
UTAH.	408,000	408,000	457,000	480,000
VT.	170,000	172,000	185,000	194,000
VA.	472,000	486,000	530,000	567,000
WASH.	255,000	280,000	320,000	307,000
W. VA.	362,000	369,000	373,000	366,000
WIS.	1,313,000	1,340,000	1,394,000	1,436,000
WYO.	750,000	825,000	910,000	1,000,000

U. S. 39,812,000 41,689,000 44,112,000 44,399,000

MONTHLY PRICES OF BEEF CATTLE.

The following table gives the United States estimated average price per 100 pounds to producers of beef cattle, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January...	\$6.04	\$5.99	\$5.85	\$6.86	\$ 8.33
February...	6.16	5.93	5.99	7.36	8.55
March.....	6.28	5.92	6.37	7.91	8.85
April.....	6.29	5.96	6.66	8.57	9.73
May.....	6.33	6.13	6.73	8.70	10.38
June.....	6.32	6.20	6.91	8.65	10.40
July.....	6.38	6.07	6.73	8.30	10.07
August....	6.47	6.18	6.51	8.17	9.71
September.	6.38	6.06	6.55	8.40	9.63
October....	6.23	6.04	6.37	8.35	9.33
November..	6.02	5.85	6.44	8.21	9.14
December..	6.01	5.75	6.56	8.24	9.28

Average. \$6.24 \$6.01 \$6.48 \$8.14 \$ 9.15

The first botanical garden in the United States founded by John Bartram in 1728 on the banks of the Schuylkill, not far from Philadelphia.

In the year 1732, in Maryland, tobacco was made legal tender at the rate of one English penny (two cents) per pound for all debts, including customs dues, the salaries of state officers and ministers of the gospel.

Justice Dudley, of Massachusetts, writing in 1732, says: "An onion set out for seed would rise to four feet nine inches, and a parsnip would reach eight feet."

SWINE ON FARMS.

This statement of the number of hogs on farms in the United States with a four-year progression was issued in February, 1919, by the United States Department of Agriculture. It shows that, notwithstanding the heavy marketing of hogs during the war period, the end of the war finds us with the largest number of hogs on hand in the history of the country.

State.	1916.	1917.	1918.	1919.
ALA.	1,715,000	1,850,000	2,128,000	2,223,000
ARIZ.	40,000	30,000	64,000	58,000
ARK.	1,589,000	1,550,000	1,643,000	1,725,000
CALIF.	947,000	994,000	974,000	1,003,000
COLO.	320,000	352,000	387,000	406,000
CONN.	59,000	58,000	64,000	83,000
DEL.	61,000	58,000	64,000	71,000
FLA.	996,000	1,109,000	1,375,000	1,512,000
GA.	2,348,000	2,585,000	2,766,000	3,043,000
IAHO.	344,000	292,000	219,000	208,000
ILL.	4,439,000	4,441,000	5,111,000	5,724,000
IND.	4,010,000	3,970,000	4,168,000	4,668,000
IA.	9,009,000	9,375,000	10,307,000	10,925,000
KAS.	2,815,000	2,535,000	2,560,000	2,381,000
KY.	1,709,000	1,589,000	1,637,000	1,768,000
LA.	1,553,000	1,584,000	1,568,000	1,599,000
ME.	102,000	100,000	100,000	110,000
MD.	359,000	359,000	388,000	434,000
MASS.	112,000	112,000	113,000	147,000
MICH.	1,462,000	1,315,000	1,278,000	1,355,000
MINN.	1,716,000	2,075,000	2,400,000	2,781,000
MISS.	1,617,000	1,398,000	1,902,000	2,282,000
MO.	4,505,000	4,280,000	4,494,000	4,943,000
MONT.	298,000	269,000	215,000	200,000
NEB.	4,266,000	4,200,000	4,250,000	4,250,000
NEV.	40,000	37,000	37,000	40,000
N. H.	55,000	53,000	56,000	66,000
N. M.	91,000	101,000	86,000	93,000
N. Y.	799,000	759,000	775,000	814,000
N. J.	161,000	163,000	174,000	209,000
N. C.	1,550,000	1,450,000	1,400,000	1,546,000
N. D.	706,000	659,000	507,000	456,000
OHIO.	3,713,000	3,527,000	3,878,000	4,266,000
OKL.	1,491,000	1,325,000	1,219,000	1,036,000
ORE.	379,000	315,000	323,000	348,000
PA.	1,210,000	1,174,000	1,291,000	1,420,000
R. I.	15,000	14,000	16,000	14,000
S. C.	870,000	920,000	960,000	1,056,000
S. D.	1,314,000	1,432,000	1,504,000	1,654,000
TENNI.	531,000	1,485,000	1,634,000	1,985,000
TEX.	3,197,000	3,229,000	2,900,000	2,320,000
UTAH.	112,000	101,000	102,000	123,000
VT.	113,000	113,000	118,000	125,000
VA.	1,023,000	1,023,000	1,042,000	1,134,000
WASH.	314,000	283,000	283,000	317,000
W. VA.	378,000	330,000	422,000	439,000
WIS.	2,142,000	2,060,000	2,019,000	2,181,000
WYO.	70,000	60,000	55,000	63,000

U. S. 67,766,000 67,502,000 70,978,000 75,587,000

MONTHLY PRICES OF HOGS.

The following table gives the United States estimated average price per 100 pounds to producers of hogs, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January...	\$7.45	\$6.57	\$6.32	\$ 9.16	\$15.26
February...	7.75	6.34	7.07	10.33	15.93
March.....	7.80	6.33	7.86	12.32	15.58
April.....	7.80	6.48	8.21	13.61	15.76
May.....	7.60	6.77	8.37	13.72	15.84
June.....	7.43	6.80	8.21	13.50	15.37
July.....	7.72	6.84	8.40	13.35	15.58
August.....	8.11	6.61	8.61	14.24	16.89
September..	8.11	6.79	9.22	15.69	17.50
October....	7.43	7.18	8.67	16.15	16.50
November..	7.00	6.35	8.74	15.31	15.92
December..	7.67	6.02	8.76	15.73	15.82

Average. \$7.57 \$6.59 \$8.20 \$13.59 \$15.92

The Moss Rose was introduced into England from Holland in the sixteenth century, and is first mentioned by Miller in the year given. Miller supposed it to be a sprout of the Provence rose, which opinion has been confirmed by modern botanists.

The second official estimate of Japan's rice crop for 1918, as quoted in a consular report, indicated about 286,000,000 bushels (55,783,440 koku) of hulled rice, an increase of 2.2 per cent. over last year.

Horse-hoeing Husbandry published by Jethro Tull, of Berkshire, England, was issued in the year 1731.

SHEEP ON FARMS.

This statement of the number of sheep on farms in the United States with the changes in four years was issued February, 1919, by the United States Department of Agriculture. It shows some recent increase in sheep raising, but it must be remembered that we had 10,000,000 more sheep thirty years ago.

State.	1916.	1917.	1918.	1919.
ALA.	119,000	121,000	131,000	140,000
ARIZ.	1,700,000	1,632,000	1,550,000	1,400,000
ARK.	124,000	124,000	134,000	147,000
CALIF.	2,450,000	2,524,000	2,776,000	2,943,000
COLO.	1,839,000	1,950,000	2,350,000	2,303,000
CONN.	18,000	18,000	20,000	24,000
DEL.	8,000	8,000	10,000	10,000
FLA.	119,000	119,000	120,000	120,000
GA.	161,000	150,000	144,000	144,000
IAHO.	3,120,000	3,170,000	3,202,000	3,234,000
ILL.	907,000	898,000	952,000	1,028,000
IND.	1,005,000	958,000	988,000	1,038,000
IOWA.	1,240,000	1,200,000	1,224,000	1,322,000
KAS.	341,000	348,000	418,000	460,000
KY.	1,155,000	1,155,000	1,213,000	1,274,000
LA.	185,000	240,000	209,000	230,000
ME.	160,000	157,000	163,000	173,000
MD.	223,000	223,000	234,000	246,000
MASS.	26,000	25,000	26,000	28,000
MICH.	1,931,000	1,834,000	1,926,000	2,119,000
MINN.	536,000	541,000	568,000	642,000
MISS.	208,000	193,000	174,000	183,000
MO.	1,416,000	1,370,000	1,466,000	1,539,000
MONT.	3,941,000	3,500,000	3,045,000	2,984,000
NEB.	374,000	381,000	408,000	367,000
NEV.	1,532,000	1,455,000	1,505,000	1,520,000
N. H.	35,000	35,000	37,000	39,000
N. J.	29,000	29,000	28,000	29,000
N. M.	3,440,000	3,300,000	3,135,000	3,135,000
N. Y.	849,000	800,000	800,000	840,000
N. C.	155,000	140,000	137,000	138,000
N. D.	240,000	240,000	252,000	265,000
OHIO.	3,067,000	2,944,000	2,950,000	2,980,000
OKLA.	95,000	104,000	114,000	125,000
ORE.	2,435,000	2,400,000	2,448,000	2,497,000
PENN.	835,000	830,000	913,000	959,000
R. I.	5,000	5,000	6,000	7,000
S. C.	30,000	30,000	30,000	29,000
S. D.	604,000	625,000	750,000	810,000
TENN.	656,000	600,000	550,000	567,000
TEX.	2,150,000	2,328,000	2,188,000	2,232,000
UTAH.	2,089,000	2,089,000	2,340,000	2,410,000
VT.	100,000	100,000	104,000	107,000
VA.	700,000	686,000	692,000	713,000
WASH.	568,000	585,000	661,000	780,000
W. VA.	720,000	715,000	751,000	789,000
WIS.	664,000	645,000	654,000	716,000
WYO.	4,338,000	4,100,000	4,100,000	4,018,000

U. S. 48,625,000 47,616,000 48,603,000 49,863,000

MONTHLY PRICES OF SHEEP.

The following table gives the United States estimated average price per 100 pounds to producers of sheep, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January...	\$4.67	\$4.95	\$5.52	\$ 7.33	\$10.55
February...	4.67	5.14	5.90	8.17	10.75
March....	4.77	5.36	6.35	9.21	11.41
April.....	4.96	5.60	6.61	9.69	11.98
May.....	4.87	5.54	6.66	10.15	12.36
June.....	4.70	5.43	6.54	9.84	11.56
July.....	4.75	5.35	6.33	9.32	11.04
August....	4.87	5.16	6.22	9.33	10.99
September.	4.80	5.06	6.25	10.25	10.79
October...	4.81	5.18	6.20	10.24	10.35
November.	4.68	5.13	6.41	10.20	10.11
December.	4.95	5.38	6.77	10.44	9.46

Average. \$4.79 \$5.28 \$6.31 \$ 9.50 \$10.94

The vanilla-bean crop of Guadeloupe this year, according to a consular report, is expected to be 40,000 pounds of cured beans, which is 10,000 less than an average production.

The Pomponne rose found growing wild by a gardener of Dijon, in France, while cutting wood on a mountain near the city in 1735.

In the year 1735, a stallion named Old Traveler, owned by Mr. Osbaldeston, of North England, is now regarded as the great ancestors of Cleveland Bays.

The Studley bull dropped in the year 1737 became one of the first great stock getters of the Shorthorn breed.

HORSES ON FARMS IN UNITED STATES.

Notwithstanding large exports of horses and the number of mares annually devoted to keeping up the supply of mules, the horses of the United States have increased from 19,833,000 in the year 1910 to 21,534,000 head in January, 1919. The statement of the horses on farms in the United States was furnished by the United States Department of Agriculture in February, 1919, and shows that horses in the United States did not decrease during the war period.

State.	1916.	1917.	1918.	1919.
ALA...	150,000	150,000	153,000	155,000
ARIZ...	124,000	129,000	135,000	136,000
ARK...	270,000	270,000	272,000	267,000
CALIF.	493,000	468,000	468,000	435,000
COLO.	361,000	380,000	399,000	419,000
CONN.	46,000	46,000	45,000	44,000
DEL...	36,000	36,000	36,000	35,000
FLA...	59,000	60,000	62,000	62,000
GA...	125,000	127,000	130,000	131,000
IDAHO.	241,000	250,000	265,000	276,000
ILL...	1,452,000	1,452,000	1,467,000	1,467,000
IND...	854,000	845,000	837,000	829,000
IOWA.	1,584,000	1,552,000	1,583,000	1,567,000
KAS...	1,109,000	1,120,000	1,142,000	1,153,000
KY...	434,000	434,000	443,000	439,000
LA...	193,000	195,000	207,000	215,000
ME...	109,000	109,000	108,000	107,000
MD...	169,000	169,000	171,000	171,000
MASS.	60,000	59,000	57,000	54,000
MICH.	680,000	680,000	673,000	668,000
MINN.	890,000	925,000	950,000	950,000
MISS.	243,000	243,000	253,000	256,000
MO...	1,060,000	1,020,000	1,040,000	1,040,000
MONT.	430,000	460,000	506,000	557,000
NEB...	1,028,000	1,018,000	1,049,000	1,049,000
NEV...	77,000	73,000	75,000	75,000
N.H...	44,000	44,000	43,000	42,000
N.J...	92,000	92,000	90,000	89,000
N.M...	234,000	250,000	272,000	261,000
N.Y...	609,000	609,000	590,000	578,000
N.C...	185,000	185,000	187,000	181,000
N.D...	801,000	825,000	842,000	850,000
OHIO.	901,000	892,000	900,000	891,000
OKLA.	743,000	730,000	737,000	744,000
ORE...	295,000	300,000	300,000	303,000
PENN.	602,000	596,000	590,000	578,000
R.I...	9,000	8,000	8,000	8,000
S.C...	84,000	85,000	80,000	82,000
S.D...	759,000	780,000	811,000	827,000
TENN.	349,000	350,000	350,000	357,000
TEX...	1,180,000	1,200,000	1,212,000	1,164,000
UTAH.	146,000	128,000	145,000	148,000
VT...	89,000	89,000	89,000	88,000
VA...	361,000	361,000	365,000	369,000
WASH.	308,000	300,000	300,000	303,000
W.VA.	194,000	196,000	196,000	194,000
WIS...	712,000	715,000	708,000	694,000
WYO...	185,000	195,000	215,000	230,000

U. S. 21,599,999 21,210,000 21,555,000 21,534,000

MONTHLY PRICES OF HORSES.

The following table gives the United States estimated average price per head to producers of horses, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January.....	\$137.	\$130	\$128	\$129	\$130
February.....	139	132	129	131	133
March.....	138	132	131	133	137
April.....	138	132	133	136	137
May.....	139	133	134	138	136
June.....	136	132	132	137	135
July.....	137	134	133	135	132
August.....	135	131	131	132	131
September.....	132	131	131	132	123
October.....	131	129	130	130	126
November.....	130	127	129	129	122
December.....	130	126	129	129	121
Average.....	\$135	\$131	\$131	\$133	\$131

In the year 1737, Hugh Orr, a Scotchman by birth, arrived in Massachusetts and erected a trip hammer at Bridgewater for the manufacture of scythes and axes and acquired a wide reputation.

The Tarpan, a Russian horse, considered as being the wild ancestor of European horses, was described in 1740 by Guelin as a mouse dun in color, with dark points, short, crisp mane, with a short, bushy tail.

In the year 1745 beet-root sugar was discovered by Marggraf, a German chemist.

MULES ON FARMS IN UNITED STATES.

The statement of the number of mules on the farms of the United States and covering four years, including 1919, was issued by the Department of Agriculture in February. Notwithstanding large exports, the number of mules in the United States advanced from 4,210,000 in the year 1910 to 4,925,000 head in 1919.

State.	1916.	1917.	1918.	1919.
ALA...	281,000	278,000	289,000	304,000
ARIZ...	7,000	8,000	9,000	9,000
ARK...	240,000	255,000	292,000	315,000
CALIF.	70,000	70,000	66,000	63,000
COLO.	19,000	24,000	30,000	31,000
DEL...	6,000	6,000	6,000	6,000
FLA...	29,000	31,000	34,000	35,000
GA...	315,000	324,000	334,000	344,000
IDAHO.	4,000	4,000	4,000	4,000
ILL...	152,000	150,000	150,000	147,000
IND...	95,000	95,000	95,000	94,000
IOWA.	61,000	68,000	69,000	68,000
KAS...	255,000	275,000	280,000	260,000
KY...	229,000	224,000	224,000	231,000
LA...	132,000	139,000	150,000	164,000
MD...	25,000	25,000	25,000	25,000
MICH.	4,000	4,000	4,000	4,000
MINN.	6,000	6,000	6,000	6,000
MISS.	292,000	292,000	307,000	316,000
MO...	340,000	360,000	367,000	374,000
MONT.	4,000	5,000	5,000	5,000
NEB...	98,000	112,000	118,000	109,000
NEV...	3,000	3,000	3,000	3,000
N.J...	4,000	4,000	4,000	4,000
N.M...	17,000	19,000	19,000	20,000
N.Y...	4,000	5,000	6,000	6,000
N.C...	200,000	205,000	210,000	208,000
N.D...	9,000	9,000	9,000	9,000
OHIO.	26,000	26,000	27,000	28,000
OKLA.	282,000	276,000	280,000	288,000
ORE...	10,000	10,000	10,000	10,000
PENN.	47,000	48,000	48,000	48,000
S.C...	171,000	174,000	185,000	194,000
S.D...	15,000	15,000	16,000	16,000
TENN.	272,000	270,000	273,000	278,000
TEX...	768,000	800,000	808,000	792,000
UTAH.	2,000	2,000	2,000	2,000
VA...	64,000	64,000	65,000	66,000
WASH.	17,000	19,000	19,000	20,000
W.VA.	12,000	12,000	12,000	12,000
WIS...	3,000	3,000	3,000	3,000
WYO...	3,000	4,000	4,000	4,000

U. S. 4,593,000 4,723,000 4,873,000 4,925,000

MONTHLY PRICES OF VEAL CALVES.

The following table gives the United States estimated average price per 100 pounds to producers of veal calves, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January...	\$7.89	\$7.66	\$7.67	\$ 9.15	\$11.16
February...	7.90	7.62	7.87	9.88	11.17
March.....	7.92	7.50	8.11	9.94	11.33
April.....	7.68	7.31	8.00	10.49	11.71
May.....	7.59	7.35	8.08	10.48	11.62
June.....	7.69	7.53	8.39	10.60	11.88
July.....	7.80	7.87	8.54	10.77	12.33
August.....	8.08	7.75	8.59	10.56	12.22
September.	8.06	7.80	8.77	11.08	12.57
October...	7.97	7.91	8.59	11.10	12.35
November.	7.78	7.69	8.60	10.66	11.94
December.	7.61	7.61	8.79	10.98	12.31
Average.	\$7.83	\$7.63	\$8.33	\$10.47	\$11.88

CROP OF PEANUTS—1918.

The peanut crop of 1918 is estimated at 71,460,000 bushels, the largest crop being in the state of Alabama. The early estimate was larger, but the 1918 crop is the largest on record.

State.	Planted, Acres.	Per Cent.	Pro- duction, Bushels.
ALA.....	643,000	119	20,576,000
ARK.....	97,000	115	3,327,000
FLA.....	153,000	264	5,854,000
GA.....	314,000	123	12,434,000
MISS.....	5,000	83	162,000
MO.....	400	102	14,000
N.C.....	145,000	95	5,295,000
OKLA.....	20,000	154	580,000
S.C.....	14,000	90	638,000
TENN.....	17,000	113	729,000
TEXAS.....	647,000	110	15,916,000
VA.....	157,000	95	6,005,000
U. S.....	2,212,400	117	71,460,000

Chickens and Turkeys.

In the year 1900, in the United States, there were 233,566,021 chickens counted by the census enumerators, and in 1910 the number of chickens was increased to 280,345,133. In the year 1910 chickens were raised on 5,578,525 farms, which is 87.7 per cent. of all farms. In the year 1900 there were 6,594,695 turkeys in the United States, but in 1910 the number was reduced to 3,668,708. In the year 1910 turkeys were on 871,123 farms, which is 13.7 per cent. of all farms.

State.	Farms Report- ing.	Chickens, Number.	Farms Report- ing.	Turkeys, Number.
ALA...	221,103	4,539,066	22,350	34,487
ARIZ...	5,020	252,657	336	5,498
ARK...	183,480	5,182,670	20,955	33,550
CALIF.	66,063	5,666,054	11,327	116,602
COLO.	34,433	1,644,578	5,692	26,430
CONN.	23,533	1,218,123	905	3,311
DEL...	10,000	785,591	2,119	8,181
D. C.	159	7,405	6	29
FLA...	40,637	1,239,680	4,672	22,871
GA...	244,453	4,890,069	23,128	79,634
IDAHO	23,412	1,012,431	2,975	14,274
ILL...	237,074	20,563,890	43,326	189,418
IND...	202,321	13,216,152	48,180	202,977
IA...	204,574	22,691,670	26,866	124,164
KAS...	162,094	15,266,250	22,796	104,421
KY...	231,031	8,900,457	46,920	188,292
LA...	98,304	3,259,087	12,473	53,251
ME...	46,185	1,704,900	915	2,948
MD...	46,008	2,650,750	14,728	60,260
MASS...	46,008	2,650,750	14,728	60,260
MICH.	28,021	1,710,989	692	2,645
MINN.	189,320	9,698,439	20,710	81,263
MISS.	142,582	10,293,849	31,750	147,335
MO...	121,153	4,563,464	22,226	92,448
MONT.	259,457	19,910,532	67,522	317,553
NEB...	17,595	922,540	3,431	16,475
NEV...	115,512	9,010,945	8,292	32,364
N. H.	1,977	126,599	478	2,839
N. II...	20,868	903,413	489	1,949
N. J...	30,078	2,012,842	2,379	31,778
N. M...	19,496	509,892	1,597	7,308
N. Y...	192,848	7,312,386	25,064	104,957
N. C...	223,458	4,566,928	16,690	70,009
N. D...	61,452	3,095,026	14,040	62,261
OHIO.	253,614	9,011,144	43,019	162,664
OKLA.	168,464	8,014,945	27,929	120,324
ORE...	37,080	1,753,732	4,434	26,689
PENN.	205,032	11,896,124	40,126	136,942
R. I...	4,315	392,704	161	1,109
S. C...	146,487	2,694,970	19,454	64,396
S. D...	61,492	4,924,349	10,832	51,992
TENN.	222,448	7,341,473	32,016	118,514
TEX...	356,877	12,719,592	76,429	363,666
UTAH.	17,424	763,662	1,684	7,993
VA...	27,464	911,784	2,456	11,693
W. VA...	169,391	5,684,703	39,024	148,386
WASH.	44,867	2,204,171	3,557	16,049
W. VA.	89,099	3,106,907	18,762	71,072
WIS...	163,043	9,142,719	15,764	65,020
WYO...	7,047	324,984	1,333	5,883
Total.	5,578,525	280,345,133	871,123	3,668,708

Ducks and Geese.

In the year 1900 the enumerators of the census reported 4,785,850 ducks in the United States, but in 1910 the number was reduced to 2,906,525. In 1910 there were 503,704 farms raising ducks, which is 7.9 per cent. of all farms. In 1910 the total of geese was 5,676,783 and the total of 1910 was 4,431,980, there being 662,324 farms raising geese, which is 10.4 per cent. of all farms. Herewith we present the statement of ducks and geese according to the last census.

State.	Farms Report- ing.	Ducks, Number.	Farms Report- ing.	Geese, Number.
ALA...	10,094	59,327	17,992	142,519
ARIZ...	295	1,324	87	701
ARK...	18,323	109,483	38,095	343,995
CALIF.	3,606	40,061	760	14,195
COLO.	2,486	12,250	1,053	4,455
CONN.	1,748	9,813	958	4,200
DEL...	1,884	9,790	1,019	5,111
D. C.	17	127	1	40
FLA...	823	6,218	2,985	29,556
GA...	7,515	42,221	18,194	171,625
IDAHO	1,790	8,900	8,842	8,842
ILL...	37,433	201,505	42,763	226,546
IND...	19,427	121,306	21,734	139,081
IOWA.	40,771	225,284	44,495	215,221
KAS...	18,417	114,032	17,466	95,222
KY...	16,651	98,706	43,380	399,932
LA...	7,671	51,473	14,167	121,534
ME...	1,519	5,811	1,057	4,021
MD...	8,753	50,232	4,909	23,606
MASS...	1,888	23,153	896	12,313
MICH.	14,214	54,723	18,180	66,792
MINN.	23,692	94,269	27,866	105,161
MISS...	10,118	44,228	28,613	236,791
MO...	25,047	155,129	44,777	365,866
MONT.	1,630	8,243	7,013	7,013
NEB...	17,672	92,524	20,604	89,128
NEV...	221	1,139	510	510
N. H.	694	3,572	356	1,438
N. J...	3,972	39,441	1,900	9,166
N. M...	557	2,693	151	779
N. Y...	16,604	166,488	7,647	29,310
N. C...	13,396	75,786	29,189	238,205
N. D...	10,131	39,938	8,009	30,456
OHIO.	21,288	106,958	24,121	112,706
OKLA.	16,462	112,986	13,824	118,594
ORE...	1,976	10,757	842	14,100
PENN.	23,502	163,777	13,402	46,321
R. I...	458	1,519	266	2,725
S. C...	3,633	15,654	8,125	59,664
S. D...	16,281	87,544	13,623	59,991
TENN.	21,922	142,292	41,906	366,687
TEX...	14,007	74,910	26,809	244,997
UTAH.	801	3,782	609	2,938
VA...	1,252	4,561	677	2,505
W. VA...	16,561	94,451	12,460	79,093
WASH.	2,558	13,179	586	14,858
W. VA.	6,776	35,576	10,447	72,972
WIS...	16,434	61,180	25,287	93,782
WYO...	744	3,411	1,708	1,708
Total.	503,704	2,906,525	662,324	4,431,980

MARKETINGS BY PERCENTAGE.

WHEAT. Per Cent. of Year's Sales.

Month.	1917-	1916-	1915-	1914-	1913-
July.....	7.4	13.3	7.1	17.5	16.3
August.....	12.4	17.9	11.0	13.2	13.4
September...	19.3	16.8	14.4	15.5	14.3
October.....	18.0	14.1	14.5	12.5	12.3
November...	13.7	9.7	12.4	10.3	9.7
December...	7.6	5.6	11.0	7.5	7.6
January.....	4.7	7.2	6.8	5.1	6.7
February....	3.9	3.3	6.8	5.7	4.8
March.....	3.7	3.9	3.8	3.3	4.2
April.....	4.1	3.1	3.9	4.6	2.9
May.....	3.1	3.0	4.7	2.7	3.5
June.....	2.1	2.1	3.6	2.1	3.8
Season.....	100.0	100.0	100.0	100.0	100.0

MONTHLY MARKETINGS OF CORN BY FARMERS.

Month.	Estimated Amount Sold Monthly by Farmers of the United States (Millions of Bushels).	1917-	1916-	1915-	1914-	1913-
July.....	34	30	31	19	27	
August.....	26	34	33	34	16	
September...	22	28	35	23	21	
October.....	24	25	33	23	37	
November...	56	67	57	71	85	
December...	78	60	88	82	102	
January.....	91	73	64	96	51	
February....	103	43	68	38	34	
March.....	48	34	39	22	30	
April.....	45	26	35	27	21	
May.....	36	31	32	21	29	
June.....	37	29	32	29	22	
Season.....	640	480	550	485	475	

In the year 1742 Hereford cattle improvement was begun by Benjamin Tompkins, the elder, of Canon Pyon, Herefordshire, England.

Cattle Sold and Slaughtered.

Once in ten years we are able to make an examination of the number of live stock sold from the farms of the United States. This tabulation is for cattle only, not including calves, but including dry dairy cows and worn-out oxen when sold. There is also an enumeration, state by state, showing the number of cattle slaughtered on the farms. The statement is for the last census year, when there were 20,625,000 dairy cows and 41,178,000 other cattle in the United States.

State.	Farms Report- ing.	Cattle Sold.	Farms Report- ing.	Cattle Slaughtered.
ALA....	48,398	198,226	15,800	42,964
ARIZ....	1,988	146,852	942	10,773
ARK....	62,031	379,676	11,189	38,088
CALIF..	19,775	548,920	4,054	36,319
COLO..	11,013	437,215	5,467	26,818
CONN..	7,979	56,564	1,743	8,756
DEL....	1,805	7,070	150	551
D. COL.	37	344	2	8
FLA....	6,015	60,773	3,359	22,012
GA....	32,467	112,127	10,506	37,605
IDAHO	7,320	145,948	3,395	12,216
ILL....	106,050	1,029,835	19,120	38,466
IND....	82,019	463,825	14,877	27,122
IOWA..	128,657	2,130,255	48,883	73,454
KAS....	75,654	1,560,620	18,999	30,660
KY....	74,343	535,429	6,497	19,011
LA....	20,903	139,319	10,215	26,209
ME....	19,432	83,932	4,513	18,755
MD....	11,866	56,863	3,080	8,870
MASS..	9,927	81,661	2,021	13,521
MICH..	82,230	319,063	19,852	43,619
MINN..	79,284	442,034	47,403	79,226
MISS..	46,709	252,778	14,056	34,406
MO....	119,955	1,300,754	18,269	32,059
MONT..	6,275	272,996	4,133	19,755
NEB....	64,123	1,221,743	27,211	42,083
NEV....	981	101,190	810	11,217
N. H....	8,750	54,904	2,104	9,116
N. J....	6,270	30,954	1,377	3,175
N. M....	5,541	306,347	3,937	16,316
N. Y....	82,443	451,265	26,858	68,793
N. C....	49,090	163,015	13,201	36,132
N. D....	24,736	159,392	19,714	31,570
OHIO..	104,220	558,420	30,912	54,040
OKLA..	64,937	939,546	8,848	23,043
ORE....	15,973	249,733	5,946	24,292
PENN..	80,961	368,687	44,877	84,505
R. I....	1,573	11,177	203	6,699
S. C....	19,668	57,301	5,782	17,657
S. D....	32,328	519,607	16,959	28,475
TENN..	83,836	540,891	10,838	33,483
TEX....	117,934	2,535,219	17,248	64,031
UTAH..	5,950	110,780	2,214	8,208
VT....	17,499	145,955	6,450	18,832
VA....	41,915	314,925	8,487	20,058
WASH..	13,335	94,368	7,370	25,087
W. VA.	39,132	257,733	8,226	18,753
WIS....	90,924	417,796	33,169	51,040
WYO....	3,249	198,970	2,059	9,810
Total 2,035,910		20,572,997	593,285	1,408,640

Calves Sold and Slaughtered.

The enumeration of calves sold from farms and calves slaughtered on farms is the official statement of the last census year. At the time the census was taken the total of all kinds and classes of cattle remaining on farms in the United States was 61,803,000 head, and the total is not far different in the year 1916. It must be remembered that many calves sold by farmers have been matured and fattened for market by other farmers.

State.	Farms Report- ing.	Calves Sold.	Farms Report- ing.	Calves Slaughtered.
ALA....	15,349	30,694	4,354	7,872
ARIZ....	659	7,525	171	1,144
ARK....	29,918	86,235	3,028	8,379
CALIF..	16,882	147,467	4,767	50,538
COLO..	4,802	33,934	2,591	11,557
CONN..	9,014	66,477	622	6,915
DEL....	4,481	19,292	54	414
D. COL.	65	416	5	28
FLA....	584	2,537	216	1,569
GA....	19,558	39,507	9,154	22,323
IDAHO	4,113	19,098	1,801	4,789
ILL....	89,410	10,590	11,125	31,079
IND....	83,363	251,470	5,474	21,731
IOWA..	47,028	256,071	7,286	18,235
KAS....	47,826	281,398	7,416	11,536
KY....	53,351	140,896	2,021	4,546
LA....	4,166	15,490	1,040	2,667
ME....	21,607	98,577	2,874	27,396
MD....	22,369	92,359	431	2,110
MASS..	12,412	95,486	995	14,187
MICH..	84,626	293,525	16,091	61,896
MINN..	40,529	176,970	28,204	80,493
MISS..	14,299	32,218	3,227	5,757
MO....	76,353	254,702	4,863	8,779
MONT..	1,687	18,389	1,464	8,748
NEB....	18,056	96,821	3,195	5,458
NEV....	229	3,655	217	1,416
N. H....	9,592	64,347	1,137	10,650
N. J....	16,478	112,885	622	14,025
N. M....	2,619	16,169	1,222	3,658
N. Y....	105,766	814,704	26,604	212,962
N. C....	25,530	52,137	5,964	14,602
N. D....	7,694	22,263	7,992	14,419
OHIO..	100,676	362,046	7,791	31,180
OKLA..	32,735	132,870	3,128	5,745
ORE....	6,181	30,473	9,539	40,756
PENN..	105,371	469,663	14,398	68,936
R. I....	1,395	9,653	56	1,175
S. C....	7,888	14,541	2,461	6,669
S. D....	8,970	48,862	4,326	7,034
TENN..	46,097	114,620	2,916	9,548
TEX....	59,030	512,442	8,500	22,445
UTAH..	5,173	20,754	1,233	5,312
VT....	11,216	102,781	5,147	41,375
VA....	49,124	119,002	2,022	5,086
WASH..	7,035	30,291	10,345	44,238
W. VA.	25,143	58,815	1,282	5,108
WIS....	100,723	647,915	28,745	93,167
WYO....	1,010	13,716	431	1,948
Total 1,461,173		6,742,748	268,508	1,131,600

Potato Harvest Periods.

According to Agricultural Department reports there will be 30,000,000 more bushels of potatoes harvested in July and August, 1917, than last year in same period, and during the balance of the year the increase will be 133,000,000 bushels.

		Harvest Period.			
		1916.		1917 (Forecast.)	
		Per Ct. Bushels.		Per Ct. Bushels.	
Jan. 1 to June 30.		5.0	14,255,000	4.0	18,279,000
July 1 to Aug. 31.		20.8	59,270,000	19.8	89,424,000
Sept. 1 to Dec. 31.		74.2	211,942,000	76.2	344,014,000
		100.0	285,437,000	100.0	451,717,000

Dating from 1745 Suffolk Punch horses were famous for draft qualities. Norman

stallions on Suffolk mares credited with the production of the breed.

EARLY CABBAGE ACREAGE.

The area planted to early cabbage in six Southern States is estimated to be 33,500 acres, as compared with 17,600 acres in 1916, an increase of about 90 per cent. This estimate is based upon reports to the Truck Crop Specialist of the Bureau of Crop Estimates from Virginia, South Carolina, Florida, Alabama, Mississippi and Texas, the principal early cabbage sections of the South. Detailed estimates by states follow:

State.	1915.	1916.	1917.
	Acres.	Acres.	Acres.
VIRGINIA.....	4,100	4,200	5,200
SOUTH CAROLINA...	2,300	2,300	4,100
FLORIDA.....	3,400	4,500	9,300
ALABAMA.....	1,100	1,000	1,400
MISSISSIPPI.....	1,200	1,200	1,800
TEXAS.....	4,100	4,000	11,700
Total.....	16,200	17,600	33,500

Swine Sold by Farmers.

During the last census year from 1,841,229 farms in the United States 37,500,158 hogs were sold by farmers and the valuation reported was \$12.35 per head. The number of hogs on farms at that time by the census count was 58,188,000 head, or practically 65 per cent. of the supply.

State.	No. of Farms Reporting.	Per Cent. of Farms	Animals Sold.	Value Per Head.
ALA.	22,552	8.6	123,078	\$ 3.97
ARIZ.	489	5.3	9,780	8.42
ARK.	31,239	14.6	376,466	5.90
CALIF.	13,605	15.4	478,678	10.16
COLO.	5,898	11.7	124,667	11.15
CONN.	2,273	8.5	29,278	5.83
DEL.	1,978	18.3	20,979	5.35
DIST. COL.	5	2.3	17	11.35
FLA.	4,075	8.1	60,528	3.60
GA.	20,368	7.0	136,651	3.80
IDAHO.	5,584	18.1	150,230	11.37
ILL.	139,516	55.4	3,745,309	14.21
IND.	119,815	55.6	3,030,547	12.60
IOWA.	152,542	70.3	5,524,519	15.51
KAS.	97,836	55.0	2,857,924	14.05
KY.	69,704	26.9	1,160,391	9.17
LA.	6,015	5.0	61,794	5.73
ME.	10,638	17.7	88,107	7.58
MD.	11,425	23.4	143,415	5.74
MASS.	8,835	10.5	63,930	8.31
MICH.	85,168	41.2	981,880	11.02
MINN.	74,047	47.4	1,038,711	13.48
MISS.	17,470	6.4	88,599	4.16
MO.	153,372	55.3	4,425,428	11.58
MONT.	2,205	8.4	37,471	9.73
NEB.	78,616	60.7	2,495,969	15.41
NEV.	413	15.4	9,660	8.87
N. H.	4,067	15.0	43,008	7.70
N. J.	4,875	14.6	88,639	6.75
N. M.	2,047	5.7	20,286	6.51
N. Y.	44,582	20.7	407,915	6.40
N. C.	35,461	14.0	246,796	3.49
N. D.	14,743	19.8	115,414	11.71
OHIO.	122,902	45.2	2,317,507	12.38
OKLA.	71,176	37.4	1,591,469	11.06
OREGON.	8,148	17.9	129,641	10.91
PENN.	58,438	26.6	579,136	6.65
R. I.	409	7.7	7,725	6.64
S. C.	12,389	7.0	81,633	4.31
S. D.	32,575	42.0	721,838	15.01
TENN.	74,132	30.1	1,082,134	7.84
TEXAS.	66,661	16.0	742,769	7.75
UTAH.	2,859	13.2	30,072	7.73
VT.	9,781	29.9	93,720	8.53
VA.	30,957	16.8	293,493	5.38
WASH.	7,762	13.8	121,886	10.60
W. VA.	18,164	18.3	121,650	5.51
WIS.	88,056	49.7	1,389,717	12.99
WYO.	837	7.6	10,740	10.40
Total. . .	1,841,299	28.9	37,500,158	\$12.35

ARGENTINE CROPS.

Consul Robertson, at Buenos Aires, South America, reports the areas sown to wheat, linseed and oats in Argentine for the agricultural year 1917-18 as follows:

Province.	Wheat, Acres.	Linseed, Acres.	Oats, Acres.
Buenos Aires.	6,114,598	533,251	2,369,731
Santa Fe.	2,303,013	1,309,653	74,131
Cordoba.	4,929,733	768,494	148,263
Entre Rios.	1,181,159	543,630	247,104
Pampa.	2,718,148	29,157	274,286
Others.	617,761	49,421	86,487
Total, 1917-18.	17,864,412	3,233,606	3,200,002
Total, 1916-17.	16,088,967	3,207,415	2,525,406

Godolphin Arabian, the most noted of all the Eastern thoroughbred sires, was foaled in the year 1724. He was imported into England from France by a Mr. Coke. This great stallion was said to have actually been a cart horse on the streets of Paris. Colonel S. D. Bruce, authority on the thoroughbred horse, said of him: "He unquestionably contributed more to the breed of thoroughbreds than any stallion either before or since his time."

Agricultural seeds were first sold commercially in the United States about the year 1747.

Swine Slaughtered on Farms.

During the last census year on 3,643,546 farms in the United States 15,378,517 hogs were slaughtered, and the farmers reported the value to be \$19.37 per head. The number of hogs on farms at that time by the census count was 58,186,000 head, practically one hog in four.

State.	No. of Farms Reporting.	Per Cent. of All Farms.	Animals Slaughtered.	Value Per Head.
ALA.	137,036	52.1	581,615	\$12.16
ARIZ.	816	8.8	3,299	13.37
ARK.	113,636	52.9	616,350	11.10
CALIF.	15,337	17.4	82,270	12.80
COLO.	12,330	26.7	52,081	15.53
CONN.	7,975	29.7	25,058	19.86
DEL.	6,636	61.2	27,588	19.84
DIST. COL.	39	18.0	383	19.37
FLA.	25,915	51.8	294,753	8.05
GA.	154,935	53.2	860,409	11.31
IDAHO.	10,470	34.0	47,437	13.90
ILL.	172,486	68.5	762,545	16.95
IND.	152,287	70.7	646,581	16.26
IOWA.	147,246	67.8	507,167	16.03
KAS.	112,110	63.0	377,566	16.50
KY.	168,483	65.0	733,642	15.11
LA.	48,727	40.4	287,447	8.51
ME.	24,404	40.7	47,319	22.08
MD.	32,931	67.3	180,406	15.79
MASS.	7,183	19.5	27,764	19.35
MICH.	114,104	55.1	331,247	15.41
MINN.	100,583	64.4	314,597	15.60
MISS.	128,043	46.7	498,659	12.66
MO.	200,247	72.2	949,318	15.18
MONT.	5,104	19.5	33,143	14.88
NEB.	81,292	62.7	261,515	16.00
NEV.	673	25.0	5,943	13.96
N. H.	9,658	35.7	22,563	22.16
N. J.	13,906	41.5	73,709	17.90
N. M.	6,677	18.7	21,929	12.19
N. Y.	107,276	49.8	386,264	17.57
N. C.	166,636	65.7	783,247	13.59
N. D.	37,893	51.0	136,227	15.82
OHIO.	182,236	67.0	768,195	17.03
OKLA.	104,564	55.0	424,436	14.26
OREGON.	18,153	39.9	102,755	14.80
PENN.	146,868	67.0	675,939	18.63
R. I.	1,034	19.5	3,674	19.49
S. C.	86,224	48.3	309,922	13.09
S. D.	36,973	47.6	117,781	15.16
TENN.	163,764	66.6	742,123	15.49
TEXAS.	221,345	53.0	885,260	15.60
UTAH.	10,040	46.3	31,210	13.94
VT.	16,559	50.6	50,786	19.05
VA.	127,841	69.5	537,797	15.40
WASH.	18,129	32.3	92,600	15.60
W. VA.	65,798	68.1	206,701	17.82
WIS.	118,436	66.9	386,243	14.92
WYO.	2,506	22.8	13,064	15.44
Total. . .	3,643,546	57.3	15,378,517	\$19.37

Philippine Live Stock.

The Philippine Archipelago, with millions of acres of available open areas, is one of the countries in which stock raising on a large scale may be conducted, according to a report of the Department of Agriculture of the islands. It is estimated that out of a total of 120,000 square miles, 48,000 are in grass lands.

Number of Live Stock in the Philippine Islands.

Kind.	1902.	1914.	Increase.
CARABAOS.	640,871	1,147,433	506,562
CATTLE.	128,000	477,736	349,736
HOGS.	1,179,371	2,285,880	1,106,509
SHEEP.	30,428	118,010	87,582
GOATS.	124,334	592,042	467,708
HORSES.	144,171	215,826	71,655

In the year 1744 William Ellis, agricultural writer, commended Holderness cattle of Yorkshire for wide bags, short horns and large bodies.

Goats and Mohair.

This is a statement of the last census (the latest available) when a reliable count was made showing where the goats are, the number of farms reporting goats, the actual number of goats, the number of farms that produce mohair and the complete state by state mohair production. The number of farms reporting goats and kids increased from 77,515 in 1900 to 82,755 in 1910. The number of goats increased from 1,870,599 in 1900 to 2,915,125 in 1910. The mohair production increased from 961,328 pounds in 1899 to 3,778,706 pounds in 1909.

State.	1910.		Mohair, Pounds.
	Farms Re- porting.	Number of Goats.	
ALA.....	5,667	79,347	36,808
ARIZ.....	911	246,617	114,246,032
ARK.....	4,790	58,294	194,7,265
CALIF.....	1,714	138,413	367,282,596
COLO.....	959	31,611	40,7,894
CONN.....	98	500	12,1,009
DEL.....	35	88	1,210
D. OF C.....			
FLA.....	1,947	47,371	7,165
GA.....	6,301	89,616	25,520
IDAHO.....	98	5,719	35,16,412
ILL.....	2,040	12,435	184,14,922
IND.....	1,723	7,290	119,4,472
IOWA.....	2,400	20,664	266,29,206
KAS.....	917	8,847	95,8,805
KY.....	2,713	29,869	198,7,702
LA.....	3,554	57,102	12,1,044
MAINE.....	147	582	39,639
MD.....	198	1,182	27,1,570
MASS.....	201	1,251	35,1,695
MICH.....	686	5,080	117,5,677
MINN.....	784	4,588	131,6,929
MISS.....	4,039	45,871	36,1,303
MO.....	3,947	72,415	858,66,684
MONT.....	176	5,045	38,8,328
NEB.....	892	3,290	53,2,425
NEV.....	64	4,849	8,5,719
N. H.....	96	495	22,629
N. J.....	137	574	7,187
N. M.....	3,440	412,050	237,394,895
N. Y.....	719	3,055	74,5,412
N. C.....	4,247	35,019	56,1,020
N. D.....	294	1,074	36,470
OHIO.....	918	5,379	133,5,840
OKLA.....	1,436	25,591	129,10,503
OREGON.....	4,144	185,411	3,075,523,435
PENN.....	945	3,539	126,3,198
R. I.....	49	106	1,2
S. C.....	3,175	24,750	11,486
S. D.....	660	2,337	54,1,538
TENN.....	4,859	43,560	115,3,428
TEXAS.....	7,937	1,135,244	1,544,1,997,924
UTAH.....	134	29,014	21,44,708
VT.....	69	261	14,471
VA.....	738	7,327	79,8,047
WASH.....	417	8,621	164,19,120
W. VA.....	385	5,748	117,8,991
WIS.....	863	4,875	111,4,133
WYO.....	72	2,739	13,14,238
Total.....	82,755	2,915,125	9,186,3,778,706

If you are unable to find what you desire in AGRICULTURAL STATISTICS, turn to the index. You may find it there.

LIVE STOCK IN DENMARK.

The following table, compiled from Danish official sources, shows the number of live stock in Denmark for the years 1914-1918, inclusive:

Date.	Horses.	Cattle.	Sheep.	Swine.
	Number.	Number.	Number.	Number.
1914....	567,240	2,462,862	514,908	2,496,706
1915....	525,690	2,416,471	533,000	1,918,627
1916....	515,415	2,289,996	255,000	1,983,255
1917....	538,395	2,452,853	267,979	1,980,727
1918....	510,615	2,141,684	247,213	513,612

STATE CROP VALUATIONS.

In this table the three ciphers are omitted from the values; in other words, the state values represent millions of dollars and the totals at the bottom represent billions of dollars. The intention of the table is to show the standing of the states; for instance, from 1912 to 1916 Texas was first; in 1917 Texas was third; in 1918 Texas was third; again in the period 1912 to 1916 the state of Illinois was third; in 1917 and in 1918 Illinois was first. The United States Department of Agriculture furnished the statement in December, 1918.

State.	Value 1917.	Value 1918.	1912-16		
			All Crops.	All Crops.	All Crops.
ALA.....	287,939	366,677	17	25	20
ARIZ.....	31,193	42,267	47	44	43
ARK.....	371,660	331,479	22	16	23
CALIF.....	439,521	365,028	13	10	21
COLO.....	164,890	153,639	29	28	28
CONN.....	54,345	59,954	40	39	40
DEL.....	27,707	26,290	46	45	46
FLA.....	96,559	103,144	37	35	36
GA.....	553,431	590,292	4	4	4
IDAHO.....	96,525	107,111	36	36	34
ILL.....	849,990	879,679	3	1	1
IND.....	504,300	507,563	12	8	8
IOWA.....	792,618	821,920	2	2	2
KAS.....	416,225	424,298	7	13	14
KY.....	353,877	385,066	24	20	18
LA.....	284,634	282,640	27	26	26
ME.....	68,597	79,410	34	37	37
MD.....	122,368	127,231	33	31	32
MASS.....	64,889	70,204	38	38	38
MICH.....	355,146	336,669	16	19	22
MINN.....	464,294	562,545	11	9	5
MISS.....	351,070	403,789	20	21	16
MO.....	536,827	482,436	10	6	9
MONT.....	105,745	146,713	30	33	29
NEB.....	529,136	390,944	8	7	17
NEV.....	24,477	24,536	45	47	47
N. H.....	25,500	29,776	43	46	45
N. J.....	103,107	103,321	35	34	35
N. M.....	38,470	40,711	44	43	44
N. Y.....	418,089	447,216	5	12	11
N. C.....	434,093	537,438	14	11	7
N. D.....	220,290	375,601	21	27	19
OHIO.....	547,134	541,400	6	5	6
OKLA.....	340,406	264,502	18	22	27
ORE.....	108,025	122,481	31	32	33
PENN.....	407,612	459,929	9	14	10
R. I.....	8,235	7,965	48	48	48
S. C.....	383,153	446,313	19	15	12
S. D.....	358,748	438,880	26	18	13
TENN.....	288,744	324,256	23	24	24
TEXAS.....	790,923	695,651	1	3	3
UTAH.....	52,299	54,759	41	41	41
VT.....	4,484	50,874	39	42	42
V. A.....	303,818	322,224	25	23	25
WASH.....	144,422	135,255	28	29	31
W. VA.....	126,487	141,043	32	30	30
WIS.....	367,370	417,888	15	17	15
WYO.....	54,247	61,752	42	40	39

U.S. 13,506,669 14,000,769
NOTE.—000 000 omitted.

PORTO RICO LIVE STOCK.

The Food Commission of the island of Porto Rico made the following report, dated January, 1918, the asses and sheep not being reported in 1918.

Kind	Census 1910.	Jan., 1918.
Cattle.	Number.	Number.
Cows.....	112,069	107,453
Oxen.....	97,937	123,329
Calves.....	103,880	95,046

Total.....	313,886	325,758
Horses.....	55,225	62,954
Mules.....	4,569	9,303
Asses and Burros.....	985	000
Hogs.....	103,041	102,336
Sheep.....	5,525	000
Poultry.....	668,520	976,081
Goats.....	45,982	49,127

New Zealand's wheat area for the crop year 1918-1919 is reported by the American Consul-General at Auckland as 226,000 acres, or about 60,000 less than last year, and the area in oats is 460,000 acres, or 28,000 less than last year.

The current production of Greece is estimated at about 123,000 tons, which added to the stocks on hand (25,000) make a total supply of 148,000 tons.

FARM PRODUCTIONS BY STATES

Taken From Original Government Records, State by State—Grain Crops and Live Stock Estimates.

The following arrangement is for the purpose of showing at a glance the number of farms in each state, the average size of the farm, the farm population at the last census (to which 10 per cent. can be added), the live stock on hand according to latest (1919) complete reports, also approximately the crops of 1915, 1916 and 1917, as estimated by the United States Department of Agriculture:

ALABAMA

Has 262,901 Farms.
Average 78.9 Acres.

1,767,662 Farm Population.

1916.	LIVE STOCK.	1917.
996,000	Dairy Cows.	405,000
534,000	Other Cattle.	534,000
1,715,000	Swine.	1,850,000
119,000	Sheep.	121,000
76,361	Goats.	79,340
150,000	Horses.	150,000
281,000	Mules.	278,000
1,200	Jack Stock.	1,300

1918.	LIVE STOCK.	1919.
433,000	Dairy Cows.	494,000
668,000	Other Cattle.	851,000
2,128,000	Swine.	2,223,000
131,000	Sheep.	140,000
153,000	Horses.	155,000
289,000	Mules.	304,000

1915	1916	CROPS.
1,200,000	1,045,000	Bu. Wheat.
66,300,000	46,688,000	Bu. Corn.
11,400,000	10,500,000	Bu. Oats.
40,000	52,000	Bu. Rye.
8,000	8,000	Bu. Rice.
1,600,000	1,800,000	Bu. White Potatoes.
7,200,000	6,290,000	Bu. Sweet Potatoes.
362,000	358,000	Tons Tame Hay.
34,000	42,000	Tons Wild Hay.
1,020,000	525,000	Bales Cotton.
100,000	60,000	Pounds Tobacco.
532,000	380,000	Barrels Apples.
2,640,000	1,110,000	Bu. Peaches.
168,000	90,000	Bu. Pears.
380,000	350,000	Lbs. Wool.

1917	1918	CROPS.
930,000	1,330,000	Bu. Wheat.
77,200,000	67,686,000	Bu. Corn.
9,720,000	8,132,000	Bu. Oats.
000	000	Bu. Barley.
38,000	44,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
12,000	15,000	Bu. Rice.
2,952,000	4,800,000	Bu. White Potatoes.
13,500,000	14,688,000	Bu. Sweet Potatoes.
1,158,000	1,293,000	Tons Tame Hay.
37,000	35,000	Tons Wild Hay.
146,000	700,000	Lbs. Tobacco.
505,000	820,000	Bales Cotton.
16,013,000	17,480,000	Bu. Peanuts.
1,453,000	1,551,000	Bu. Apples.
1,830,000	3,142,000	Bu. Peaches.
80,000	152,000	Bu. Pears.
350,000	368,000	Lbs. Wool.

ARIZONA

Has 9,227 Farms.
Average 135.1 Acres.

141,004 Farm Population.

1916.	LIVE STOCK.	1917.
53,000	Dairy Cows.	81,000
838,000	Other Cattle.	864,000
40,000	Swine.	80,000
1,849,000	Sheep.	1,632,000
216,327	Goats.	280,000
121,000	Horses.	129,000
7,000	Mules.	8,000
1918.	LIVE STOCK.	1919.
87,000	Dairy Cows.	72,000

1,037,000	Other Cattle.	1,100,000
64,000	Swine.	58,000
1,550,000	Sheep.	1,400,000
135,000	Horses.	136,000
9,000	Mules.	9,000

1915	1916	CROPS.
1,092,000	1,160,000	Bu. Wheat.
600,000	770,000	Bu. Corn.
333,000	338,000	Bu. Oats.
1,295,000	1,120,000	Bu. Barley.
95,000	115,000	Bu. White Potatoes.
470,000	627,000	Tons Tame Hay.
10,000	14,000	Tons Wild Hay.
40,000	46,000	Barrels Apples.
60,000	56,000	Bu. Peaches.
22,000	18,000	Bu. Pears.
5,985,000	5,950,000	Lbs. Wool.

1917	1918	CROPS.
825,000	988,000	Bu. Wheat.
864,000	952,000	Bu. Corn.
400,000	440,000	Bu. Oats.
1,155,000	1,020,000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
420,000	425,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
550,000	480,000	Tons Tame Hay.
18,000	13,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
21,000	51,000	Bales Cotton.
152,000	72,000	Bu. Beans.
1,980,000	1,624,100	Bu. Kailirs.
135,000	152,000	Bu. Apples.
60,000	58,000	Bu. Peaches.
21,000	19,000	Bu. Pears.
5,831,000	5,656,000	Lbs. Wool.

ARKANSAS

Has 214,678 Farms.
Average 81.8 Acres.

1,371,768 Farm Population.

1916.	LIVE STOCK.	1917.
402,000	Dairy Cows.	402,000
523,000	Other Cattle.	550,000
1,589,000	Swine.	1,575,000
121,000	Sheep.	124,000
50,938	Goats.	58,000
270,000	Horses.	275,000
240,000	Mules.	250,000
3,000	Jack Stock.	3,100
1918.	LIVE STOCK.	1919.
425,000	Dairy Cows.	443,000
638,000	Other Cattle.	678,000
1,643,000	Swine.	1,725,000
149,000	Sheep.	147,000
275,000	Horses.	267,000
263,000	Mules.	315,000

1915	1916	CROPS.
2,750,000	2,040,000	Bu. Wheat.
62,100,000	45,135,000	Bu. Corn.
10,125,000	7,350,000	Bu. Oats.
10,000	10,000	Bu. Rye.
4,840,000	6,312,000	Bu. Rice.
2,520,000	1,625,000	Bu. White Potatoes.
3,900,000	3,185,000	Bu. Sweet Potatoes.
560,000	469,000	Tons Tame Hay.
127,000	92,000	Tons Wild Hay.
816,002	1,145,000	Bales Cotton.
300,000	250,000	Pounds Tobacco.
1,185,000	1,018,000	Barrels Apples.
5,940,000	2,529,000	Bu. Peaches.
135,000	68,000	Bu. Pears.
385,000	350,000	Lbs. Wool.

1917	1918	CROPS.
3,360,000	3,048,000	Bu. Wheat.
67,200,000	35,100,000	Bu. Corn.
9,520,000	11,271,000	Bu. Oats.
000	000	Bu. Barley.
27,000	21,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
5,994,000	7,310,000	Bu. Rice.
3,680,000	2,400,000	Bu. White Potatoes.
4,400,000	3,420,000	Bu. Sweet Potatoes.
573,000	524,000	Tons Tame Hay.
99,000	71,000	Tons Wild Hay.
210,000	210,000	Lbs. Tobacco.
895,000	935,000	Bales Cotton.
1,110,000	546,000	Bu. Peanuts.
2,683,000	1,314,000	Bu. Apples.
630,000	546,000	Bu. Peanuts.
102,000	64,000	Bu. Pears.
350,000	402,000	Lbs. Wool.

CALIFORNIA

Has 88,197 Farms.
Average 316.7 Acres.

907,810 Farm Population.

1916.	LIVE STOCK.	1917.
568,000	Dairy Cows.	591,000
1,554,000	Other Cattle.	1,636,000
947,000	Swine.	994,000
2,450,000	Sheep.	2,524,000
120,823	Goats.	138,000
493,000	Horses.	468,000
70,000	Mules.	70,000
2,500	Jack Stock.	2,600
1918.	LIVE STOCK.	1919.
597,000	Dairy Cattle.	561,000
1,701,000	Other Cattle.	1,650,000
974,000	Swine.	1,003,000
2,776,000	Sheep.	2,943,000
468,000	Horses.	435,000
66,000	Mules.	63,000
1915	1916	CROPS.
7,040,000	5,600,000	Bu. Wheat.
2,624,000	2,048,000	Bu. Corn.
6,963,000	6,500,000	Bu. Oats.
39,440,000	32,320,000	Bu. Barley.
112,000	104,000	Bu. Rye.
2,268,000	4,543,000	Bu. Rice.
10,140,000	10,575,000	Bu. White Potatoes.
310,000	960,000	Bu. Sweet Potatoes.
4,520,000	4,375,000	Tons Tame Hay.
280,000	240,000	Tons Wild Hay.
28,551	60,000	Bales Cotton.
1,238,000	1,439,000	Tons Sugar Beets.
3,825,000	4,175,000	Bu. Beans.
1,563,000	1,918,000	Barrels Apples.
9,768,000	8,769,000	Bu. Peaches.
1,650,000	1,784,000	Bu. Pears.
11,590,000	600,000	Lbs. Hemp.
	11,600,000	Lbs. Wool.
1917	1918	CROPS.
7,425,000	7,590,000	Bu. Wheat.
2,400,000	2,975,000	Bu. Corn.
6,860,000	5,600,000	Bu. Oats.
39,150,000	34,320,000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
5,600,000	7,011,000	Bu. Rice.
15,525,000	12,870,000	Bu. White Potatoes.
1,002,000	1,020,000	Bu. Sweet Potatoes.
4,560,000	2,970,000	Tons Tame Hay.
259,000	173,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
67,000	100,000	Bales Cotton.
1,313,000	843,700	Tons Sugar Beets.
8,035,000	8,885,000	Bu. Beans.
15,708,000	12,500,000	Lbs. Hemp.
5,592,000	5,577,000	Bu. Apples.
14,151,000	11,570,000	Bu. Peaches.
3,523,000	1,890,000	Bu. Pears.
8,632,000	14,322,000	Boxes Oranges.
12,180,000	12,545,000	Lbs. Wool.

COLORADO

Has 46,170 Farms.
Average 293.1 Acres.

394,184 Farm Population.

1916.	LIVE STOCK.	1917.
219,000	Dairy Cows.	237,000
1,096,000	Other Cattle.	1,150,000
320,000	Swine.	352,000
1,839,000	Sheep.	1,950,000
30,644	Goats.	33,000
361,000	Horses.	365,000
19,000	Mules.	20,000
3,200	Jack Stock.	3,300
1918.	LIVE STOCK.	1919.
257,000	Dairy Cows.	264,000
1,274,000	Other Cattle.	1,361,000
356,000	Swine.	406,000
2,086,000	Sheep.	2,300,000
399,000	Horses.	419,000
26,000	Mules.	31,000
1915	1916	CROPS.
13,310,000	11,885,000	Bu. Wheat.
11,280,000	7,362,000	Bu. Corn.
11,700,000	9,570,000	Bu. Oats.
4,680,000	5,120,000	Bu. Barley.
525,000	392,000	Bu. Rye.
9,900	6,000	Bu. Flaxseed.
7,155,000	6,900,000	Bu. White Potatoes.
2,134,000	1,988,000	Tons Tame Hay.
515,000	423,000	Tons Wild Hay.

1,820,000	2,015,000	Tons Sugar Beets.
693,000	735,000	Barrels Apples.
650,000	405,000	Bu. Peaches.
99,000	99,000	Bu. Pears.
340,000	424,000	Bu. Beans.
151,708	100,710	Bu. Onions.
39,700	32,000	Tons Cabbage.
400	400	Acres Celery.
7,800,000	16,300	Lbs. Hemp.
	8,100,000	Lbs. Wool.
1917	1918	CROPS.
13,536,000	13,335,000	Bu. Wheat.
10,640,000	11,067,000	Bu. Corn.
11,130,000	9,669,000	Bu. Oats.
5,544,000	4,928,000	Bu. Barley.
432,000	324,000	Bu. Rye.
000	000	Bu. Buckwheat.
14,000	000	Bu. Flaxseed.
000	000	Bu. Rice.
9,310,000	11,376,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
2,376,000	2,045,000	Tons Tame Hay.
460,000	424,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
1,853,200	1,412,200	Tons Sugar Beets.
1,461,000	1,638,000	Bu. Beans.
1,320,000	1,748,000	Bu. Kafir.
4,650	5,200	Tons Broom Corn.
59,400	49,720	Tons Cabbage.
2,640,000	1,845,000	Bu. Apples.
1,200,000	754,000	Bu. Peaches.
320,000	194,000	Bu. Pears.
8,820,000	9,261,000	Lbs. Wool.

CONNECTICUT

Has 26,815 Farms.
Average 81.5 Acres.

114,917 Farm Population.

1916.	LIVE STOCK.	1917.
119,000	Dairy Cows.	121,000
72,000	Other Cattle.	73,000
59,000	Swine.	58,000
18,000	Sheep.	18,000
483	Goats.	500
46,000	Horses.	46,000
1918.	LIVE STOCK.	1919.
116,000	Dairy Cows.	114,000
78,000	Other Cattle.	75,000
64,000	Swine.	83,000
20,000	Sheep.	24,000
45,000	Horses.	44,000
1915	1916	CROPS.
3,250,000	2,700,000	Bu. Corn.
422,000	450,000	Bu. Oats.
150,000	137,000	Bu. Rye.
60,000	57,000	Bu. Buckwheat.
2,280,000	2,090,000	Bu. White Potatoes.
493,000	574,000	Tons Tame Hay.
12,000	15,000	Tons Wild Hay.
29,970,000	36,186,000	Pounds Tobacco.
511,000	610,000	Barrels Apples.
335,000	136,000	Bu. Peaches.
36,000	46,000	Bu. Pears.
80,000	75,000	Lbs. Wool.
1917	1918	CROPS.
000	000	Bu. Wheat.
4,485,000	2,800,000	Bu. Corn.
660,000	912,000	Bu. Oats.
000	000	Bu. Barley.
144,000	242,000	Bu. Rye.
52,000	152,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
3,190,000	2,470,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
525,000	524,000	Tons Tame Hay.
15,000	14,000	Tons Wild Hay.
29,540,000	37,500,000	Lbs. Tobacco.
000	000	Bales Cotton.
1,316,000	1,184,000	Bu. Apples.
268,000	15,000	Bu. Peaches.
29,000	34,000	Bu. Pears.
75,000	76,000	Lbs. Wool.

DELAWARE

Has 10,836 Farms.
Average 95.9 Acres.

105,237 Farm Population.

1916.	LIVE STOCK.	1917.
42,000	Dairy Cows.	43,000
21,000	Other Cattle.	21,000
61,000	Swine.	60,000

8,000	Sheep.	8,000
36,000	Horses.	36,000
6,000	Mules.	6,000
1918.	LIVE STOCK.	1919.
43,000	Dairy Cows.	46,000
23,000	Other Cattle.	23,000
64,000	Swine.	71,000
10,000	Sheep.	10,000
36,000	Horses.	35,000
6,000	Mules.	6,000
1915	1916	CROPS.
1,875,000	1,860,000	Bu. Wheat.
6,615,000	6,970,000	Bu. Corn.
134,060	120,000	Bu. Oats.
16,000	15,000	Bu. Rye.
56,000	57,000	Bu. Buckwheat.
1,045,000	90,000	Bu. White Potatoes.
675,000	625,000	Bu. Sweet Potatoes.
84,000	116,000	Tons Tame Hay.
12,000	13,000	Tons Wild Hay.
122,000	83,000	Barrels Apples.
842,000	35,000	Bu. Peaches.
228,000	164,000	Bu. Pears.
30,000	30,000	Lbs. Wool.
1917	1918	CROPS.
2,162,000	1,729,000	Bu. Wheat.
7,820,000	7,285,000	Bu. Corn.
128,000	175,000	Bu. Oats.
000	000	Bu. Barley.
16,000	14,000	Bu. Rye.
60,000	82,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
1,235,000	957,000	Bu. White Potatoes.
560,000	600,000	Bu. Sweet Potatoes.
98,000	100,000	Tons Tame Hay.
11,000	11,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
450,000	500,000	Bu. Apples.
647,000	284,000	Bu. Peaches.
294,000	238,000	Bu. Pears.
31,000	31,000	Lbs. Wool.

FLORIDA

Has 50,016 Farms.
Average 105.6 Acres.

533,539	Farm Population.	
1916.	LIVE STOCK.	1917.
136,000	Dairy Cows.	141,000
772,000	Other Cattle.	865,000
996,000	Swine.	1,100,000
119,000	Sheep.	119,000
40,521	Goats.	47,000
59,000	Horses.	60,000
29,000	Mules.	31,000
1918.	LIVE STOCK.	1919.
145,000	Dairy Cows.	149,000
891,000	Other Cattle.	936,000
1,375,000	Swine.	1,512,000
120,000	Sheep.	120,000
62,000	Horses.	62,000
33,000	Mules.	35,000
1915	1916	CROPS.
12,000,000	12,600,000	Bu. Corn.
1,220,000	900,000	Bu. Oats.
12,000	18,000	Bu. Rye.
960,000	1,110,000	Bu. White Potatoes.
2,576,000	2,500,000	Bu. Sweet Potatoes.
61,000	70,000	Tons Tame Hay.
12,000	10,000	Tons Wild Hay.
47,831	43,000	Bales Cotton.
3,549,000	3,025,000	Pounds Tobacco.
177,000	106,000	Bu. Peaches.
104,000	51,000	Bu. Pears.
330,000	345,000	Lbs. Wool.
1917	1918	CROPS.
000	000	Bu. Wheat.
13,875,000	14,080,000	Bu. Corn.
770,000	1,080,000	Bu. Oats.
000	000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
21,000	29,000	Bu. Rice.
2,275,000	3,500,000	Bu. White Potatoes.
3,500,000	3,960,000	Bu. Sweet Potatoes.
110,000	120,000	Tons Tame Hay.
8,000	10,000	Tons Wild Hay.
3,410,000	4,416,000	Lbs. Tobacco.
40,000	25,000	Bales Cotton.
1,400,000	5,203,000	Bu. Peanuts.
000	000	Bu. Apples.
122,000	264,000	Bu. Peaches.
46,000	132,000	Bu. Pears.
4,200,000	5,265,000	Boxes Oranges.
355,000	426,000	Lbs. Wool.

GEORGIA

Has 291,027 Farms.
Average 92.6 Acres.

2,070,471 Farm Population.

1916.	LIVE STOCK.	1917.
414,000	Dairy Cows.	418,000
686,000	Other Cattle.	686,000
2,345,000	Swine.	2,585,000
161,000	Sheep.	150,000
79,959	Goats.	85,000
125,000	Horses.	127,000
315,000	Mules.	324,000
1918.	LIVE STOCK.	1919.
435,000	Dairy Cows.	452,000
755,000	Other Cattle.	763,000
2,766,000	Swine.	3,043,000
144,000	Sheep.	144,000
130,000	Horses.	131,000
334,000	Mules.	344,000
1915	1916	CROPS.
3,573,000	3,803,000	Bu. Wheat.
64,950,000	62,000,000	Bu. Corn.
17,648,000	16,770,000	Bu. Oats.
120,000	124,000	Bu. Rye.
26,000	16,000	Bu. Rice.
1,040,000	900,000	Bu. White Potatoes.
8,075,000	7,520,000	Bu. Sweet Potatoes.
345,000	375,000	Tons Tame Hay.
17,000	18,000	Tons Wild Hay.
1,496,000	1,534,000	Pounds Tobacco.
1,900,000	1,845,000	Bales Cotton.
625,000	541,000	Barrels Apples.
5,330,000	3,510,000	Bu. Peaches.
203,000	135,000	Bu. Pears.
460,000	495,000	Lbs. Wool.
1917	1918	CROPS.
2,074,000	3,631,000	Bu. Wheat.
72,000,000	68,850,000	Bu. Corn.
10,400,000	12,000,000	Bu. Oats.
000	000	Bu. Barley.
128,000	176,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
27,000	31,000	Bu. Rice.
1,596,000	1,610,000	Bu. White Potatoes.
11,625,000	11,960,000	Bu. Sweet Potatoes.
562,000	615,000	Tons Tame Hay.
14,000	12,000	Tons Wild Hay.
1,600,000	2,668,000	Lbs. Tobacco.
1,820,000	2,100,000	Bales Cotton.
9,435,000	10,135,000	Bu. Peanuts.
1,754,000	1,766,000	Bu. Apples.
4,716,000	6,746,000	Bu. Peaches.
140,000	188,000	Bu. Pears.
455,000	478,000	Lbs. Wool.

IDAHO

Has 30,807 Farms.
Average 171.5 Acres.

255,696 Farm Population.

1916.	LIVE STOCK.	1917.
126,000	Dairy Cows.	130,000
406,000	Other Cattle.	418,000
344,000	Swine.	292,000
3,102,000	Sheep.	3,195,000
5,797	Goats.	6,000
241,000	Horses.	239,000
4,000	Mules.	4,000
1918.	LIVE STOCK.	1919.
139,000	Dairy Cows.	139,000
488,000	Other Cattle.	537,000
219,000	Swine.	208,000
3,202,000	Sheep.	3,224,000
258,000	Horses.	276,000
4,000	Mules.	4,000
1915	1916	CROPS.
18,730,000	15,071,000	Bu. Wheat.
770,000	735,000	Bu. Corn.
15,745,000	13,330,000	Bu. Oats.
7,736,000	7,410,000	Bu. Barley.
60,000	34,000	Bu. Rye.
3,590,000	4,050,000	Bu. White Potatoes.
1,828,000	1,812,000	Tons Tame Hay.
157,000	134,000	Tons Wild Hay.
375,000	427,000	Tons Sugar Beets.
573,000	117,000	Barrels Apples.
162,000	23,000	Bu. Peaches.
75,000	50,000	Bu. Pears.
15,285,000	15,000,000	Lbs. Wool.
1917	1918	CROPS.
13,830,000	18,043,000	Bu. Wheat.
682,000	900,000	Bu. Corn.
10,450,000	9,480,000	Bu. Oats.

5,510,000	4,900,000	Bu. Barley.
31,000	60,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
6,084,000	5,220,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
2,175,000	1,934,000	Tons Tame Hay.
162,000	000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
329,800	336,000	Tons Sugar Beets.
90,000	78,000	Bu. Clover Seed.
3,882,000	582,000	Bu. Apples.
165,000	80,000	Bu. Peaches.
70,000	60,000	Bu. Pears.
17,500,000	19,500,000	Lbs. Wool.

ILLINOIS

Has 251,872 Farms.
Average 129.1 Acres.

2,161,662 Farm Population.

1916.	LIVE STOCK.	1917.
1,047,000	Dairy Cows.	1,057,000
1,239,000	Other Cattle.	1,251,000
4,489,000	Swine.	4,444,000
907,000	Sheep.	898,000
12,000	Goats.	13,000
1,452,000	Horses.	1,452,000
152,000	Mules.	150,000
2,800	Jack Stock.	3,000
1918.	LIVE STOCK.	1919.
1,057,000	Dairy Cows.	1,060,000
1,314,000	Other Cattle.	1,367,000
5,111,000	Swine.	5,724,000
988,000	Sheep.	1,028,000
1,467,000	Horses.	1,467,000
150,000	Mules.	147,100

1915	1916	CROPS.
53,200,000	16,225,000	Bu. Wheat.
376,164,400	306,809,000	Bu. Corn.
195,435,000	172,095,000	Bu. Oats.
1,836,000	1,920,000	Bu. Barley.
906,000	666,000	Bu. Rye.
68,000	68,000	Bu. Buckwheat.
595,000	525,000	Pounds Tobacco.
13,860,000	7,250,000	Bu. White Potatoes.
850,000	720,000	Bu. Sweet Potatoes.
3,696,000	4,435,000	Tons Tame Hay.
124,000	136,000	Tons Wild Hay.
4,716,000	1,616,000	Barrels Apples.
874,000	810,000	Bu. Peaches.
496,000	354,000	Bu. Pears.
3,975,000	3,855,000	Lbs. Wool.
1917	1918	CROPS.
30,400,000	60,991,000	Bu. Wheat.
418,000,000	351,450,000	Bu. Corn.
244,400,000	198,352,000	Bu. Oats.
2,475,000	9,000,000	Bu. Barley.
752,000	3,800,000	Bu. Rye.
76,000	71,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
13,500,000	11,520,000	Bu. White Potatoes.
776,000	656,000	Bu. Sweet Potatoes.
3,438,000	4,552,000	Tons Tame Hay.
104,000	131,000	Tons Wild Hay.
560,000	532,000	Lbs. Tobacco.
8,250	9,000	Tons Broom Corn.
115,000	298,200	Bu. Clover Seed.
7,500,000	3,213,000	Bu. Apples.
364,000	78,000	Bu. Peaches.
456,000	302,000	Bu. Pears.
3,885,000	4,048,000	Lbs. Wool.

INDIANA

Has 215,485 Farms.
Average 98.8 Acres.

1,557,041 Farm Population.

1916.	LIVE STOCK.	1917.
672,000	Dairy Cows.	706,000
728,000	Other Cattle.	735,000
4,167,000	Swine.	3,970,000
1,058,000	Sheep.	1,005,000
7,000	Goats.	7,000
854,000	Horses.	845,000
95,000	Mules.	95,000
1,646	Jack Stock.	1,700
1918.	LIVE STOCK.	1919.
713,000	Dairy Cows.	713,000
757,000	Other Cattle.	780,000
4,168,000	Swine.	4,668,000
998,000	Sheep.	1,098,000
827,000	Horses.	829,000
93,000	Mules.	94,000

1915	1916	CROPS.
47,300,000	19,440,000	Bu. Wheat.
190,950,000	174,658,000	Bu. Corn.
65,520,000	52,500,000	Bu. Oats.
224,000	405,000	Bu. Barley.
2,400,000	2,590,000	Bu. Rye.
70,000	144,000	Bu. Buckwheat.
7,325,000	3,256,000	Bu. White Potatoes.
208,000	300,000	Bu. Sweet Potatoes.
3,030,000	3,312,000	Tons Tame Hay.
78,000	91,000	Tons Wild Hay.
11,340,000	13,764,000	Pounds Tobacco.
3,883,000	1,307,000	Barrels Apples.
648,000	883,000	Bu. Peaches.
410,000	351,000	Bu. Pears.
564,880	744,896	Bu. Onions.
6,500	3,900	Tons Cabbage.
4,690,000	4,420,000	Lbs. Wool.
1917	1918	CROPS.
33,392,000	49,427,000	Bu. Wheat.
203,436,000	169,554,000	Bu. Corn.
76,440,000	85,050,000	Bu. Oats.
1,068,000	1,665,000	Bu. Barley.
3,000,000	6,765,000	Bu. Rye.
150,000	360,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
8,464,000	7,760,000	Bu. White Potatoes.
318,000	324,000	Bu. Sweet Potatoes.
3,004,000	3,204,000	Tons Tame Hay.
88,000	72,000	Tons Wild Hay.
14,060,000	15,159,000	Lbs. Tobacco.
60,000	000	Bu. Beans.
12,350	11,220	Tons Cabbage.
202,000	176,000	Bu. Clover Seed.
5,915,000	2,070,000	Bu. Apples.
592,000	92,000	Bu. Peaches.
410,000	280,000	Bu. Pears.
4,332,000	4,765,000	Lbs. Wool.

IOWA

Has 217,044 Farms.
Average 156.3 Acres.

1,544,717 Farm Population.

1916.	LIVE STOCK.	1917.
1,391,000	Dairy Cows.	1,405,000
2,737,000	Other Cattle.	2,754,000
9,069,000	Swine.	9,370,000
1,274,000	Sheep.	1,240,000
20,500	Goats.	21,000
1,584,000	Horses.	1,552,000
61,000	Mules.	62,000
1,700	Jack Stock.	1,700
1918.	LIVE STOCK.	1919.
1,405,000	Dairy Cows.	1,381,000
2,919,000	Other Cattle.	2,861,000
10,307,000	Swine.	10,925,000
1,224,000	Sheep.	1,322,000
1,583,000	Horses.	1,567,000
69,000	Mules.	68,000
1915	1916	CROPS.
15,557,000	10,450,000	Bu. Wheat.
303,000,000	366,825,000	Bu. Corn.
198,000,000	186,850,000	Bu. Oats.
10,943,000	8,702,000	Bu. Barley.
1,110,000	955,000	Bu. Rye.
91,000	150,000	Bu. Buckwheat.
162,000	180,000	Bu. Flaxseed.
15,540,000	4,830,000	Bu. White Potatoes.
285,000	273,000	Bu. Sweet Potatoes.
5,576,000	5,796,000	Tons Tame Hay.
1,116,000	845,000	Tons Wild Hay.
3,220,000	1,575,000	Barrels Apples.
112,000	64,000	Bu. Peaches.
106,000	63,000	Bu. Pears.
210,800	162,155	Bu. Onions.
28,100	10,800	Tons Cabbage.
5,325,000	4,875,000	Lbs. Wool.
1917	1918	CROPS.
8,350,000	19,659,000	Bu. Wheat.
410,700,000	375,624,000	Bu. Corn.
246,750,000	229,572,000	Bu. Oats.
10,500,000	11,340,000	Bu. Barley.
900,000	1,026,000	Bu. Rye.
132,000	240,000	Bu. Buckwheat.
132,000	143,000	Bu. Flaxseed.
000	000	Bu. Rice.
13,100,000	9,648,000	Bu. White Potatoes.
270,000	279,000	Bu. Sweet Potatoes.
3,887,000	4,286,000	Tons Tame Hay.
738,000	738,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
42,000	000	Bu. Beans.
7,200	14,760	Tons Cabbage.
30,000	22,000	Bu. Clover Seed.

5,775,000	1,620,000	Bu. Apples.
30,000	000	Bu. Peaches.
82,000	32,000	Bu. Pears.
4,500,000	4,815,000	Lbs. Wool.

KANSAS

Has 177,841 Farms.
Average 244.0 Acres.

1,107,159	Farm Population.	
1916.	LIVE STOCK.	1917.
762,000	Dairy Cows.	900,000
1,945,000	Other Cattle.	2,115,000
3,815,000	Swine.	2,535,000
341,000	Sheep.	348,000
8,800	Goats.	9,000
1,109,000	Horses.	1,120,000
245,000	Mules.	265,000
5,400	Mules.	5,500
1918.	LIVE STOCK.	1919.
945,000	Dairy Cows.	964,000
2,354,600	Other Cattle.	2,401,000
2,566,000	Swine.	2,381,000
418,000	Sheep.	460,000
1,142,000	Horses.	1,153,000
280,000	Mules.	260,000

CROPS.

1915	1916	
106,538,000	98,022,000	Bu. Wheat.
172,050,000	69,500,000	Bu. Corn.
43,725,000	36,425,000	Bu. Oats.
8,370,000	4,800,000	Bu. Barley.
800,000	667,000	Bu. Rye.
14,000	.....	Bu. Buckwheat.
205,000	174,000	Bu. Flaxseed.
5,893,000	4,970,000	Bu. White Potatoes.
440,000	368,000	Bu. Sweet Potatoes.
4,062,000	2,604,000	Tons Tame Hay.
2,240,000	1,650,000	Tons Wild Hay.
2,125,000	1,040,000	Barrels Apples.
2,516,000	172,000	Bu. Peaches.
133,000	7,000	Bu. Pears.
1,240,000	1,320,000	Lbs. Wool.
1917	1918	CROPS.
45,934,000	102,008,000	Bu. Wheat.
128,184,000	43,523,000	Bu. Corn.
70,804,000	51,238,000	Bu. Oats.
7,500,000	6,640,000	Bu. Barley.
1,140,000	2,431,000	Bu. Rye.
000	000	Bu. Buckwheat.
238,000	205,000	Bu. Flaxseed.
000	000	Bu. Rice.
4,446,000	4,240,000	Bu. White Potatoes.
368,000	320,000	Bu. Sweet Potatoes.
2,217,000	2,617,000	Tons Tame Hay.
1,044,000	848,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
31,890,000	20,107,000	Bu. Kafirs.
12,000	8,500	Tons Broom Corn.
11,000	8,000	Bu. Clover Seed.
5,176,000	2,139,000	Bu. Apples.
121,000	000	Bu. Peaches.
140,000	38,000	Bu. Pears.
1,450,000	1,624,000	Lbs. Wool.

KENTUCKY

Has 259,185 Farms.
Average 85.6 Acres.

1,734,463	Farm Population.	
1916.	LIVE STOCK.	1917.
406,000	Dairy Cows.	418,000
570,000	Other Cattle.	570,000
1,709,000	Swine.	1,589,000
1,555,000	Sheep.	1,155,000
29,000	Goats.	30,000
434,000	Horses.	434,000
229,000	Mules.	224,000
4,600	Jack Stock.	4,700
1918.	LIVE STOCK.	1919.
435,000	Dairy Cows.	444,000
581,000	Other Cattle.	599,000
1,716,000	Swine.	1,748,000
1,270,000	Sheep.	1,274,000
443,000	Horses.	430,000
224,000	Mules.	231,000
1915	1916	CROPS.
9,900,000	8,010,000	Bu. Wheat.
114,000,000	95,200,000	Bu. Corn.
5,460,000	6,300,000	Bu. Oats.
180,000	156,000	Bu. Barley.
288,000	246,000	Bu. Rye.
6,426,000	4,116,000	Bu. White Potatoes.
1,050,000	900,000	Bu. Sweet Potatoes.
1,225,000	1,415,000	Tons Tame Hay.

6,000	6,000	Tons Wild Hay.
4,170,000	2,147,000	Barrels Apples.
1,320,000	880,000	Bu. Peaches.
264,000	160,000	Bu. Pears.
356,400,000	435,600,000	Lbs. Tobacco.
3,125,000	3,185,000	Lbs. Wool.
1917	1918	CROPS.
9,000,000	12,120,000	Bu. Wheat.
122,850,000	93,600,000	Bu. Corn.
8,060,000	9,600,000	Bu. Oats.
140,000	196,000	Bu. Barley.
375,000	884,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
6,720,000	5,625,000	Bu. White Potatoes.
1,140,000	1,235,000	Bu. Sweet Potatoes.
1,268,000	1,391,000	Tons Tame Hay.
8,000	5,000	Tons Wild Hay.
426,600,000	427,500,000	Lbs. Tobacco.
000	000	Bales Cotton.
16,000	34,000	Bu. Clover Seed.
7,140,000	3,780,000	Bu. Apples.
1,034,000	110,000	Bu. Peaches.
204,000	140,000	Bu. Pears.
2,969,000	3,058,000	Lbs. Wool.

LOUISIANA

Has 120,546 Farms.
Average 86.6 Acres.

1,159,872	Farm Population.	
1916.	LIVE STOCK.	1917.
271,000	Dairy Cows.	274,000
475,000	Other Cattle.	475,000
1,553,000	Swine.	1,584,000
185,000	Sheep.	240,000
57,000	Goats.	58,000
193,000	Horses.	195,000
132,000	Mules.	139,000
1918.	LIVE STOCK.	1919.
324,000	Dairy Cows.	363,000
578,000	Other Cattle.	690,000
1,568,000	Swine.	1,599,000
209,000	Sheep.	230,000
207,000	Horses.	213,000
156,000	Mules.	164,000
1915	1916	CROPS.
45,100,000	44,814,000	Bu. Corn.
3,000,000	2,090,000	Bu. Oats.
13,714,000	20,392,000	Bu. Rice.
1,428,000	1,625,000	Bu. White Potatoes.
5,980,000	5,760,000	Bu. Sweet Potatoes.
438,000	429,000	Tons Tame Hay.
35,000	42,000	Tons Wild Hay.
341,063	440,000	Bales Cotton.
126,000	90,000	Pounds Tobacco.
456,000	560,000	Bu. Peaches.
55,000	49,000	Bu. Pears.
2,000,000	4,172,000	Tons Sugar Cane.
536,000	590,000	Lbs. Wool.
1917	1918	CROPS.
000	000	Bu. Wheat.
42,246,000	29,600,000	Bu. Corn.
1,873,000	2,000,000	Bu. Oats.
000	000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
18,250,000	17,980,000	Bu. Rice.
1,600,000	4,345,000	Bu. White Potatoes.
4,898,000	4,875,000	Bu. Sweet Potatoes.
416,000	260,000	Tons Tame Hay.
39,000	30,000	Tons Wild Hay.
210,000	126,000	Lbs. Tobacco.
615,000	525,000	Bales Cotton.
120,000	108,000	Bu. Peanuts.
000	000	Bu. Apples.
478,000	615,000	Bu. Peaches.
52,000	52,000	Bu. Pears.
560,000	594,000	Lbs. Wool.

MAINE

Has 60,016 Farms.
Average 104.9 Acres.

360,928	Farm Population.	
1916.	LIVE STOCK.	1917.
159,000	Dairy Cows.	162,000
104,000	Other Cattle.	110,000
102,000	Swine.	100,000
162,000	Sheep.	157,000
112,000	Horses.	109,000
1918.	LIVE STOCK.	1919.
170,000	Dairy Cows.	175,000

127,000	Other Cattle.	142,000
100,000	Swine.	110,000
163,000	Sheep.	173,000
109,000	Horses.	107,000
1915	1916	CROPS.
112,000	135,000	Bu. Wheat.
656,000	645,000	Bu. Corn.
6,080,000	6,120,000	Bu. Oats.
132,000	156,000	Bu. Barley.
338,000	336,000	Bu. Buckwheat.
22,010,000	25,500,000	Bu. White Potatoes.
1,397,000	1,740,000	Tons Tame Hay.
23,000	27,000	Tons Wild Hay.
720,000	1,680,000	Barrels Apples.
30,000	38,000	Bu. Pears.
850,000	850,000	Lbs. Wool.
1917	1918	CROPS.
154,000	506,000	Bu. Wheat.
780,000	1,125,000	Bu. Corn.
4,930,000	6,760,000	Bu. Oats.
147,000	300,000	Bu. Barley.
000	000	Bu. Rye.
322,000	420,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
20,250,000	22,400,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,566,000	1,375,000	Tons Tame Hay.
21,000	21,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
330,000	000	Bu. Beans.
4,617,000	2,287,000	Bu. Apples.
000	000	Bu. Peaches.
24,000	20,000	Bu. Pears.
833,000	883,000	Lbs. Wool.

MARYLAND

Has 48,923 Farms.
Average 103.4 Acres.

637,154 Farm Population.

1916	LIVE STOCK.	1917.
181,000	Dairy Cows.	183,000
125,000	Other Cattle.	125,000
359,000	Swine.	359,000
223,000	Sheep.	223,000
2,000	Goats.	2,000
169,000	Horses.	169,000
25,000	Mules.	25,000
1918.	LIVE STOCK.	1919.
181,000	Dairy Cows.	177,000
134,000	Other Cattle.	135,000
388,000	Swine.	434,000
234,000	Sheep.	246,000
171,000	Horses.	171,000
25,000	Mules.	25,000
1915	1916	CROPS.
10,272,000	10,240,000	Bu. Wheat.
24,850,000	27,300,000	Bu. Corn.
1,530,000	1,357,000	Bu. Oats.
170,000	192,000	Bu. Barley.
386,000	356,000	Bu. Rye.
220,000	189,000	Bu. Buckwheat.
4,268,000	4,085,000	Bu. White Potatoes.
1,040,000	1,134,000	Bu. Sweet Potatoes.
468,000	688,000	Tons Tame Hay.
4,000	6,000	Tons Wild Hay.
16,280,000	19,635,000	Pounds Tobacco.
800,000	843,000	Barrels Apples.
1,248,000	610,000	Bu. Peaches.
483,000	373,000	Bu. Pears.
750,000	750,000	Lbs. Wool.
1917	1918	CROPS.
11,475,000	11,346,000	Bu. Wheat.
23,080,000	24,010,000	Bu. Corn.
1,157,000	1,980,000	Bu. Oats.
156,000	186,000	Bu. Barley.
384,000	450,000	Bu. Rye.
220,000	280,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
6,000,000	4,000,000	Bu. White Potatoes.
1,180,000	1,430,000	Bu. Sweet Potatoes.
532,000	639,000	Tons Tame Hay.
6,000	6,000	Tons Wild Hay.
22,594,000	23,738,000	Lbs. Tobacco.
000	000	Bales Cotton.
2,525,000	2,365,000	Bu. Apples.
975,000	600,000	Bu. Peaches.
525,000	465,000	Bu. Pears.
758,000	773,000	Lbs. Wool.

MASSACHUSETTS

Has 36,917 Farms.
Average 79.9 Acres.

241,049 Farm Population.

1916.	LIVE STOCK.	1917.
155,000	Dairy Cows.	160,000
35,000	Other Cattle.	38,000
112,000	Swine.	112,000
28,000	Sheep.	25,000
1,200	Goats.	1,200
63,000	Horses.	59,000
1918.	LIVE STOCK.	1919.
154,000	Dairy Cows.	165,000
97,000	Other Cattle.	100,000
113,000	Swine.	147,000
28,000	Sheep.	28,000
57,900	Horses.	54,000
1915	1916	CROPS.
2,804,000	1,764,000	Bu. Corn.
324,000	489,000	Bu. Oats.
60,000	56,000	Bu. Rye.
32,000	32,000	Bu. Buckwheat.
3,120,000	2,275,000	Bu. White Potatoes.
1,357,358	1,292,000	Bu. Onions.
705,000	749,000	Tons Tame Hay.
25,000	24,000	Tons Wild Hay.
9,680,000	12,118,000	Pounds Tobacco.
885,000	221,000	Barrels Cranberries.
152,000	1,150,000	Barrels Apples.
75,000	66,000	Bu. Peaches.
115,000	114,000	Bu. Pears.
000	125,000	Lbs. Wool.
1917	1918	CROPS.
000	000	Bu. Wheat.
2,806,000	2,080,000	Bu. Corn.
444,000	480,000	Bu. Oats.
000	000	Bu. Barley.
57,000	80,000	Bu. Rye.
30,000	32,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
4,370,000	4,788,000	Bu. White Potatoes.
690,000	000	Bu. Sweet Potatoes.
24,000	563,000	Tons Tame Hay.
11,833,000	21,000	Tons Wild Hay.
000	15,000,000	Lbs. Tobacco.
40,000	000	Bales Cotton.
2,186,000	000	Bu. Beans.
145,000	2,446,000	Bu. Apples.
71,000	9,000	Bu. Peaches.
90,000	77,000	Bu. Pears.
119,000	200,000	Bbls. Cranberries.
	119,000	Lbs. Wool.

MICHIGAN

Has 206,960 Farms.
Average 91.5 Acres.

1,483,129 Farm Population.

1916.	LIVE STOCK.	1917.
847,000	Dairy Cows.	856,000
735,000	Other Cattle.	720,000
1,462,000	Swine.	1,345,000
1,931,000	Sheep.	1,834,000
5,800	Goats.	6,000
680,000	Horses.	680,000
4,000	Mules.	4,000
1918.	LIVE STOCK.	1919.
874,000	Dairy Cows.	848,000
752,000	Other Cattle.	729,000
1,372,000	Swine.	1,355,000
1,926,000	Sheep.	2,119,000
680,000	Horses.	666,000
4,000	Mules.	4,000
1915	1916	CROPS.
20,448,000	13,600,000	Bu. Wheat.
56,000,000	45,375,000	Bu. Corn.
64,260,000	42,600,000	Bu. Oats.
2,508,000	2,450,000	Bu. Barley.
6,045,000	8,618,000	Bu. Rye.
870,000	4,825,000	Bu. Buckwheat.
20,845,000	15,360,000	Bu. White Potatoes.
41,400	17,400	Tons Cabbage.
223,920	204,820	Bu. Onions.
3,458,000	4,372,000	Tons Tame Hay.
39,000	51,000	Tons Wild Hay.
1,071,000	604,000	Tons Sugar Beets.
4,250,000	3,102,000	Bu. Beans.
3,150,000	4,160,000	Barrels Apples.
2,360,000	2,010,000	Bu. Peaches.
550,000	836,000	Bu. Pears.
3,118	2,134	Acres Celery.
8,075,000	8,275,000	Lbs. Wool.
1917	1918	CROPS.
15,210,000	10,716,000	Bu. Wheat.

37,625,000	48,300,000	Bu. Corn.
56,375,000	66,320,000	Bu. Oats.
3,445,000	8,332,000	Bu. Barley.
8,115,000	6,752,000	Bu. Rye.
675,000	785,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
35,910,000	28,560,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
3,837,000	2,676,000	Tons Tame Hay.
45,000	10,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
596,000	873,000	Tons Sugar Beets.
3,515,000	4,887,000	Bu. Beans.
53,500	38,130	Tons Cabbage.
176,000	121,000	Bu. Clover Seed.
5,160,000	10,966,000	Bu. Apples.
714,000	248,000	Bu. Peaches.
1,080,000	701,000	Bu. Pears.
8,192,000	8,765,000	Lbs. Wool.

MINNESOTA

Has 156,137 Farms.
Average 177.3 Acres.

1,225,414 Farm Population.**1916. LIVE STOCK. 1917.**

1,210,000	Dairy Cows.	1,302,000
1,232,000	Other Cattle.	1,340,000
1,716,000	Swine.	1,733,000
536,000	Sheep.	541,000
4,000	Goats.	4,000
872,000	Horses.	900,000
6,000	Mules.	6,000

1918. LIVE STOCK. 1919.

1,328,000	Dairy Cattle.	1,368,000
1,540,000	Other Cattle.	1,632,000
2,241,000	Swine.	2,784,000
568,000	Sheep.	642,000
914,000	Horses.	950,000
6,000	Mules.	6,000

1915 1916 CROPS.

73,120,000	27,555,000	Bu. Wheat.
62,100,000	84,120,000	Bu. Corn.
134,375,000	88,112,000	Bu. Oats.
41,170,000	26,125,000	Bu. Barley.
5,850,000	5,025,000	Bu. Rye.
122,000	150,000	Bu. Buckwheat.
3,150,000	2,338,000	Bu. Flaxseed.
30,210,000	16,800,000	Bu. White Potatoes.
21,000	9,700	Tons Cabbage.
385,125	211,768	Bu. Onions.
3,209,000	3,496,000	Tons Tame Hay.
2,565,000	2,888,000	Tons Wild Hay.
412,000	422,000	Barrels Apples.
2,660,000	2,695,000	Lbs. Wool.

1917 1918 CROPS.

57,965,000	70,710,000	Bu. Wheat.
90,000,000	110,000,000	Bu. Corn.
120,250,000	134,562,000	Bu. Oats.
37,800,000	43,400,000	Bu. Barley.
7,535,000	8,700,000	Bu. Rye.
154,000	255,000	Bu. Buckwheat.
1,980,000	3,120,000	Bu. Flaxseed.
000	000	Bu. Rice.
33,600,000	32,760,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
2,868,000	2,590,000	Tons Tame Hay.
2,356,000	2,054,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
23,240	17,100	Tons Cabbage.
55,000	18,000	Bu. Clover Seed.
1,445,000	792,000	Bu. Apples.
000	000	Bu. Peaches.
000	000	Bu. Pears.
2,964,000	3,112,000	Lbs. Wool.

MISSISSIPPI

Has 274,382 Farms.
Average 67.6 Acres.

1,589,803 Farm Population.**1916. LIVE STOCK. 1917.**

447,000	Dairy Cows.	450,000
535,000	Other Cattle.	535,000
1,617,000	Swine.	1,698,000
208,000	Sheep.	193,000
48,000	Goats.	50,000
243,000	Horses.	243,000
292,000	Mules.	292,000
1,800	Jack Stock.	1,900

1918. LIVE STOCK. 1919.

508,000	Dairy Cows.	549,000
644,000	Other Cattle.	708,000
1,902,000	Swine.	2,282,000

174,000	Sheep.	183,000
253,000	Horses.	256,000
307,000	Mules.	316,000

1915**1916****CROPS.**

100,000	90,000	Bu. Wheat.
69,350,000	47,600,000	Bu. Corn.
5,375,000	5,760,000	Bu. Oats.
15,000	53,000	Bu. Rice.
1,170,000	780,000	Bu. White Potatoes.
8,250,000	6,314,000	Bu. Sweet Potatoes.
350,000	371,000	Tons Tame Hay.
50,000	52,000	Tons Wild Hay.
954,000	800,000	Bales Cotton.
141,000	116,000	Barrels Apples.
1,540,000	1,000,000	Bu. Peaches.
160,000	90,000	Bu. Pears.
520,000	540,000	Lbs. Wool.

1917**1918****CROPS.**

210,000	495,000	Bu. Wheat.
84,050,000	66,300,000	Bu. Corn.
5,700,000	5,600,000	Bu. Oats.
000	000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
63,000	69,000	Bu. Rice.
1,092,000	1,600,000	Bu. White Potatoes.
5,525,000	8,455,000	Bu. Sweet Potatoes.
371,000	416,000	Tons Tame Hay.
49,000	38,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
895,000	1,210,000	Bales Cotton.
136,000	158,000	Bu. Peanuts.
315,000	488,000	Bu. Apples.
375,000	1,386,000	Bu. Peaches.
30,000	136,000	Bu. Pears.
491,619	619,000	Lbs. Wool.

MISSOURI

Has 277,244 Farms.
Average 124.8 Acres.

1,894,518 Farm Population.**1916. LIVE STOCK. 1917.**

837,000	Dairy Cows.	845,000
1,555,000	Other Cattle.	1,600,000
4,505,000	Swine.	4,280,000
1,416,000	Sheep.	1,370,000
74,000	Goats.	75,000
1,084,000	Horses.	1,040,000
329,000	Mules.	350,000
12,800	Jack Stock.	14,000

1918. LIVE STOCK. 1919.

910,000	Dairy Cows.	919,000
1,782,000	Other Cattle.	1,782,000
4,708,000	Swine.	4,943,000
1,466,000	Sheep.	1,589,000
1,040,000	Horses.	1,040,000
367,000	Mules.	374,000

1915**1916****CROPS.**

34,108,000	16,575,000	Bu. Wheat.
209,450,000	132,112,000	Bu. Corn.
31,850,000	32,250,000	Bu. Oats.
125,000	100,000	Bu. Barley.
338,000	231,000	Bu. Rye.
45,000	56,000	Bu. Buckwheat.
48,000	35,000	Bu. Flaxseed.
10,000	10,000	Bu. Rice.
8,820,000	5,460,000	Bu. White Potatoes.
700,000	490,000	Bu. Sweet Potatoes.
4,636,000	4,355,000	Tons Tame Hay.
150,000	154,000	Tons Wild Hay.
47,999	62,000	Bales Cotton.
3,150,000	3,040,000	Pounds Tobacco.
6,287,000	2,700,000	Barrels Apples.
3,300,000	1,080,000	Bu. Peaches.
294,000	164,000	Bu. Pears.
4,890,000	4,625,000	Lbs. Wool.

1917**1918****CROPS.**

27,510,900	53,154,000	Bu. Wheat.
252,000,000	133,860,000	Bu. Corn.
59,200,000	44,196,000	Bu. Oats.
150,000	259,000	Bu. Barley.
441,000	476,000	Bu. Rye.
90,000	91,000	Bu. Buckwheat.
51,000	48,000	Bu. Flaxseed.
18,000	25,000	Bu. Rice.
9,488,000	6,954,000	Bu. White Potatoes.
896,000	728,000	Bu. Sweet Potatoes.
3,657,000	2,590,000	Tons Tame Hay.
139,000	102,000	Tons Wild Hay.
2,820,000	2,970,000	Lbs. Tobacco.
51,000	70,000	Bales Cotton.
92,000	000	Bu. Beans.
18,000	16,000	Bu. Peanuts.
85,000	38,000	Bu. Clover Seed.
7,818,000	4,245,000	Bu. Apples.

800,000	000 Bu. Peaches.
265,000	112,000 Bu. Pears.
4,810,000	5,532,000 Lbs. Wool.

MONTANA

Has 26,214 Farms.
Average 516.7 Acres.

242,633 Farm Population.

1916.	LIVE STOCK.	1917.
129,000	Dairy Cows.	148,000
894,000	Other Cattle.	983,000
298,000	Swine.	269,000
3,911,000	Sheep.	3,744,000
4,500	Goats.	5,000
430,000	Horses.	452,000
4,000	Mules.	4,000

1918.	LIVE STOCK.	1919.
179,000	Dairy Cows.	197,000
980,000	Other Cattle.	1,020,000
215,000	Swine.	200,000
3,045,000	Sheep.	2,984,000
506,000	Horses.	557,000
5,000	Mules.	5,000

1915	1916	CROPS.
33,285,000	28,655,000	Bu. Wheat.
1,960,000	1,850,000	Bu. Corn.
31,200,000	25,080,000	Bu. Oats.
2,720,000	2,660,000	Bu. Barley.
225,000	205,000	Bu. Rye.
1,890,000	3,088,000	Bu. Flaxseed.
6,045,000	4,875,000	Bu. White Potatoes.
1,550,000	1,402,000	Tons Tame Hay.
704,004	581,000	Tons Wild Hay.
347,000	256,000	Barrels Apples.
12,000	6,000	Bu. Pears.
26,950,000	24,570,000	Wool.

1917	1918	CROPS.
17,963,000	25,434,000	Bu. Wheat.
1,012,000	2,100,000	Bu. Corn.
13,600,000	20,400,000	Bu. Oats.
1,350,000	1,914,000	Bu. Barley.
114,000	240,000	Bu. Rye.
000	000	Bu. Buckwheat.
1,266,000	2,844,000	Bu. Flaxseed.
000	000	Bu. Rice.
5,415,000	7,020,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,063,000	1,227,000	Tons Tame Hay.
402,000	362,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
911,000	790,000	Bu. Apples.
000	000	Bu. Peaches.
11,000	6,000	Bu. Pears.
23,342,000	23,342,000	Lbs. Wool.

NEBRASKA

Has 129,678 Farms.
Average 297.8 Acres.

881,362 Farm Population.

1916.	LIVE STOCK.	1917.
650,000	Dairy Cows.	676,000
2,237,000	Other Cattle.	2,249,000
4,266,000	Swine.	4,309,000
374,000	Sheep.	581,000
3,000	Goats.	3,500
1,028,000	Horses.	1,018,000
98,000	Mules.	112,000
2,100	Jack Stock.	2,200

1918.	LIVE STOCK.	1919.
703,000	Dairy Cows.	662,000
2,802,000	Other Cattle.	2,940,000
4,200,000	Swine.	4,250,000
408,000	Sheep.	367,000
1,049,000	Horses.	1,040,000
118,000	Mules.	100,000

1915	1916	CROPS.
22,154,000	68,550,000	Bu. Wheat.
213,000,000	192,400,000	Bu. Corn.
70,400,000	79,875,000	Bu. Oats.
3,255,000	3,080,000	Bu. Barley.
3,500,000	3,072,000	Bu. Rye.
20,000	17,000	Bu. Buckwheat.
77,000	32,000	Bu. Flaxseed.
11,550,000	7,665,000	Bu. White Potatoes.
4,290,000	4,070,000	Tons Tame Hay.
3,480,000	3,130,000	Tons Wild Hay.
1,267,000	567,000	Barrels Apples.
120,000	29,000	Bu. Peaches.
18,000	10,000	Bu. Pears.
1,665,000	1,830,000	Lbs. Wool.

1917	1918	CROPS.
13,764,000	43,141,000	Bu. Wheat.
249,480,000	123,056,000	Bu. Corn.
115,444,000	56,188,000	Bu. Oats.
5,644,000	5,650,000	Bu. Barley.
3,354,000	5,005,000	Bu. Rye.
32,000	28,000	Bu. Buckwheat.
28,000	38,000	Bu. Flaxseed.
000	000	Bu. Rice.
12,495,000	10,406,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
2,544,000	2,381,000	Tons Tame Hay.
2,611,000	2,363,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
5,000	6,000	Bu. Clover Seed.
618,000	459,000	Bu. Apples.
000	000	Bu. Peaches.
14,000	6,000	Bu. Pears.
1,600,000	1,696,000	Lbs. Wool.

NEVADA

Has 2,689 Farms.
Average 1,009.6 Acres.

68,508 Farm Population.

1916.	LIVE STOCK.	1917.
25,000	Dairy Cows.	26,000
472,000	Other Cattle.	470,000
10,000	Swine.	37,000
1,332,000	Sheep.	1,455,000
1,800	Goats.	5,000
77,000	Horses.	73,000
3,000	Mules.	3,000

1918.	LIVE STOCK.	1919.
28,000	Dairy Cows.	20,000
517,000	Other Cattle.	533,000
37,000	Swine.	40,000
1,630,000	Sheep.	1,520,000
75,000	Horses.	75,000
3,000	Mules.	3,000

1915	1916	CROPS.
1,660,000	1,592,000	Bu. Wheat.
35,000	34,000	Bu. Corn.
585,000	602,000	Bu. Oats.
576,000	492,000	Bu. Barley.
2,236,000	2,660,000	Bu. White Potatoes.
675,000	540,000	Tons Tame Hay.
225,000	171,000	Tons Wild Hay.
40,000	16,000	Barrels Apples.
7,000	1,000	Bu. Peaches.
4,000	2,000	Bu. Pears.
9,500,000	10,000,000	Lbs. Wool.

1917	1918	CROPS.
1,140,000	1,070,000	Bu. Wheat.
60,000	64,000	Bu. Corn.
560,000	532,000	Bu. Oats.
420,000	408,000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
3,105,000	1,539,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
679,000	575,000	Tons Tame Hay.
270,000	101,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
192,000	175,000	Bu. Apples.
6,000	15,000	Bu. Peaches.
6,000	6,000	Bu. Pears.
9,000,000	10,000,000	Lbs. Wool.

NEW HAMPSHIRE

Has 27,053 Farms.
Average 120.1 Acres.

175,473 Farm Population.

1916.	LIVE STOCK.	1917.
97,000	Dairy Cows.	97,000
65,000	Other Cattle.	63,000
55,000	Swine.	53,000
37,000	Sheep.	35,000
47,000	Horses.	44,000

1918.	LIVE STOCK.	1919.
102,000	Dairy Cows.	107,000
71,000	Other Cattle.	74,000
56,000	Swine.	66,000
37,000	Sheep.	39,000
45,000	Horses.	42,000

1915	1916	CROPS.
990,000	874,000	Bu. Corn.
456,000	444,000	Bu. Oats.
30,000	28,000	Bu. Barley.
30,000	20,000	Bu. Buckwheat.

1,520,000	1,800,000	Bu. White Potatoes.
504,000	767,000	Tons Tame Hay.
17,000	23,000	Tons Wild Hay.
140,000	165,000	Pounds Tobacco.
353,000	532,000	Barrels Apples.
58,000	24,000	Bu. Peaches.
18,000	25,000	Bu. Pears.
185,000	185,000	Lbs. Wool.
1917	1918	CROPS.
000	000	Bu. Wheat.
1,092,000	1,260,000	Bu. Corn.
532,000	912,000	Bu. Oats.
31,000	32,000	Bu. Barley.
000	000	Bu. Rye.
38,000	34,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
2,247,000	2,940,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
630,000	543,000	Tons Tame Hay.
21,000	21,000	Tons Wild Hay.
167,000	000	Lbs. Tobacco.
000	000	Bales Cotton.
100,000	000	Bu. Beans.
1,035,000	1,944,000	Bu. Apples.
47,000	000	Bu. Peaches.
19,000	15,000	Bu. Pears.
183,000	192,000	Lbs. Wool.

NEW JERSEY

Has 33,487 Farms.
Average 76.9 Acres.

629,957 Farm Population.

1916.	LIVE STOCK.	1917.
152,000	Dairy Cows.	155,000
73,000	Other Cattle.	74,000
161,000	Swine.	163,000
29,000	Sheep.	29,000
92,000	Horses.	92,000
4,000	Mules.	4,000
1918.	LIVE STOCK.	1919.
152,000	Dairy Cows.	150,000
74,000	Other Cattle.	74,000
174,000	Swine.	209,000
26,000	Sheep.	29,000
90,000	Horses.	89,000
4,000	Mules.	4,000
1915	1916	CROPS.
1,560,000	1,800,000	Bu. Wheat.
10,830,000	10,800,000	Bu. Corn.
2,275,000	2,070,000	Bu. Oats.
1,440,000	1,320,000	Bu. Rye.
210,000	285,000	Bu. Buckwheat.
12,090,000	10,370,000	Bu. White Potatoes.
3,565,000	2,300,000	Bu. Sweet Potatoes.
523,000	585,000	Tons Tame Hay.
34,000	45,000	Tons Wild Hay.
184,000	163,000	Barrels Cranberries.
777,000	750,000	Barrels Apples.
1,275,000	662,000	Bu. Peaches.
596,000	687,000	Bu. Pears.
95,000	80,000	Lbs. Wool.
1917	1918	CROPS.
1,691,000	1,700,000	Bu. Wheat.
12,771,000	11,439,000	Bu. Corn.
2,482,000	3,400,000	Bu. Oats.
000	000	Bu. Barley.
1,276,000	1,350,000	Bu. Rye.
288,000	396,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
11,172,000	8,464,000	Bu. White Potatoes.
2,880,000	2,875,000	Bu. Sweet Potatoes.
508,000	490,000	Tons Tame Hay.
44,000	39,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
80,000	000	Bu. Beans.
2,041,000	2,464,000	Bu. Apples.
871,000	792,000	Bu. Peaches.
590,000	650,000	Bu. Pears.
129,000	114,000	Bbbs. Cranberries.
80,000	88,000	Lbs. Wool.

NEW MEXICO

Has 35,676 Farms.
Average 315.9 Acres.

280,730 Farm Population

1916.	LIVE STOCK.	1917.
76,000	Dairy Cows.	85,000
1,090,000	Other Cattle.	1,145,000
91,000	Swine.	101,000
3,440,000	Sheep.	3,300,000
412,000	Goats.	420,000

234,000	Horses.	250,000
17,000	Mules.	19,000
11,800	Jack Stock.	12,000
1918.	LIVE STOCK.	1919.
88,000	Dairy Cows.	84,000
1,179,000	Other Cattle.	1,325,000
86,000	Swine.	63,000
3,135,000	Sheep.	3,135,000
272,000	Horses.	261,000
19,000	Mules.	20,000
1915	1916	CROPS.
2,156,000	2,104,000	Bu. Wheat.
2,730,000	2,625,000	Bu. Corn.
2,160,000	1,856,000	Bu. Oats.
264,000	308,000	Bu. Barley.
800,000	816,000	Bu. White Potatoes.
442,000	370,000	Tons Tame Hay.
25,000	13,000	Tons Wild Hay.
368,000	425,000	Bu. Beans.
273,000	119,000	Barrels Apples.
154,000	40,000	Bu. Peaches.
64,000	36,000	Bu. Pears.
18,620,000	18,240,000	Lbs. Wool.
1917	1918	CROPS.
2,582,000	3,334,000	Bu. Wheat.
3,400,000	4,250,000	Bu. Corn.
1,350,000	1,260,000	Bu. Oats.
364,000	392,000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
1,276,000	1,000,000	Bu. White Potatoes.
236,000	250,000	Bu. Sweet Potatoes.
384,000	361,000	Tons Tame Hay.
28,000	20,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
958,000	596,000	Bu. Beans.
3,510,000	3,582,000	Bu. Kaffrs.
657,000	683,000	Bu. Apples.
60,000	85,000	Bu. Peaches.
46,000	56,000	Bu. Pears.
18,422,000	17,132,000	Lbs. Wool.

NEW YORK

Has 215,597 Farms.
Average 102.2 Acres.

1,928,120 Farm Population.

1916.	LIVE STOCK.	1917.
1,539,000	Dairy Cows.	1,539,000
939,000	Other Cattle.	939,000
799,000	Swine.	759,000
849,000	Sheep.	840,000
3,400	Goats.	4,000
609,000	Horses.	609,000
4,000	Mules.	4,000
1918.	LIVE STOCK.	1919.
1,524,000	Dairy Cows.	1,478,000
1,005,000	Other Cattle.	911,000
842,000	Swine.	814,000
840,000	Sheep.	840,000
597,000	Horses.	578,000
1915	1916	CROPS.
9,750,000	9,030,000	Bu. Wheat.
24,200,000	16,200,000	Bu. Corn.
54,270,000	31,356,000	Bu. Oats.
2,720,000	1,887,000	Bu. Barley.
2,805,000	2,718,000	Bu. Rye.
5,320,000	3,480,000	Bu. Buckwheat.
22,010,000	22,400,000	Bu. White Potatoes.
5,900	4,404	Acres Celery.
359,000	96,000	Tons Cabbage.
3,602,137	1,292,265	Bu. Onions.
5,850,000	7,290,000	Tons Tame Hay.
55,000	104,000	Tons Wild Hay.
5,280,000	4,551,000	Pounds Tobacco.
1,250,000	720,000	Bu. Beans.
8,528,000	12,600,000	Barrels Apples.
2,106,000	1,215,000	Bu. Peaches.
1,375,000	1,675,000	Bu. Pears.
3,180,000	3,550,000	Lbs. Wool.
1917	1918	CROPS.
8,385,000	7,840,000	Bu. Wheat.
26,010,000	29,520,000	Bu. Corn.
44,625,000	51,660,000	Bu. Oats.
3,080,000	3,938,000	Bu. Barley.
2,565,000	1,848,000	Bu. Rice.
5,940,000	4,725,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
38,000,000	34,960,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
6,110,000	5,875,000	Tons Tame Hay.
58,000	69,000	Tons Wild Hay.

3,125,000	3,750,000	Lbs. Tobacco.
000	000	Bales Cotton.
1,575,000	1,660,000	Bu. Beans.
349,680	274,350	Tons Cabbage.
2,880,000	1,254,000	Lbs. Hops.
12,000	000	Bu. Clover Seed.
14,059,000	37,253,000	Bu. Apples.
2,244,000	1,167,000	Bu. Peaches.
1,708,000	1,352,000	Bu. Pears.
12,000	14,000	Bu. Clover Seed.
3,514,000	3,830,000	Lbs. Wool.

NORTH CAROLINA

Has 253,725 Farms.
Average 88.4 Acres.

1,887,813 Farm Population.

1916.	LIVE STOCK.	1917.
321,000	Dairy Cows.	315,000
387,000	Other Cattle.	364,000
1,601,000	Swine.	1,550,000
170,000	Sheep.	140,000
35,000	Goats.	36,000
182,000	Horses.	185,000
196,000	Mules.	200,000
1,000	Jack Stock.	1,100
1918.	LIVE STOCK.	1919.
309,000	Dairy Cows.	315,000
375,000	Other Cattle.	379,000
1,464,000	Swine.	1,546,000
137,000	Sheep.	138,000
137,000	Horses.	181,000
207,000	Mules.	208,000

1915	1916	CROPS.
10,355,000	9,975,000	Bu. Wheat.
64,050,000	53,650,000	Bu. Corn.
8,050,000	6,562,000	Bu. Oats.
575,000	534,000	Bu. Rye.
175,000	175,000	Bu. Buckwheat.
4,000	4,000	Bu. Rice.
3,150,000	3,230,000	Bu. White Potatoes.
8,925,000	9,309,000	Bu. Sweet Potatoes.
648,000	507,000	Tons Tame Hay.
60,000	44,000	Tons Wild Hay.
708,000	646,000	Bales Cotton.
198,400,000	176,000,000	Pounds Tobacco.
1,972,000	2,358,000	Barrels Apples.
1,955,000	897,000	Bu. Peaches.
150,000	75,000	Bu. Pears.
545,000	570,000	Lbs. Wool.

1917	1918	CROPS.
9,765,000	7,105,000	Bu. Wheat.
60,000,000	64,365,000	Bu. Corn.
5,780,000	6,500,000	Bu. Oats.
000	000	Bu. Barley.
520,000	480,000	Bu. Rye.
240,000	294,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
5,000	10,000	Bu. Rice.
4,500,000	4,275,000	Bu. White Potatoes.
8,550,000	8,910,000	Bu. Sweet Potatoes.
528,000	684,000	Tons Tame Hay.
10,000	42,000	Tons Wild Hay.
204,750,000	282,000,000	Lbs. Tobacco.
570,000	870,000	Bales Cotton.
7,676,000	7,200,000	Bu. Peanuts.
6,156,000	5,460,000	Bu. Apples.
1,541,000	1,035,000	Bu. Peaches.
150,000	108,000	Bu. Pears.
553,000	570,000	Lbs. Wool.

NORTH DAKOTA

Has 74,360 Farms.
Average 382.3 Acres.

513,820 Farm Population.

1916.	LIVE STOCK.	1917.
373,000	Dairy Cows.	410,000
577,000	Other Cattle.	629,000
706,000	Swine.	650,000
250,000	Sheep.	250,000
1,000	Goats.	1,000
801,000	Horses.	825,000
9,000	Mules.	9,000
1918.	LIVE STOCK.	1919.
434,000	Dairy Cows.	429,000
650,000	Other Cattle.	612,000
507,000	Swine.	456,000
252,000	Sheep.	265,000
842,000	Horses.	850,000
9,000	Mules.	9,000
1915	1916	CROPS.
151,970,000	39,352,000	Bu. Wheat.

9,800,000	13,515,000	Bu. Corn.
98,000,000	53,750,000	Bu. Oats.
44,500,000	26,738,000	Bu. Barley.
2,700,000	1,655,000	Bu. Rye.
6,534,000	8,137,000	Bu. Flaxseed.
7,200,000	6,975,000	Bu. White Potatoes.
660,000	884,000	Tons Tame Hay.
2,500,000	2,670,000	Tons Wild Hay.
1,260,000	1,350,000	Lbs. Wool.

1917	1918	CROPS.
56,000,000	101,010,000	Bu. Wheat.
5,310,000	9,196,000	Bu. Corn.
38,625,000	60,512,000	Bu. Oats.
22,812,000	37,281,000	Bu. Barley.
9,880,000	20,422,000	Bu. Rye.
000	000	Bu. Buckwheat.
3,764,000	000	Bu. Flaxseed.
000	000	Bu. Rice.
3,870,000	8,910,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
484,000	574,000	Tons Tame Hay.
1,417,000	1,904,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
000	000	Bu. Apples.
000	000	Bu. Peaches.
000	000	Bu. Pears.
1,418,000	1,560,000	Lbs. Wool.

OHIO

Has 272,045 Farms.
Average 88.6 Acres.

2,101,978 Farm Population.

1916.	LIVE STOCK.	1917.
922,000	Dairy Cows.	950,000
872,000	Other Cattle.	863,000
3,713,000	Swine.	3,527,000
3,067,000	Sheep.	2,944,000
5,600	Goats.	6,000
901,000	Horses.	892,000
26,000	Mules.	26,000
1918.	LIVE STOCK.	1919.
940,000	Dairy Cattle.	1,030,000
954,000	Other Cattle.	1,102,000
3,774,000	Swine.	4,266,000
3,091,000	Sheep.	2,980,000
883,000	Horses.	891,000
26,000	Mules.	28,000

1915	1916	CROPS.
40,194,000	20,250,000	Bu. Wheat.
156,040,000	115,762,000	Bu. Corn.
69,003,000	48,076,000	Bu. Oats.
930,000	917,000	Bu. Barley.
1,750,000	1,088,000	Bu. Rye.
414,000	336,000	Bu. Buckwheat.
12,546,000	6,300,000	Bu. White Potatoes.
95,000	99,000	Bu. Sweet Potatoes.
1,058	1,097	Acres Celery.
27,100	11,900	Tons Cabbage.
272,034	1,445,109	Bu. Onions.
4,049,000	4,867,000	Tons Tame Hay.
3,000	3,000	Tons Wild Hay.
84,330,000	95,000,000	Pounds Tobacco.
289,000	183,000	Tons Sugar Beets.
5,984,000	2,867,000	Barrels Apples.
2,399,000	1,305,000	Bu. Peaches.
560,000	376,000	Bu. Pears.
13,600,000	13,650,000	Lbs. Wool.

1917	1918	CROPS.
41,140,000	43,543,000	Bu. Wheat.
150,100,000	135,200,000	Bu. Corn.
78,100,000	79,200,000	Bu. Oats.
1,320,000	3,150,000	Bu. Barley.
1,872,000	1,887,000	Bu. Rye.
464,000	448,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
16,000,000	11,040,000	Bu. White Potatoes.
95,000	96,000	Bu. Sweet Potatoes.
4,154,000	4,095,000	Tons Tame Hay.
3,000	3,000	Tons Wild Hay.
99,072,000	113,288,000	Lbs. Tobacco.
000	000	Bales Cotton.
242,300	328,900	Tons Sugar Beets.
35,000	000	Bu. Beans.
38,610	000	Tons Cabbage.
231,000	139,000	Bu. Clover Seed.
6,336,000	8,316,000	Bu. Apples.
496,000	348,000	Bu. Peaches.
334,000	304,000	Bu. Pears.
12,000,000	12,600,000	Lbs. Wool.

OKLAHOMA

Has 190,192 Farms.
Average 151.7 Acres.

1,337,000 Farm Population.

1916.	LIVE STOCK.	1917.
519,000	Dairy Cows.	535,000
1,186,000	Other Cattle.	1,222,000
1,491,000	Swine.	1,372,000
95,000	Sheep.	104,000
22,000	Goats.	26,000
743,000	Horses.	743,000
282,000	Mules.	276,000
5,900	Jack Stock.	6,000

1918.	LIVE STOCK.	1919.
562,000	Dairy Cows.	561,000
1,404,000	Other Cattle.	1,444,000
1,219,000	Swine.	1,036,000
208,000	Sheep.	128,000
737,000	Horses.	744,000
276,000	Mules.	288,000

1915	1916	CROPS.
36,540,000	29,585,000	Bu. Wheat.
123,900,000	53,325,000	Bu. Corn.
37,800,000	15,070,000	Bu. Oats.
212,000	100,000	Bu. Barley.
81,000	90,000	Bu. Rye.
2,975,000	1,802,000	Bu. White Potatoes.
1,380,000	962,000	Bu. Sweet Potatoes.
1,058,000	825,000	Tons Tame Hay.
791,000	645,000	Tons Wild Hay.
630,000	835,000	Bales Cotton.
780,000	275,000	Bu. Apples.
2,408,000	300,000	Bu. Peaches.
68,000	11,000	Bu. Pears.
490,000	500,000	Lbs. Wool.

1917	1918	CROPS.
36,650,000	32,899,000	Bu. Wheat.
33,150,000	24,375,000	Bu. Corn.
26,450,000	33,120,000	Bu. Oats.
162,000	136,000	Bu. Barley.
90,000	88,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
2,484,000	1,258,000	Bu. White Potatoes.
1,350,000	975,000	Bu. Sweet Potatoes.
920,000	677,000	Tons Tame Hay.
450,000	336,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
890,000	550,000	Bales Cotton.
000	000	Tons Sugar Beets.
000	000	Bu. Beans.
22,400,000	15,260,000	Bu. Kafirs.
26,250	16,100	Tons Broom Corn.
544,000	440,000	Bu. Peanuts.
1,300,000	453,000	Bu. Apples.
1,150,000	303,000	Bu. Peaches.
45,000	38,000	Bu. Pears.
450,000	518,000	Lbs. Wool.

OREGON

Has 45,705 Farms.
Average 256.8 Acres.

365,705 Farm Population.

1916.	LIVE STOCK.	1917.
216,000	Dairy Cows.	222,000
553,000	Other Cattle.	577,000
396,000	Swine.	315,000
2,563,000	Sheep.	2,484,000
185,000	Goats.	188,000
295,000	Horses.	286,000
10,000	Mules.	10,000

1918.	LIVE STOCK.	1919.
227,000	Dairy Cows.	222,000
683,000	Other Cattle.	703,000
309,000	Swine.	348,000
2,448,000	Sheep.	2,497,000
309,000	Horses.	303,000
10,000	Mules.	10,000

1915	1916	CROPS.
20,025,000	19,550,000	Bu. Wheat.
1,155,000	1,340,000	Bu. Corn.
16,060,000	17,280,000	Bu. Oats.
4,630,000	5,390,000	Bu. Barley.
414,000	510,000	Bu. Rye.
5,520,000	8,250,000	Bu. White Potatoes.
276,400	363,500	Bu. Onions.
1,870,000	1,955,000	Tons Tame Hay.
268,000	220,000	Tons Wild Hay.
1,043,000	1,285,000	Barrels Apples.
432,000	276,000	Bu. Peaches.
525,000	555,000	Bu. Pears.
14,820,000	13,200,000	Lbs. Wool.

1917	1918	CROPS.
12,811,000	15,228,000	Bu. Wheat.
1,260,000	1,364,000	Bu. Corn.
9,125,000	9,025,000	Bu. Oats.
5,278,000	4,450,000	Bu. Barley.
356,000	492,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
8,100,000	5,500,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,638,000	1,467,000	Tons Tame Hay.
218,000	194,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
5,000,000	3,500,000	Lbs. Hops.
30,000	21,000	Bu. Clover Seed.
3,506,000	3,500,000	Bu. Apples.
250,000	118,000	Bu. Peaches.
600,000	672,000	Bu. Pears.
29,545	26,565	Tons Cabbage.
12,000,000	12,500,000	Lbs. Wool.

PENNSYLVANIA

Has 219,295 Farms.
Average 34.8 Acres.

3,034,441 Farm Population.

1916.	LIVE STOCK.	1917.
971,000	Dairy Cows.	980,000
657,000	Other Cattle.	664,000
1,210,000	Swine.	1,174,000
856,000	Sheep.	835,000
3,800	Goats.	4,000
602,000	Horses.	596,000
47,000	Mules.	48,000

1918.	LIVE STOCK.	1919.
960,000	Dairy Cows.	979,000
717,000	Other Cattle.	731,000
1,291,000	Swine.	1,430,000
913,000	Sheep.	959,000
590,000	Horses.	578,000
48,000	Mules.	48,000

1915	1916	CROPS.
24,605,000	26,125,000	Bu. Wheat.
58,520,520	56,550,000	Bu. Corn.
43,320,000	25,030,000	Bu. Oats.
236,000	300,000	Bu. Barley.
4,332,000	4,420,000	Bu. Rye.
5,754,000	3,780,000	Bu. Buckwheat.
20,160,000	19,040,000	Bu. White Potatoes.
105,000	100,000	Bu. Sweet Potatoes.
2,737	2,553	Acres Celery.
101,000	71,400	Bu. Onions.
4,340,000	5,208,000	Tons Tame Hay.
14,000	23,000	Tons Wild Hay.
42,390,000	49,096,000	Pounds Tobacco.
5,085,000	6,207,000	Barrels Apples.
2,044,000	1,058,000	Bu. Peaches.
494,000	509,000	Bu. Pears.
4,030,000	4,225,000	Lbs. Wool.

1917	1918	CROPS.
24,482,000	24,718,000	Bu. Wheat.
62,212,000	62,400,000	Bu. Corn.
41,125,000	47,190,000	Bu. Oats.
364,000	420,000	Bu. Barley.
4,420,000	4,250,000	Bu. Rye.
6,300,000	5,850,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
29,532,000	24,400,000	Bu. White Potatoes.
110,000	120,000	Bu. Sweet Potatoes.
4,329,000	4,272,000	Tons Tame Hay.
15,000	13,000	Tons Wild Hay.
58,100,000	64,752,000	Lbs. Tobacco.
104,000	000	Bu. Beans.
7,000	000	Bu. Clover Seed.
12,150,000	17,775,000	Bu. Apples.
1,440,000	1,210,000	Bu. Peaches.
448,000	000	Bu. Pears.
10,000	16,000	Bu. Clover Seed.
4,225,000	4,774,000	Lbs. Wool.

RHODE ISLAND

Has 5,292 Farms.
Average 83.8 Acres.

17,956 Farm Population.

1916.	LIVE STOCK.	1917.
22,000	Dairy Cows.	22,000
10,000	Other Cattle.	11,000
15,000	Swine.	14,000
6,000	Sheep.	5,000
9,000	Horses.	8,000

1918.	LIVE STOCK.	1919.
21,000	Dairy Cows.	20,000
12,000	Other Cattle.	13,000
16,000	Swine.	14,000
6,000	Sheep.	7,000
8,000	Horses.	8,000

1915	1916	CROPS.
516,000	341,000	Bu. Corn.
66,000	54,000	Bu. Oats.
550,000	370,000	Bu. White Potatoes.
71,000	81,000	Tons Tame Hay.
1,000	1,000	Tons Wild Hay.
59,000	87,000	Barrels Apples.
29,000	14,000	Bu. Peaches.
10,000	14,000	Bu. Pears.
25,000	25,000	Lbs. Wool.

1917	1918	CROPS.
000	000	Bu. Wheat.
546,000	572,000	Bu. Corn.
62,000	81,000	Bu. Oats.
000	000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
675,000	650,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
90,000	75,000	Tons Tame Hay.
1,000	1,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
198,000	201,000	Bu. Apples.
20,000	000	Bu. Peaches.
7,000	000	Bu. Pears.
24,000	24,000	Lbs. Wool.

SOUTH CAROLINA

Has 176,434 Farms.

Average 76.6 Acres.

1,290,568 Farm Population.

1916.	LIVE STOCK.	1917.
189,000	Dairy Cows.	189,000
215,000	Other Cattle.	215,000
912,000	Swine.	920,000
30,000	Sheep.	30,000
27,000	Goats.	26,000
84,000	Horses.	85,000
171,000	Mules.	174,000

1918.	LIVE STOCK.	1919.
193,000	Dairy Cows.	203,000
232,000	Other Cattle.	244,000
965,000	Swine.	1,056,000
31,000	Sheep.	29,000
85,000	Horses.	82,000
179,000	Mules.	194,000

1915	1916	CROPS.
2,430,000	2,226,000	Bu. Wheat.
35,558,000	32,008,000	Bu. Corn.
9,975,000	9,000,000	Bu. Oats.
30,000	49,000	Bu. Rye.
90,000	49,000	Bu. Rice.
880,000	750,000	Bu. White Potatoes.
6,285,000	5,676,000	Bu. Sweet Potatoes.
286,000	325,000	Tons Tame Hay.
14,000	15,000	Tons Wild Hay.
1,160,000	920,000	Bales Cotton.
37,700,000	20,280,000	Pounds Tobacco.
221,000	196,000	Barrels Apples.
864,000	541,000	Bu. Peaches.
91,000	56,000	Bu. Pears.
100,000	95,000	Lbs. Wool.

1917	1918	CROPS.
1,838,000	2,255,000	Bu. Wheat.
43,947,000	38,250,000	Bu. Corn.
6,000,000	11,000,000	Bu. Oats.
000	000	Bu. Barley.
170,000	202,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
75,000	104,000	Bu. Rice.
1,440,000	2,556,000	Bu. White Potatoes.
7,600,000	7,600,000	Bu. Sweet Potatoes.
280,000	286,000	Tons Tame Hay.
10,000	10,000	Tons Wild Hay.
51,120,000	62,208,000	Lbs. Tobacco.
1,235,000	1,500,000	Bales Cotton.
450,000	630,000	Bu. Peanuts.
818,000	800,000	Bu. Apples.
1,130,000	1,064,000	Bu. Peaches.
100,000	980,000	Bu. Pears.
95,000	103,000	Lbs. Wool.

SOUTH DAKOTA

Has 77,644 Farms.
Average 335.1 Acres.

507,215 Farm Population.

1916.	LIVE STOCK.	1917.
485,000	Dairy Cows.	524,000
1,064,000	Other Cattle.	1,181,000
1,314,000	Swine.	1,432,000
604,000	Sheep.	658,000
2,400	Goats.	2,400
759,000	Horses.	774,000
15,000	Mules.	15,000

1918.	LIVE STOCK.	1919.
535,000	Dairy Cows.	561,000
1,438,000	Other Cattle.	1,496,000
1,504,000	Swine.	1,654,000
750,000	Sheep.	810,000
811,000	Horses.	827,000
16,000	Mules.	16,000

1915	1916	CROPS.
63,762,000	24,823,000	Bu. Wheat.
94,250,000	84,075,000	Bu. Corn.
72,450,000	56,425,000	Bu. Oats.
24,000,000	18,728,000	Bu. Barley.
3,900,000	4,500,000	Bu. Rye.
1,650,000	1,395,000	Bu. Flaxseed.
7,280,000	4,290,000	Bu. White Potatoes.
1,220,000	1,387,000	Tons Tame Hay.
4,340,000	3,909,000	Tons Wild Hay.
100,000	116,000	Barrels Apples.
3,150,000	3,560,000	Lbs. Wool.

1917	1918	CROPS.
52,024,000	71,305,000	Bu. Wheat.
97,150,000	108,188,000	Bu. Corn.
65,450,000	84,240,000	Bu. Oats.
26,520,000	41,300,000	Bu. Barley.
5,600,000	10,350,000	Bu. Rye.
000	000	Bu. Buckwheat.
950,000	1,368,000	Bu. Flaxseed.
000	000	Bu. Rice.
7,200,000	8,190,000	Bu. White Potatoes.
1,102,000	1,235,000	Tons Tame Hay.
2,925,000	3,185,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
349,000	109,000	Bu. Apples.
000	000	Bu. Peaches.
000	000	Bu. Pears.
3,738,000	4,747,000	Lbs. Wool.

TENNESSEE

Has 246,012 Farms.
Average 81.5 Acres.

1,743,744 Farm Population.

1916.	LIVE STOCK.	1917.
366,000	Dairy Cows.	366,000
518,000	Other Cattle.	528,000
1,531,000	Swine.	1,485,000
661,000	Sheep.	650,000
43,000	Goats.	44,000
349,000	Horses.	350,000
272,000	Mules.	270,000
7,900	Jack Stock.	8,000

1918.	LIVE STOCK.	1919.
373,000	Dairy Cows.	380,000
554,000	Other Cattle.	587,000
1,634,000	Swine.	1,965,000
666,000	Sheep.	567,000
350,000	Horses.	357,000
273,000	Mules.	278,000

1915	1916	CROPS.
9,030,000	7,958,000	Bu. Wheat.
94,500,000	84,500,000	Bu. Corn.
8,746,000	7,560,000	Bu. Oats.
144,000	237,000	Bu. Barley.
189,000	150,000	Bu. Rye.
54,000	54,000	Bu. Buckwheat.
3,168,000	2,952,000	Bu. White Potatoes.
2,835,000	2,700,000	Bu. Sweet Potatoes.
1,396,000	1,449,000	Tons Tame Hay.
32,000	38,000	Tons Wild Hay.
295,000	378,000	Bales Cotton.
69,675,000	81,760,000	Pounds Tobacco.
2,025,000	1,772,000	Barrels Apples.
2,460,000	1,080,000	Bu. Peaches.
195,000	59,000	Bu. Pears.
1,870,000	1,870,000	Lbs. Wool.

1917	1918	CROPS.
4,830,000	7,500,000	Bu. Wheat.
111,150,000	84,000,000	Bu. Corn.
7,350,000	8,125,000	Bu. Oats.

120,000	184,000	Bu. Barley.
120,000	300,000	Bu. Rye.
68,000	90,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
4,888,000	3,500,000	Bu. White Potatoes.
2,850,000	2,940,000	Bu. Sweet Potatoes.
1,142,000	1,620,000	Tons Tame Hay.
31,000	34,000	Tons Wild Hay.
81,810,000	62,240,000	Lbs. Tobacco.
206,000	350,000	Bales Cotton.
60,000	000	Bu. Beans.
450,000	684,000	Bu. Peanuts.
12,000	12,000	Bu. Clover Seed.
5,000,000	4,700,000	Bu. Apples.
900,000	840,000	Bu. Peaches.
75,000	112,000	Bu. Pears.
1,776,000	1,954,000	Lbs. Wool.

TEXAS

Has 417,770 Farms.
Average 269.1 Acres.

2,958,438 Farm Population.

1916.	LIVE STOCK.	1917.
1,119,000	Dairy Cows.	1,175,000
5,428,000	Other Cattle.	5,482,000
3,197,000	Swine.	3,229,000
2,156,000	Sheep.	2,328,000
1,135,000	Goats.	1,150,000
1,180,000	Horses.	1,156,000
768,000	Mules.	760,000
20,000	Jack Stock.	21,000
1918.	LIVE STOCK.	1919.
1,128,000	Dairy Cows.	1,060,000
4,660,000	Other Cattle.	3,961,000
3,068,000	Swine.	2,320,000
2,188,000	Sheep.	2,232,000
1,212,000	Horses.	1,164,000
808,000	Mules.	792,000

1915	1916	CROPS.
22,862,000	13,200,000	Bu. Wheat.
175,070,000	131,100,000	Bu. Corn.
44,375,000	42,750,000	Bu. Oats.
252,000	153,000	Bu. Barley.
34,000	20,000	Bu. Rye.
7,930,000	10,575,000	Bu. Rice.
2,730,000	2,000,000	Bu. White Potatoes.
5,880,000	7,120,000	Bu. Sweet Potatoes.
765,000	576,000	Tons Tame Hay.
343,000	262,000	Tons Wild Hay.
3,175,000	3,775,000	Bales Cotton.
100,000	140,000	Pounds Tobacco
187,000	156,000	Barrels Apples.
4,235,000	3,025,000	Bu. Peaches.
301,000	322,000	Bu. Pears.
9,750,000	10,250,000	Lbs. Wool.
1917	1918	CROPS.
16,200,000	8,920,000	Bu. Wheat.
77,285,000	69,000,000	Bu. Corn.
37,050,000	22,197,000	Bu. Oats.
180,000	170,000	Bu. Barley.
20,000	22,000	Bu. Rye.
000	000	Bu. Flaxseed.
6,210,000	7,840,000	Bu. Rice.
2,760,000	3,300,000	Bu. White Potatoes.
6,552,000	5,046,000	Bu. Sweet Potatoes.
450,000	581,000	Tons Tame Hay.
164,000	128,000	Tons Wild Hay.
134,000	000	Lbs. Tobacco.
3,115,000	2,580,000	Bales Cotton.
14,766,000	24,075,000	Bu. Kaffirs.
8,400,000	19,200	Tons Broom Corn.
16,200,000	7,117,000	Bu. Peanuts.
345,000	198,000	Bu. Apples.
2,352,000	2,041,000	Bu. Peaches.
280,000	246,000	Bu. Pears.
10,045,000	11,250,000	Lbs. Wool.

UTAH

Has 21,676 Farms.
Average 156.7 Acres.

200,417 Farm Population.

1916.	LIVE STOCK.	1917.
96,000	Dairy Cows.	91,000
408,000	Other Cattle.	408,000
112,000	Swine.	101,000
2,089,000	Sheep.	2,089,000
28,000	Goats.	29,000
146,000	Horses.	158,000
2,000	Mules.	2,000
1,100	Jack Stock.	1,200

1918.	LIVE STOCK.	1919.
96,000	Dairy Cows.	101,000
457,000	Other Cattle.	480,000
102,000	Swine.	123,000
2,340,000	Sheep.	2,410,000
115,000	Horses.	148,000
2,000	Mules.	2,000
1915	1916	CROPS.
8,825,000	6,900,000	Bu. Wheat.
412,000	429,000	Bu. Corn.
4,700,000	4,480,000	Bu. Oats.
1,445,000	1,224,000	Bu. Barley.
202,000	144,000	Bu. Rye.
2,500,000	3,600,000	Bu. White Potatoes.
985,000	845,000	Tons Tame Hay.
110,000	102,000	Tons Wild Hay.
691,000	941,000	Tons Sugar Beets.
142,000	33,000	Barrels Apples.
212,000	90,000	Bu. Peaches.
31,000	12,000	Bu. Pears.
15,000,000	15,000,000	Lbs. Wool.
1917	1918	CROPS.
5,650,000	6,464,000	Bu. Wheat.
500,000	672,000	Bu. Corn.
4,400,000	4,410,000	Bu. Oats.
1,221,000	1,120,000	Bu. Barley.
104,000	208,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
4,347,000	3,600,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,137,000	1,020,000	Tons Tame Hay.
119,000	70,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
776,000	1,012,900	Tons Sugar Beets.
650,000	780,000	Bu. Apples.
900,000	1,080,000	Bu. Peaches.
48,000	51,000	Bu. Pears.
14,800,000	15,800,000	Lbs. Wool.

VERMONT

Has 32,709 Farms.
Average 142.6 Acres.

187,013 Farm Population.

1916.	LIVE STOCK.	1917.
273,000	Dairy Cows.	281,000
170,000	Other Cattle.	172,000
113,000	Swine.	113,000
100,000	Sheep.	100,000
89,000	Horses.	89,000
1918.	LIVE STOCK.	1919.
295,000	Dairy Cows.	281,000
189,000	Other Cattle.	194,000
120,000	Swine.	125,000
106,000	Sheep.	107,000
89,000	Horses.	88,000
1915	1916	CROPS.
30,000	25,000	Bu. Wheat.
2,256,000	1,935,000	Bu. Corn.
3,483,000	2,560,000	Bu. Oats.
420,000	412,000	Bu. Barley.
17,000	20,000	Bu. Rye.
216,000	210,000	Bu. Buckwheat.
2,592,000	2,576,000	Bu. White Potatoes.
1,310,000	1,666,000	Tons Tame Hay.
14,000	18,000	Tons Wild Hay.
130,000	160,000	Pounds Tobacco.
324,000	1,104,000	Barrels Apples.
17,000	24,000	Bu. Pears.
590,000	580,000	Lbs. Wool.
1917	1918	CROPS.
120,000	396,000	Bu. Wheat.
2,538,000	1,710,000	Bu. Corn.
3,168,000	4,223,000	Bu. Oats.
493,000	496,000	Bu. Barley.
20,000	21,000	Bu. Rye.
286,000	294,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
3,000,000	3,380,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,531,000	1,291,000	Tons Tame Hay.
13,000	12,000	Tons Wild Hay.
165,000	000	Lbs. Tobacco.
100,000	000	Bu. Beans.
1,286,000	1,002,000	Bu. Apples.
000	000	Bu. Peaches.
14,000	13,000	Bu. Pears.
14,620	16,160	Tons Cabbage.
597,000	663,000	Lbs. Wool.

VIRGINIA

Has 184,018 Farms.
Average 105.9 Acres.

1,585,083 Farm Population.

1916.	LIVE STOCK.	1917.
359,000	Dairy Cows.	373,000
472,000	Other Cattle.	486,000
1,023,000	Swine.	1,023,000
734,000	Sheep.	686,000
7,000	Goats.	7,000
361,000	Horses.	361,000
64,000	Mules.	64,000
1918.	LIVE STOCK.	1919.
377,000	Dairy Cows.	424,000
510,000	Other Cattle.	567,000
1,105,000	Swine.	1,134,000
686,000	Sheep.	713,000
365,000	Horses.	369,000
65,000	Mules.	66,000

1915	1916	CROPS.
16,974,000	16,250,000	Bu. Wheat.
60,562,000	60,990,000	Bu. Corn.
5,625,000	5,750,000	Bu. Oats.
348,000	358,000	Bu. Barley.
1,015,000	938,000	Bu. Rye.
520,000	480,000	Bu. Buckwheat.
17,500,000	16,250,000	Bu. White Potatoes.
3,740,000	5,070,000	Bu. Sweet Potatoes.
945,000	1,066,000	Tons Tame Hay.
12,900	6,100	Tons Cabbage.
9,000	9,000	Tons Wild Hay.
16,800	29,000	Bales Cotton.
144,375,000	129,200,000	Pounds Tobacco.
4,393,000	4,433,000	Barrels Apples.
1,300,000	593,000	Bu. Peaches.
261,000	122,000	Bu. Pears.
1,835,000	1,900,000	Lbs. Wool.
1917	1918	CROPS.
17,920,000	15,600,000	Bu. Wheat.
72,275,000	56,000,000	Bu. Corn.
5,512,000	5,175,000	Bu. Oats.
360,000	324,000	Bu. Barley.
1,155,000	1,200,000	Bu. Rye.
696,000	798,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
19,800,000	11,750,000	Bu. White Potatoes.
4,160,000	3,360,000	Bu. Sweet Potatoes.
986,000	1,542,000	Tons Tame Hay.
10,000	9,000	Tons Wild Hay.
129,500,000	146,300,000	Lbs. Tobacco.
16,000	26,000	Bales Cotton.
15,050	000	Tons Cabbage.
5,775,000	5,880,000	Bu. Peanuts.
9,974,000	9,000,000	Bu. Apples.
800,000	578,000	Bu. Peaches.
194,000	119,000	Bu. Pears.
1,862,000	1,918,000	Lbs. Wool.

WASHINGTON

Has 56,192 Farms.
Average 208.4 Acres.

536,460 Farm Population.

1916.	LIVE STOCK.	1917.
263,000	Dairy Cows.	263,000
221,000	Other Cattle.	275,000
314,000	Swine.	283,000
568,000	Sheep.	585,000
8,500	Goats.	9,000
308,000	Horses.	305,000
15,000	Mules.	18,000
1918.	LIVE STOCK.	1919.
266,000	Dairy Cows.	216,000
294,000	Other Cattle.	307,000
283,000	Swine.	317,000
661,000	Sheep.	780,000
309,000	Horses.	303,000
19,000	Mules.	20,000
1915	1916	CROPS.
50,394,000	37,635,000	Bu. Wheat.
1,053,000	1,406,000	Bu. Corn.
13,750,000	14,300,000	Bu. Oats.
7,263,000	6,814,000	Bu. Barley.
146,000	102,000	Bu. Rye.
8,235,000	9,900,000	Bu. White Potatoes.
232,400	299,628	Bu. Onions.
1,868,000	2,006,000	Tons Tame Hay.
32,000	42,000	Tons Wild Hay.
2,433,000	3,225,000	Barrels Apples.
566,000	415,000	Bu. Peaches.
564,000	531,000	Bu. Pears.
4,500,000	4,750,000	Lbs. Wool.

1917	1918	CROPS.
29,218,000	26,429,000	Bu. Wheat.
1,517,000	1,634,000	Bu. Corn.
11,240,000	8,370,000	Bu. Oats.
4,930,000	2,630,000	Bu. Barley.
89,000	70,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
9,875,000	8,580,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,778,000	1,429,000	Tons Tame Hay.
41,000	35,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
128,000	000	Bu. Beans.
4,200,000	2,939,000	Lbs. Hops.
17,897,000	16,489,000	Bu. Apples.
504,000	1,130,000	Bu. Peaches.
595,000	630,000	Bu. Pears.
4,813,000	5,504,000	Lbs. Wool.

WEST VIRGINIA

Has 96,685 Farms.
Average 103.7 Acres.

992,877 Farm Population.

1916.	LIVE STOCK.	1917.
341,000	Dairy Cows.	245,000
362,000	Other Cattle.	369,000
378,000	Swine.	380,000
796,000	Sheep.	715,000
5,700	Goats.	6,000
194,000	Horses.	196,000
12,000	Mules.	12,000
1918.	LIVE STOCK.	1919.
245,000	Dairy Cows.	243,000
373,000	Other Cattle.	366,000
422,000	Swine.	439,000
751,000	Sheep.	789,000
196,000	Horses.	194,000
12,000	Mules.	12,000
1915	1916	CROPS.
4,500,000	4,640,000	Bu. Wheat.
25,200,000	22,112,000	Bu. Corn.
3,480,000	3,220,000	Bu. Oats.
224,000	320,000	Bu. Rye.
836,000	659,000	Bu. Buckwheat.
5,850,000	4,224,000	Bu. White Potatoes.
220,000	280,000	Bu. Sweet Potatoes.
1,095,000	1,270,000	Tons Tame Hay.
7,000	7,000	Tons Wild Hay.
9,831,000	12,690,000	Pounds Tobacco.
2,512,000	3,334,000	Barrels Apples.
1,164,000	520,000	Bu. Peaches.
63,000	42,000	Bu. Pears.
2,750,000	2,750,000	Lbs. Wool.
1917	1918	CROPS.
4,410,000	4,942,000	Bu. Wheat.
25,020,000	24,800,000	Bu. Corn.
3,861,000	4,320,000	Bu. Oats.
000	000	Bu. Barley.
270,000	301,000	Bu. Rye.
900,000	915,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
7,375,000	5,220,000	Bu. White Potatoes.
280,000	212,000	Bu. Sweet Potatoes.
1,003,000	1,037,000	Tons Tame Hay.
7,000	7,000	Tons Wild Hay.
9,040,000	9,792,000	Lbs. Tobacco.
144,000	000	Bu. Beans.
5,994,000	8,174,000	Bu. Apples.
608,000	850,000	Bu. Peaches.
33,000	33,000	Bu. Pears.
2,695,000	2,830,000	Lbs. Wool.

WISCONSIN

Has 177,127 Farms.
Average 119.0 Acres.

1,329,540 Farm Population.

1916.	LIVE STOCK.	1917.
1,675,000	Dairy Cows.	1,750,000
1,313,000	Other Cattle.	1,340,000
2,142,000	Swine.	2,060,000
664,000	Sheep.	645,000
5,000	Goats.	5,000
712,000	Horses.	715,000
3,000	Mules.	3,000
1918.	LIVE STOCK.	1919.
1,785,000	Dairy Cows.	1,803,000
1,394,000	Other Cattle.	1,436,000
2,019,000	Swine.	2,181,000

651,000	Sheep.	716,000
708,000	Horses.	694,000
3,000	Mules.	3,000
1915	1916	CROPS.
4,632,000	3,315,000	Bu. Wheat.
40,825,000	60,840,000	Bu. Corn.
99,475,000	81,400,000	Bu. Oats.
23,288,000	18,300,000	Bu. Barley.
7,770,000	6,055,000	Bu. Rye.
234,000	280,000	Bu. Buckwheat.
94,000	60,000	Bu. Flaxseed.
25,926,000	13,630,000	Bu. White Potatoes.
134,600	58,000	Tons Cabbage.
36,000	31,000	Barrels Cranberries.
285,950	220,932	Bu. Onions.
4,508,000	4,420,000	Tons Tame Hay.
420,000	481,000	Tons Wild Hay.
36,900,000	55,753,000	Pounds Tobacco.
2,250,000	2,510,000	Pounds Wool.
23,000	26,000	Bu. Pears.
1,473,000	878,000	Barrels Apples.
1917	1918	CROPS.
5,327,000	10,716,000	Bu. Wheat.
42,196,000	69,538,000	Bu. Corn.
99,000,000	110,162,000	Bu. Oats.
19,200,000	25,383,000	Bu. Barley.
7,585,000	7,674,000	Bu. Rye.
281,000	636,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
34,998,000	33,040,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
4,595,000	3,537,000	Tons Tame Hay.
427,000	413,000	Tons Wild Hay.
15,885,000	65,170,000	Lbs. Tobacco.
000	000	Bales Cotton.
262,000	000	Bu. Beans.
121,000	93,000	Tons Cabbage.
300,000	336,000	Bu. Clover Seed.
3,029,000	2,061,000	Bu. Apples.
000	000	Bu. Peaches.
000	000	Bu. Pears.
30,000	36,100	Bbls. Cranberries.
000	110,400	Tons Sugar Beets.
2,501,000	2,850,000	Lbs. Wool.

WYOMING

Has 10,987 Farms.
Average 717 Acres.
102,744 Farm Population.

1916.	LIVE STOCK.	1917.
50,000	Dairy Cows.	55,000
703,000	Other Cattle.	825,000
70,000	Swine.	69,000
4,338,000	Sheep.	4,381,000
3,000	Goats.	3,000
180,000	Horses.	191,000
2,000	Mules.	3,000
1918.	LIVE STOCK.	1919.
64,000	Dairy Cattle.	72,000
891,000	Other Cattle.	1,000,000
54,000	Swine.	65,000
4,100,000	Sheep.	4,013,000
209,000	Horses.	230,000
4,000	Mules.	4,000
1915	1916	CROPS.
3,315,000	3,560,000	Bu. Wheat.
625,000	550,000	Bu. Corn.
9,534,000	8,575,000	Bu. Oats.
612,000	825,000	Bu. Barley.
180,000	155,000	Bu. Rye.
26,000	14,000	Bu. Flaxseed.
2,400,000	2,340,000	Bu. White Potatoes.
1,210,000	1,044,000	Tons Tame Hay.
259,000	255,000	Tons Wild Hay.
29,200,000	31,000,000	Lbs. Wool.
1917	1918	CROPS.
4,206,000	6,600,000	Bu. Wheat.
660,000	1,000,000	Bu. Corn.
9,468,000	11,685,000	Bu. Oats.
733,000	1,110,000	Bu. Barley.
252,000	450,000	Bu. Rye.
000	000	Bu. Buckwheat.
20,000	27,000	Bu. Flaxseed.
000	000	Bu. Rice.
4,650,000	4,500,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
952,000	1,218,000	Tons Tame Hay.
300,000	330,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
000	000	Bu. Apples.
000	000	Bu. Peaches.
000	000	Bu. Pears.
30,380,000	34,026,000	Lbs. Wool.

Farmers and Laborers.

The United States Census is responsible for the figures presented herewith, and it shows that the working farm population was 12,389,840 in 1910, and by adding 10 per cent. the total now is 13,628,824. The laborers and farm foremen enumerated were included originally in 1910 in the list of farm laborers, but now it will be nearer the correct total if the farm foremen and garden laborers are allowed to represent the increase.

State.	Total Farmers.	Total Farm Laborers.	Farm Foremen, Etc.,	Garden, Etc., Laborers.
MAINE.	47,509	25,822	381	754
N. H....	20,175	14,380	284	536
VT....	27,673	21,028	297	382
MASS....	28,897	38,755	1,502	8,910
R. I....	4,368	6,908	201	1,483
CONN....	21,514	24,501	631	3,011
N. Y....	197,458	175,427	2,857	17,275
N. J....	30,639	45,429	905	6,965
PENN....	190,509	162,084	2,381	8,917
DEL....	10,325	12,417	87	331
MD....	44,143	65,808	843	3,337
VA....	165,417	183,509	1,543	3,558
W. VA....	87,286	72,789	968	844
N. C....	242,456	359,881	1,067	1,482
S. C....	172,387	338,461	1,206	919
GA....	286,662	433,777	1,843	2,168
FLA....	47,690	70,063	1,099	3,425
OHIO....	253,263	164,198	2,127	5,461
IND....	206,475	136,496	1,536	1,862
ILL....	248,636	198,877	2,079	5,823
MICH....	190,771	122,106	1,324	2,693
WIS....	170,605	125,940	1,040	1,527
MINN....	155,867	122,828	932	1,922
IOWA....	215,290	138,434	1,371	1,835
MO....	274,412	178,801	1,552	2,668
N. D....	76,274	54,548	566	100
S. D....	77,235	47,452	305	136
NEB....	129,593	72,898	658	650
KAS....	179,014	95,061	963	1,198
KY....	252,463	199,933	1,038	1,433
TENN....	233,752	230,658	896	1,934
ALA....	250,046	406,205	985	1,479
MISS....	271,120	400,835	1,261	1,047
LA....	113,806	216,544	1,928	1,968
TEXAS.	417,529	510,239	1,824	3,303
OKLA....	194,684	153,532	641	474
ARK....	211,042	255,151	944	967
MONT....	28,206	25,205	336	587
WYO....	11,879	12,797	109	62
COLO....	48,646	36,117	474	1,557
N. M....	32,488	33,631	159	397
ARIZ....	9,524	12,211	134	187
UTAH....	20,479	16,762	97	421
NEV....	3,033	5,542	109	85
IDAHO..	32,064	23,393	260	421
WASH....	57,565	40,433	787	3,065
OREGON	46,070	33,312	536	1,969
CALIF..	90,696	121,202	2,855	422,199
U. S....	6,147,635	6,242,205	47,591	133,927

All-Wheat Acreage.

The following table shows the winter, spring and total wheat acreage planted since and including the year 1909:

Year.	Winter, Acres.	Spring, Acres.	Total Acres.
1909.....	27,151,000	17,111,000	44,262,000
1910.....	27,329,000	18,352,000	45,681,000
1911.....	29,162,000	20,381,000	49,543,000
1912.....	26,571,000	19,243,000	45,814,000
3 Years...	83,062,000	57,976,000	141,038,000
1913.....	31,699,000	18,485,000	50,184,000
1914.....	36,008,000	17,533,000	53,541,000
1915.....	41,308,000	19,161,000	60,469,000
3 Years...	109,015,000	55,179,000	164,194,000
1916.....	34,709,000	17,607,000	52,316,000
1917.....	27,430,000	18,511,000	45,941,000
1918.....	36,392,000	22,489,000	58,881,000
3 Years...	98,531,000	58,607,000	157,138,000

TREES, SEEDS AND PLANTS.

A Directory Section of Agricultural Statistics Devoted to Growers of Seeds and Plants and to Buyers and Sellers Thereof.

This Directory Section of Agricultural Statistics is devoted to tree, plant and seed specialists and seed houses, wherever located. It will soon contain 500 names and addresses. We charge each firm one dollar a year to pay expense for the two lines and for a one-year subscription to the publication. The names appear for a year and continuously if the subscription is kept up. Extra lines, 50 cents per line. For an inch single-column advertisement in the Department of Seeds, Trees and Plants we charge \$6.00 a year, or \$12.00 for two inches. We invite advertising and subscriptions. Agricultural Statistics is sold all over the United States at 25 cents a copy.

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ANDERSON, A. C., Platte Valley Peerless Seeds, COLUMBUS, NEB.
ARCHAIS SEED STORE, Issue 100-Page Seed Book to Farmers, SEDALIA, MO.
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BROWNING, DAN, Seed Farm, Velvet Beans, Seed Corn, Millet, Etc., HELENA, GA.
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 PROVINCE, R. F., Producer of Lespedeza Clover Seed, BIG CREEK, MISS.
 PRUNTY, CHARLES E., Seed Merchant, 7 South Main St., ST. LOUIS, MO.
 REDFEARN, H., Early Mebane Triumph Cotton Seed, WINFIELD, TEXAS.
 RIEBEL (F. M.), & SON, Seed Corn Specialists, ARBELA, MO.
 ROBERTS, J. T., Cotton Seed Specialist and Grower, LOUISVILLE, GA.
 ROPER, A. L., Cow Peas, Seed Corn and Cane Seed, ADAIRSVILLE, GA.
 ROSS BROS. SEED COMPANY, Seed Book, Field and Garden Seeds, WICHITA, KAS.
 ROWLAND & CO., Buyers and Growers of Cow Peas, AUGUSTA, GA.
 ST. LOUIS SEED CO., also Poultry Supplies, 411 Washington Ave., ST. LOUIS, MO.

SALZER—JOHN A. SALZER SEED COMPANY, LA CROSSE, WIS.
 SCARFF, W. N., Nursery and Seed Grower, NEW CARLISLE, PA.
 SEWELL, C. B., Small Fruits, Cabbage and Grasses, BRUNDAGE, TEXAS.
 SCHISLER (A. W.) FIELD AND GARDEN SEED CO., All Kinds of Field and Garden Seeds, 704 to 710 N. Fourth st., ST. LOUIS, MO.
 SCOTT, O. M., & SONS COMPANY, Soy Bean Specialists, MARYSVILLE, O.
 SCOTT, Z. L., Specialty, Scott's Marlboro Corn, CONCORD, GA.
 SESSIONS, H. M., & SONS, Specialty, Seed Peanuts, ENTERPRISE, ALA.
 SHUMWAY, R. H., Pure and Sure Seeds, Catalogue free, ROCKFORD, ILL.
 SINTON PLANT CO., Cabbage Plants and Bermuda Onions, SINTON, TEXAS.
 SONDEREGGER NURSERIES AND SEED HOUSE, Specialty, Vegetables, BEATRICE, NEB.
 SOUTHERN SEED FARM, W. T. Brooks, Prop., Cotton Seed, ARLINGTON, GA.
 SPOKANE SEED COMPANY, Diamond Quality Seeds, SPOKANE, WASH.
 STEINHEIMER, R. P., Specialty, Marlboro Seed Corn, BROOKS, GA.
 STITH, R. G., & SON, Bermuda Grass Seed, Finest Quality, YUMA, ARIZONA.
 STONE, B. W., Acolian Farm, Pecan Nursery, THOMASVILLE, GA.
 STONEY, L. A., Cotton Seed Specialist, ALLENDALE, S. C.
 STOUT, H. T., Seed Corn Specialist, CRAWFORDSVILLE, IND.
 STRAWN, M. L., Mebane Triumph Cotton Seed, LOCKHART, TEXAS.
 SUTTON, G. D., COMPANY, Seed Corn Specialists, MASON CITY, ILL.
 SUTTON & PORTEUS, Aberdeen-Angus Bulls, LAWRENCE, KAS.
 TENNESSEE NURSERY COMPANY, Apple and Peach Trees, CLEVELAND, TENN.
 TEXAS PECAN NURSERY, Booklet "How To Grow Pecans," ARP, TEXAS.
 TEXAS SEED BREEDING FARMS, Rye, Oats and Bur Clover, SHERMAN, TEXAS.
 TRENT, S. G., Specialty, Tested Seed Corn, HIAWATHA, KAS.
 TROYER BROS., Seed Corn Specialists, LA FONTAINE, IND.
 TRUSSELL, C. H., Early Speckled Velvet Beans, WATHEN, GA.
 VALLEY VIEW GARDENS, Ever-Bearing Strawberries, Gov. Inspected, TIFFIN, OHIO.
 Vincennes Nurseries, Vincennes, Ind.
 WALLER (O. C.) & BROS., Strawberries and Other Plants, JUDSONIA, ARK.
 WARREN COUNTY SEED CORN GROWERS' ASS'N., BOWLING GREEN, KY.
 WATERS, W. P., Specialist, Seed Corn, Sorghum, Beans, PYATT, ARK.
 WEBER (H. J.) & SONS NURSERY CO., Postoffice, NURSERY, ST. LOUIS CO., MO.
 WEBER, SIDNEY J., Reclaimed Lespedeza Seeds (Japan Clover), BATON ROUGE, LA.
 WELCH NURSERY, Ever-Bearing Strawberry Plants, SHENANDOAH, IA.
 WESTON (A. M.) & CO., Specialty, Small Fruits, BRIDGMAN, MICH.
 WHITE—D. A. WHITE & SONS, Fancy Clover Seed, SALEM, ORE.
 WHITEWRIGHT SEED FARM, Improved Red Rust Proof Oats, WHITEWRIGHT, TEX.
 WICHITA NURSERIES, AND SEED HOUSE, Free Seed Book, WICHITA, KAS.
 WILL—OSCAR H. WILL COMPANY, Seed Corn Specialists, BISMARCK, N. D.
 WILSON, JAMES D., Specialty, Schrock Kafr Seed, R. F. D., PARSONS, KAS.
 WING SEED COMPANY, Alfalfa and All Others, MECHANICSBURG, OHIO.
 WOOD, T. W., & SONS, All Southern Farm and Garden Seeds, RICHMOND, VA.
 WOODFIELDS FARM, Choice Seed Corn, WYCOMBE, PA.
 WRAGG NURSERY COMPANY, Fruits and Ornamentals, DES MOINES, IA.

In the year 1742 M. Dubreuil, a planter of New Orleans, invented a cotton gin, which was so far successful as to give quite an impulse to cotton raising.

Jolly Roger, a thoroughbred stallion, was foaled in the year 1741. He was known on the English turf as "Roger of the Vale." He was the first horse that gave distinction to the racing stock of Virginia, where he was imported and commenced service as a sire in 1748.

FERTILIZER TONNAGE.

This tabulated statement is published by courtesy of the American Fertilizer Handbook, published by Ware Bros. Company, 1010 Arch street, Philadelphia, Pa. The table represents the amount of fertilized material used on farms. The years are 1911, 1916 and 1917. In 1914 the fertilizer consumption was 7,517,528.

State.	1911. Tons.	1916. Tons.	1917. Tons.
ALA.....	440,000	206,000	210,000
ARIZ.....	350	600	500
ARK.....	40,000	65,600	58,500
CALIF.....	49,700	29,415	43,964
COLO.....	500	1,000	1,000
CONN.....	45,000	90,000	115,000
DEL.....	25,000	45,000	50,000
FLA.....	183,347	212,250	214,038
GA.....	1,202,722	741,347	895,897
IAHO.....	60,000	500	500
ILL.....	179,839	132,159	156,000
IND.....	2,000	5,000	5,000
IOWA.....	1,500	7,900	7,600
KAN.....	65,000	62,000	93,000
KY.....	91,085	96,426	98,264
LA.....	140,000	155,000	160,923
MAINE.....	158,000	154,000	191,900
MD.....	72,000	65,000	70,000
MASS.....	45,000	70,000	91,455
MICH.....	2,000	5,000	6,000
MINN.....	148,237	75,667	76,717
MISS.....	41,685	41,000	65,000
MO.....	600	1,000	1,000
MONT.....	300	500	500
NEB.....	500	1,000	1,000
NEV.....	15,000	18,000	20,000
N. H.....	135,000	129,800	176,483
N. J.....	200	500	500
N. M.....	400,000	500,000	525,000
N. Y.....	711,380	650,000	849,723
N. C.....	500	700	1,000
OHIO.....	148,000	187,843	165,857
OKLA.....	8,000	20,000	21,000
OREGON.....	3,000	6,500	7,000
PENN.....	315,000	268,455	332,309
R. I.....	12,000	13,000	15,000
S. C.....	1,048,806	833,624	850,790
S. D.....	200	1,500	2,500
TENN.....	65,000	91,128	99,584
TEXAS.....	52,985	39,845	40,500
UTAH.....	600	1,000	1,000
VT.....	20,000	27,000	30,000
VA.....	359,465	369,520	496,217
WASH.....	1,300	3,000	1,000
W. VA.....	31,250	40,000	41,000
WIS.....	2,500	5,000	6,500
WYO.....	125	500	500
U. S.....	6,348,305	5,583,049	6,423,043
PORTO RICO.....	25,800	37,725	45,767

MONTHLY MARKETINGS OF WHEAT BY FARMERS.

Estimated Amount Sold Monthly by Farmers of the United States (Millions of Bushels).						
Month.	1917-18.	1916-17.	1915-16.	1914-15.	1913-14.	
July.....	41	83	60	141	108	
August.....	60	141	94	106	88	
September.....	108	104	122	125	94	
October.....	101	87	123	100	85	
November.....	77	60	105	83	64	
December.....	43	35	94	60	50	
January.....	26	45	58	41	44	
February.....	22	20	58	46	32	
March.....	21	24	32	26	28	
April.....	23	19	40	37	19	
May.....	17	19	40	22	23	
June.....	12	13	31	17	25	
Season.....	580	620	851	804	660	

The Baldwin apple, a chance seedling, sprang up in 1742 on the farm of Mr. John Ball, in Eastern Massachusetts, and brought into general notice by a Colonel Baldwin, who named it.

Exports of bananas from Jamaica were reported by the American Vice-Consul at Port Antonio as 16,200,000 bunches in 1914, 8,157,000 in 1915, and only 2,395,000 in 1917.

YEARLY MARKETING OF LIVE STOCK.

The following tabulated statement furnished by the United States Department of Agriculture gives the combined receipts and shipments of hogs, cattle and sheep at Chicago, Kansas City, Omaha, St. Louis, Sioux City, St. Joseph and St. Paul yearly since 1900. The receipts less shipments represent the home slaughter at the combined seven markets. The shipments include the stock sold for shipment and slaughter elsewhere.

CATTLE AT SEVEN MARKETS.

Year.	Receipts.	Shipments.	Slaughtered.
1900.....	7,179,344	3,793,308	3,386,036
1901.....	7,708,839	3,888,460	3,850,379
1902.....	8,375,408	4,292,705	4,082,703
1903.....	8,878,789	4,490,748	4,388,041
1904.....	8,690,699	4,552,554	4,138,145
1905.....	9,202,083	4,964,753	4,237,330
1906.....	9,373,825	5,026,689	4,347,136
1907.....	9,590,710	5,360,790	4,229,920
1908.....	8,827,360	4,936,731	3,890,629
1909.....	9,189,312	5,181,446	4,007,866
1910.....	9,116,687	5,122,994	3,993,703
1911.....	8,629,109	4,805,766	3,823,343
1912.....	8,061,494	4,318,648	3,742,846
1913.....	7,904,552	4,596,085	3,308,467
1914.....	7,182,239	3,933,663	3,248,576
1915.....	7,963,591	3,944,152	4,019,439
1916.....	9,319,851	4,713,700	4,606,151
1917.....	11,241,038	5,676,015	5,565,025
1918.....	12,064,416	5,749,835	6,314,581

HOGS AT SEVEN MARKETS.

Year.	Receipts.	Shipments.	Slaughtered.
1900.....	18,573,177	5,336,826	13,236,351
1901.....	20,339,861	5,772,717	14,567,147
1902.....	17,289,427	4,130,675	13,158,752
1903.....	16,780,250	4,233,572	12,546,678
1904.....	17,778,827	5,254,545	12,524,282
1905.....	18,988,933	5,614,305	13,374,627
1906.....	19,223,792	5,440,333	13,783,459
1907.....	19,544,617	5,993,068	13,551,548
1908.....	22,863,701	7,288,403	15,575,298
1909.....	18,854,641	6,381,667	12,472,974
1910.....	14,658,472	4,628,760	10,024,712
1911.....	19,226,547	6,418,246	12,808,301
1912.....	19,771,825	6,096,906	13,674,919
1913.....	19,924,331	6,414,815	13,509,412
1914.....	18,272,091	5,816,069	12,456,022
1915.....	21,031,405	6,823,983	14,207,422
1916.....	25,343,802	8,264,752	17,081,050
1917.....	20,945,301	7,151,995	13,793,306
1918.....	25,461,514	7,111,935	18,349,579

SHEEP AT SEVEN MARKETS.

Year.	Receipts.	Shipments.	Slaughtered.
1900.....	7,061,466	2,500,686	4,560,780
1901.....	7,798,359	2,712,866	5,085,493
1902.....	9,177,059	3,561,060	5,615,990
1903.....	9,680,692	3,983,310	5,697,382
1904.....	9,004,812	4,203,534	5,400,278
1905.....	10,372,259	4,725,872	5,846,387
1906.....	9,364,437	5,046,366	5,820,071
1907.....	9,857,877	4,543,000	5,308,877
1908.....	9,833,640	4,489,295	5,344,345
1909.....	10,284,905	4,172,388	6,112,517
1910.....	12,866,375	6,013,215	6,353,160
1911.....	13,521,492	5,891,034	7,630,458
1912.....	13,733,980	5,369,402	8,364,578
1913.....	14,037,839	6,046,260	7,991,570
1914.....	13,272,491	5,331,449	7,841,042
1915.....	11,160,246	4,370,504	6,789,742
1916.....	11,639,022	4,640,615	6,999,407
1917.....	10,017,353	4,534,489	5,482,864
1918.....	12,936,068	5,388,838	7,547,230

DRY EDIBLE BEANS, 1918.

State.	Acres.	Bushels.
NEW YORK.....	166,000	1,685,000
MICHIGAN.....	543,000	5,498,000
COLORADO.....	190,000	2,280,000
NEW MEXICO.....	200,000	1,350,000
ARIZONA.....	20,000	150,000
CALIFORNIA.....	597,000	8,931,000
Total, Six States.....	1,716,000	19,894,000

In the year 1759 the Bird's-foot violet was sent to the Apothecaries' Gardens, at Chelsea, near London, as early as this year probably by John Bartram, of Philadelphia, an eminent botanist, who sent many plants to England.

In 1759 the first sugar house equipped with machinery was erected at New Orleans by Dutreuil.

CANTALOUPE, WATERMELONS, PUMPKINS.

According to the last census enumeration, 16,278 farms occupy 52,419 acres with the production of cantaloupes (and muskmelons), 35,345 farms occupy 137,005 acres with the production of watermelons and 361 farms cultivate 1,163 acres for the special production of pumpkins. These tables being arranged side by side and state by state, form an interesting basis of information. It is the latest available.

State.	Cantaloupes. Farms.	Acres.	Water-melons. Farms.	Acres.	Pump- kins. Farms.	Acres.
ALA...	122	285	1,786	4,708	1	2
ARIZ...	110	452	328	735	21	54
ARK...	448	994	1,768	3,410	.....	.....
CALIF.	656	5,784	988	6,065	137	511
COLO.	738	3,970	210	467	8	15
CONN.	70	159	30	54	4	7
DEL...	551	1,163	320	859	3	6
D. C.	32	69	5	9	1	2
FLA...	408	3,408	1,627	17,711	1	2
GA...	368	3,022	3,255	16,298	.....	.....
IDAHO.	61	213	75	165	1	1
ILL...	927	2,332	1,192	6,211	12	89
IND...	994	3,855	1,677	7,915	.....	.....
IOWA.	234	764	477	3,464	4	24
KAS...	203	417	1,029	3,317	4	24
KY...	357	594	779	1,690	.....	.....
LA...	209	371	800	1,278	1	1
MAINE.	3	4	.....	.....	4	5
MD...	1,193	3,516	658	2,432	2	4
MASS.	32	51	21	31	10	42
MICH.	841	1,820	238	439	5	19
MINN.	195	453	59	103	7	13
MISS...	66	122	1,054	1,794	.....	.....
MO.	768	1,701	1,709	10,727	7	11
MONT.	4	5	16	30	.....	.....
NEB...	61	112	295	725	5	16
NEV...	57	399	24	34	1	4
N. H.	7	9	.....	.....	1	1
N. J.	1,494	3,861	896	2,226	24	67
N. M.	131	491	154	287	16	24
N. Y.	529	978	71	89	14	35
N. C.	626	2,256	1,895	5,825	.....	.....
N. D.	.....	.....	77	96	.....	.....
OHIO.	815	1,665	377	777	6	8
OKLA.	258	655	1,623	5,923	4	7
OREGON.	61	113	104	563	7	8
PENN.	216	333	128	241	6	9
R. I.	21	48	3	5	1	20
S. C.	214	977	1,082	5,051	.....	.....
S. D.	18	31	119	212	10	12
TENN.	506	1,456	1,372	2,398	2	4
TEXAS.	795	1,685	5,271	18,466	12	71
UTAH.	109	132	87	137	2	2
VT...	13	31	4	10	2	6
VA...	491	969	1,304	3,159	5	12
WASH.	111	310	93	214	3	3
W. VA.	54	128	149	473	2	16
WIS...	111	187	105	168	4	5
WYO...	.....	.....	6	9	1	1

U. S. 16,278 52,419 35,345 137,005 361 1,163

MEAT PRODUCTS EXPORTED.

In the year 1914 meat products were exported to the value of \$137,737,493, which increased to \$259,064,321 in the year 1915, and increased again to the value of \$279,198,960 in the year 1916. The statement herewith is from the reports of the United States Department of Commerce.

	1914. Pounds.	1915. Pounds.	1916. Pounds.
Beef, canned	30,731,748	60,999,828	54,026,922
Bee, fresh...	31,432,467	268,813,397	181,979,031
Beef, pickled	23,779,449	42,746,813	36,681,148
Oleo. Oil...	85,144,527	109,185,783	83,891,672
Oleomarg.	2,292,690	6,775,163	6,309,380
Tallow...	9,980,066	26,568,075	15,338,057
Bacon...	184,267,850	524,138,245	592,617,529
Hams and S...	142,398,301	266,442,819	287,161,195
Lard...	438,015,898	451,286,439	426,659,599
Neut'l Lard.	21,797,521	35,389,918	27,314,774
Pork, canned.	2,786,415	7,928,914	7,263,042
Pork, fresh.	1,250,977	24,230,183	55,172,868
Pork, pickled	37,906,108	59,047,397	55,148,024
Lard Comp.	63,355,911	63,869,985	49,821,709
Mutton...	3,847,093	4,230,929	5,157,883
Sausage...	5,092,436	13,345,189	11,998,350

The Society of Improvers in the Knowledge of Agriculture in Scotland organized in 1723. First of its kind in the United Kingdom.

POP CORN, SWEET CORN AND GREEN PEAS.

The extent of acreage devoted to pop corn, sweet corn and to green peas, together with the number of farms engaged in each kind of industry, is presented herewith. The figures represent a normal year and were compiled by the United States Census.

Produce.	Pop Corn. Farms.	Acres.	Sweet Corn. Farms.	Acres.	Green Peas. Farms.	Acres.
ALA...	12	16	57	175	191	426
ARIZ...	1	2	37	106	21	37
ARK...	16	24	74	145	79	180
CALIF.	59	361	809	2,854	787	3,427
COLO.	24	97	342	950	101	654
CONN.	12	19	902	2,142	124	232
DEL...	3	3	272	1,341	384	1,234
D. C.	.....	.....	23	47	20	40
FLA...	1	1	130	275	259	613
GA...	50	93	229	444	265	933
IDAHO	9	13	64	115	24	95
ILL...	189	998	2,431	19,376	340	2,821
IND...	109	357	2,058	7,977	771	4,084
IOWA.	428	5,345	2,013	12,568	58	397
KAS...	193	520	1,423	3,653	55	257
KY...	15	19	409	1,103	411	678
LA...	67	89	251	1,218	86	182
MAINE.	8	11	3,549	8,693	158	257
MD...	9	17	2,330	18,337	1,179	6,030
MASS.	31	93	1,976	4,942	288	547
MICH.	200	362	2,433	5,726	926	4,548
MINN.	73	266	803	2,829	141	316
MISS.	4	6	51	112	257	435
MO...	87	226	1,174	2,858	97	301
MONT.	.....	.....	79	164	7	10
NEB...	213	2,167	851	3,167	5	7
NEV...	.....	.....	18	23	3	7
N. H.	8	16	267	589	26	33
N. J.	17	34	2,705	10,442	876	4,912
N. M.	1	7	20	41	12	16
N. Y.	188	344	6,584	23,739	4,501	16,992
N. C.	7	16	211	369	339	835
N. D.	4	9	75	141	6	10
OHIO.	172	439	4,591	17,298	538	2,000
OKLA.	54	98	240	548	32	46
OREGON	14	54	211	457	60	116
PENN.	50	107	4,996	11,764	250	553
R. I.	4	4	317	790	76	205
S. C.	5	8	33	91	227	551
S. D.	31	81	194	579	6	82
TENN.	18	23	134	365	217	386
TEXAS.	52	92	167	418	311	742
UTAH.	8	16	75	120	138	323
VT...	8	48	285	1,110	26	39
VA...	10	18	751	2,101	1,053	2,292
WASH.	11	62	255	561	105	352
W. VA.	6	7	455	878	43	72
WIS...	54	184	936	3,789	1,340	11,182
WYO...	.....	.....	24	44	.....	.....

Total. 2,523 12,773 48,514 178,224 17,219 70,487

RICE PRODUCTION OF 1917.

The final estimate of rice production of 1917 shows an increased acreage. A reduction of the production from 47 bushels per acre in 1916 to 37.6 bushels in 1917 brought about the decreased total crop.

State.	Planted Acres.	Yield Per Acres.	Production. Bushels.
ALA.....	400	27.0	12,000
ARK.....	146,200	41.0	5,994,000
CALIF.....	80,000	70.0	5,600,000
FLA.....	800	25.0	21,000
GA.....	900	30.0	27,000
LA.....	500,000	36.5	18,250,000
MISS.....	2,100	30.0	63,000
MO.....	400	45.0	18,000
N. C.....	300	26.0	8,000
S. C.....	3,000	25.0	75,000
TEXAS.....	230,000	27.0	6,210,000

U. S. 964,100 37.6 36,278,000

About the year 1724 the horticulturist Dudley said that Indian corn is of several colors, as blue, red and yellow; and if they are planted separately by themselves they will keep their own color; but if they are planted one color near another they will mix and interchange their colors.

About the year 1740 James Small, of Berwickshire, in Scotland, first introduced the plow with the cast-iron mouldboard, still using wrought-iron shares.

SMALL FRUITS.

The Number of Farms Reporting the Class of Berries Raised Upon Them.

In the United States, during the last census year, 1909, a total of 272,460 farms produced more or less small fruits and on some farms more than one berry was raised. The farms reported as raising strawberries were 216,544; blackberries and dewberries, 141,157; raspberries and Loganberries, 116,929; cranberries, 3,910; currants, 62,093; gooseberries, 58,567; and other berries, 609. The total production was 426,565 quarts, and valued at \$29,974,481. Ten years previous the number of farms reporting were 309,770, and the production was 426,565 quarts.

The tabulated statement presented herewith represents the number of farms in each state growing different kinds of berries.

State.	Strawberries, Farms....	Blackberries, Farms....	Raspberries, Farms....	Cranberries, Farms....	Currants, Farms....	Gooseberries, Farms....
ALA....	1,958	632	169	1	15	40
ARIZ....	68	40	17	.....	10	4
ARK....	3,869	1,430	449	4	58	391
CALIF..	2,282	3,190	2,524	12	364	343
COLO..	1,231	384	1,071	.....	1,049	842
CONN..	2,260	555	943	105	570	130
DEL....	3,625	650	237	.....	23	39
D.OF C.	16	2	2	.....	3	1
FLA....	1,014	210	8	.....	3	.....
GA....	1,394	608	159	.....	36	10
IDAHO..	1,605	500	2,086	.....	1,374	1,390
ILL....	10,311	14,138	8,156	166	3,635	8,131
IND....	5,433	5,216	4,104	3	2,690	4,088
IA....	19,874	15,874	12,574	4	6,906	6,382
KAN....	3,967	6,912	1,678	.....	829	1,928
KY....	3,983	8,011	1,650	.....	295	1,336
LA....	874	187	7	.....	.....	.....
ME....	3,464	1,464	1,051	536	1,076	824
MD....	7,468	979	1,333	.....	366	365
MASS..	4,654	1,368	1,506	1,350	1,536	330
MICH..	16,798	4,707	11,075	91	3,458	1,637
MINN..	9,420	848	4,890	264	3,053	1,807
MISS..	785	672	100	.....	11	3
MO....	13,429	22,971	5,631	103	1,672	9,091
MONT..	619	129	361	1	654	350
NEB....	3,425	1,982	1,128	.....	1,669	2,016
NEV....	19	11	33	.....	79	99
N. H....	6,086	2,153	1,450	414	377	348
N. J....	1,594	522	657	238	833	139
N. M....	54	54	50	1	74	125
N. Y....	14,086	4,892	13,187	88	7,528	1,696
N. C....	5,668	2,655	331	5	89	127
N. D....	883	75	923	29	2,378	1,857
OHIO..	8,799	4,207	6,175	25	2,861	2,208
OKLA..	1,182	6,220	387	.....	212	151
ORE....	3,701	1,307	3,294	17	877	1,465
PENN..	13,515	4,892	8,990	55	5,375	1,999
R. I....	545	69	154	127	130	43
S. C....	1,383	675	79	.....	30	5
S. D....	1,836	112	519	7	1,448	1,271
TENN..	6,046	3,884	830	.....	52	141
TEX....	1,423	5,459	224	.....	49	11
UTAH..	1,049	247	1,291	.....	1,043	851
VT....	1,240	423	1,591	29	892	244
VA....	4,651	1,586	1,121	2	305	239
WASH..	4,323	1,818	3,617	4	1,287	1,190
W. VA..	2,408	3,829	3,905	.....	658	781
WIS....	12,084	2,272	6,132	229	3,853	1,841
WYO....	146	6	80	.....	303	234

Mr. Dawson, of Froedgen, is believed to be the first in Scotland to grow turnips for stock to a large extent. His operations were in 1764.

Small Fruits.

The figures below are census figures, showing the total acreage in small fruits in all states, acreage 1899 and 1909, side by side, and production of small fruits in the last census year. No later figures are available:

State.	1899, Acres.	1909, Acres.	Production, 1909, Quarts.
ALABAMA....	761	1,232	1,907,193
ARIZONA....	79	76	112,190
ARKANSAS..	10,819	8,032	8,965,572
CALIFORNIA..	6,281	9,687	26,824,120
COLORADO...	2,347	2,829	4,294,938
CONNECTICUT..	1,987	1,597	3,823,522
DELAWARE...	10,599	8,687	14,425,209
DIST. OF COL..	82	12	24,109
FLORIDA....	1,348	1,356	2,396,573
GEORGIA....	1,634	988	1,262,155
IDAHO....	957	1,673	2,071,141
ILLINOIS....	16,794	11,723	13,602,676
INDIANA....	13,115	5,919	7,424,831
IOWA....	9,635	7,211	10,344,052
KANSAS....	5,824	5,400	5,477,274
KENTUCKY...	6,126	4,387	4,972,702
LOUISIANA...	1,408	3,587	6,420,207
MAINE....	1,585	1,260	2,285,415
MARYLAND...	17,522	16,595	26,277,054
MASSACHUSETTS	8,346	9,552	29,260,143
MICHIGAN...	29,197	21,419	27,214,653
MINNESOTA...	3,092	3,738	4,476,575
MISSISSIPPI..	1,594	836	1,407,001
MISSOURI....	14,860	17,009	23,696,221
MONTANA....	554	562	766,791
NEBRASKA...	1,171	1,411	1,594,421
NEVADA....	53	37	50,287
N. HAMPSHIRE	730	618	998,244
NEW JERSEY..	25,350	24,609	38,822,987
NEW MEXICO..	48	66	76,532
NEW YORK...	25,051	22,496	37,857,829
N. CAROLINA..	6,837	6,701	12,827,427
N. DAKOTA....	67	399	285,696
OHIO....	21,121	11,591	15,721,033
OKLAHOMA....	1,388	2,745	2,310,367
OREGON....	3,470	5,122	9,348,490
PENNSYLV'IA..	12,271	8,678	13,620,047
R. ISLAND...	581	281	457,560
S. CAROLINA..	591	856	1,408,099
S. DAKOTA....	161	419	401,295
TENNESSEE...	12,944	12,539	13,895,493
TEXAS....	3,904	5,053	6,182,742
UTAH....	1,052	1,416	3,118,395
VERMONT....	418	469	826,122
VIRGINIA....	8,796	7,295	11,342,980
WASHINGTON..	2,845	5,508	13,490,930
W. VIRGINIA..	1,994	2,913	2,336,563
WISCONSIN...	12,389	6,305	9,782,779
WYOMING....	37	106	96,893

309,770 272,460 426,565,863

Marketings of Wheat.

One table below explains by quantity when the wheat crop is sold by farmers, and the other table shows the same result by percentage. We have taken some liberties with the government report to make it handier and fit the minds of the inquirers.

	Estimated Amount Sold Monthly by Farmers (Mil- lions of Bushels).				Per Cent. of Year's Sales.			
	1913.	1914.	1915.	1916.	1913.	1914.	1915.	1916.
JAN.	38	44	41	58	5.7	6.7	5.1	6.8
FEB.	31	32	46	58	5.4	4.8	5.7	6.8
MCH.	22	28	26	32	3.7	4.2	3.3	3.8
APR.	22	19	37	33	3.4	2.9	4.6	3.9
MAY.	25	23	22	40	3.8	3.5	2.7	4.7
JUNE.	25	25	17	31	3.3	3.8	2.1	3.6
JULY.	54	108	141	60	8.4	16.3	17.5	7.1
AUG.	88	88	106	94	13.9	13.4	13.2	11.0
SEPT.	104	94	125	122	16.4	14.3	15.5	14.4
OCT.	103	85	100	123	12.9	12.8	12.5	14.5
NOV.	69	64	83	105	8.4	9.7	10.3	12.4
DEC.	55	50	60	94	6.4	7.6	7.5	11.0

Total 635 660 804 850 100.0 100.0 100.0 100.0

Corn on Farms, March 1st, 1918.

In the year 1918, according to the Department of Agriculture, 49.5 per cent. of the corn crop was on farms on March 1st, against 30.5 per cent. a year ago, and a ten-year average of 36.9. In 1917, on March 1st, corn on farms actually amounted to 782,303 bushels, and in 1918 the total is 1,292,905 bushels.

State.	Shipped Out, Bushels.	On Hand, on Farms.	Per Cent. of Crop.
ALA.....	10,036,000	41,688,000	54
ARIZ.....	35,000	173,000	20
ARK.....	7,392,000	28,896,000	43
CALIF.....	498,000	3,724,000	15
COLO.....	1,596,000	1,696,000	35
CONN.....	145,000	3,988,000	51
DEL.....	2,502,000	5,550,000	50
FLA.....	971,000	39,600,000	45
GA.....	5,760,000	41,000	6
IDAHO.....	14,000	192,280,000	46
ILL.....	167,200,000	85,443,000	42
IND.....	44,756,000	151,959,000	37
IOWA.....	102,675,000	35,892,000	28
KAS.....	26,919,000	55,282,000	45
KY.....	13,514,000	16,053,000	38
LA.....	2,112,000	117,000	15
MAINE.....	.....	14,040,000	50
MD.....	9,547,000	1,122,000	40
MASS.....	28,000	6,020,000	26
MICH.....	376,000	19,800,000	16
MINN.....	11,700,000	41,184,000	45
MISS.....	13,448,000	105,840,000	42
MO.....	70,560,000	101,000	10
MONT.....	.....	139,709,000	56
NEB.....	99,792,000	6,000	10
NEV.....	1,000	240,000	22
N. H.....	.....	5,747,000	45
N. J.....	1,533,000	680,000	20
N. M.....	170,000	5,208,000	20
N. Y.....	260,000	30,600,000	51
N. C.....	3,000,000	159,000	3
N. D.....	.....	61,541,000	41
OHIO.....	21,014,000	6,298,000	19
OKLA.....	1,658,000	126,000	37
OREGON.....	38,000	23,018,000	30
PENN.....	7,465,000	224,000	41
R. I.....	66,000	23,731,000	54
S. C.....	1,318,000	31,088,000	32
S. D.....	30,116,000	52,240,000	47
TENN.....	23,342,000	12,452,000	16
TEXAS.....	778,000	70,000	14
UTAH.....	5,000	761,000	30
VT.....	.....	36,138,000	50
VA.....	8,673,000	132,000	12
WASH.....	91,000	7,506,000	30
W. VA.....	1,001,000	4,220,000	10
WIS.....	.....	112,000	17
WYO.....	7,000	.....	.....
U. S.....	692,022,000	1,292,905,000	50

Oats on Farms, March 1st, 1918.

On March 1st, in the United States, 51.2 per cent. of the crop of oats had been shipped out of the county where grown, and 37.5 per cent. remained on the farms. The previous year the percentage on farms was 31.5 and the ten-year average 35.8.

State.	Shipped Out, Bushels.	On Hand, on Farms.	Per Cent. of Crop.
ALA.....	292,000	778,000	8
ARIZ.....	12,000	80,000	20
ARK.....	666,000	2,666,000	28
CALIF.....	1,852,000	686,000	10
COLO.....	1,781,000	3,563,000	32
CONN.....	.....	290,000	44
DEL.....	17,000	32,000	25
FLA.....	15,000	92,000	12
GA.....	312,000	728,000	21
IDAHO.....	4,180,000	2,194,000	27
ILL.....	139,308,000	102,648,000	42
IND.....	32,105,000	26,754,000	35
IOWA.....	113,509,000	106,120,000	43
KAS.....	15,577,000	21,241,000	30
KY.....	403,000	2,337,000	29
LA.....	131,000	169,000	9
MAINE.....	49,000	1,479,000	30
MD.....	204,000	437,000	30
MASS.....	4,000	111,000	25
MICH.....	11,881,000	20,933,000	37
MINN.....	31,265,000	44,492,000	37
MISS.....	228,000	456,000	8
MO.....	18,944,000	23,088,000	39
MONT.....	1,632,000	3,400,000	25
NEB.....	46,178,000	63,494,000	55
NEV.....	28,000	112,000	20
N. H.....	.....	160,000	30
N. J.....	248,000	993,000	40
N. M.....	270,000	297,000	22
N. Y.....	1,339,000	17,850,000	40
N. C.....	58,000	636,000	11
N. D.....	1,931,000	12,746,000	33
OHIO.....	23,437,000	28,897,000	37
OKLA.....	2,645,000	2,961,000	15
OREGON.....	2,555,000	3,281,000	25
PENN.....	3,290,000	17,272,000	25
R. I.....	.....	25,000	40
S. C.....	60,000	360,000	6
S. D.....	22,908,000	26,834,000	41
TENN.....	1,029,000	1,838,000	25
TEXAS.....	5,558,000	3,705,000	10
UTAH.....	616,000	1,452,000	33
VT.....	32,000	1,109,000	35
VA.....	276,000	1,378,000	25
WASH.....	4,047,000	2,810,000	25
W. VA.....	39,000	1,004,000	26
WIS.....	15,840,000	37,620,000	38
WYO.....	1,610,000	3,598,000	38
U. S.....	508,350,000	595,195,000	37

WEIGHTS OF HORSES, ETC.—Continued.

MISSOURI.....	1,130	1,015
NORTH DAKOTA.....	1,290	1,040
SOUTH DAKOTA.....	1,245	1,010
NEBRASKA.....	1,255	1,040
KANSAS.....	1,220	1,040
KENTUCKY.....	1,010	950
TENNESSEE.....	990	890
ALABAMA.....	895	895
MISSISSIPPI.....	870	865
LOUISIANA.....	900	940
TEXAS.....	1,000	950
OKLAHOMA.....	1,080	960
ARKANSAS.....	1,260	890
MONTANA.....	1,290	1,010
WYOMING.....	1,290	1,030
COLORADO.....	1,230	1,050
NEW MEXICO.....	1,030	920
ARIZONA.....	1,150	970
UTAH.....	1,270	1,020
NEVADA.....	1,200	980
IDAHO.....	1,270	1,050
WASHINGTON.....	1,350	1,110
OREGON.....	1,310	1,100
CALIFORNIA.....	1,285	1,065
UNITED STATES.....	1,203	956

WEIGHTS OF HORSES AND MULES.

The following statement issued by the United States Department of Agriculture gives average weight of matured horses and mules in different states:

States.	Horses, Pounds.	Mules, Pounds.
MAINE.....	1,325	1,050
NEW HAMPSHIRE.....	1,270	1,050
VERMONT.....	1,200	1,000
MASSACHUSETTS.....	1,355	1,040
RHODE ISLAND.....	1,290	1,020
CONNECTICUT.....	1,220	1,040
NEW YORK.....	1,180	995
NEW JERSEY.....	1,220	1,010
PENNSYLVANIA.....	1,210	1,000
DELAWARE.....	1,080	920
MARYLAND.....	1,150	995
VIRGINIA.....	1,100	950
WEST VIRGINIA.....	1,165	950
NORTH CAROLINA.....	980	880
SOUTH CAROLINA.....	950	925
GEORGIA.....	940	970
FLORIDA.....	850	970
OHIO.....	1,310	1,040
ILLINOIS.....	1,270	1,050
INDIANA.....	1,255	1,040
MICHIGAN.....	1,295	1,040
WISCONSIN.....	1,300	1,025
MINNESOTA.....	1,305	1,035
IOWA.....	1,320	1,050

A berry having a pleasant pineapple-like aroma arrived in England in the year 1750 from Chili, South America, under the name of Pine strawberry. Credited with being improver of wild berries.

Pecan Trees and Production.

In the year 1899 the pecan production of the United States was 3,206,850 pounds, and in the year 1909 the output increased to 9,890,769 pounds. In the year 1910 we had a total of 1,619,521 trees of bearing age and 1,685,066 trees not of bearing age. Farms reporting bearing trees were 37,549, and 43,944 had trees not of bearing age. In pecan production Texas is away in the lead, but there are other states increasing the number of trees.

State.	1910.		Value.
	Trees of Bearing Age.	Trees Not of Bearing Age.	
		Pro- duc- tion, Pounds.	Dollars.
ALA.....	44,683	125,734	228,341 30,540
ARIZ.....	64	212	1,075 131
ARK.....	13,958	13,811	249,955 17,603
CALIF.....	4,226	2,793	44,955 4,632
COLO.....		50	.....
CONN.....	5	1,601	150 7
DEL.....	136	48	85 13
FLA.....	42,512	176,207	307,632 43,962
GA.....	75,519	325,779	354,046 47,845
IDAHO.....	20	27	.....
ILL.....	28,330	8,223	107,069 10,301
IND.....	4,883	946	19,287 1,940
IA.....	247	148	1,890 59
KAS.....	27,716	2,797	20,583 1,462
KY.....	2,399	2,301	28,577 2,887
LA.....	36,527	119,547	723,578 70,635
ME.....	3		100 20
MD.....	172	460	1,717 85
MASS.....		1	.....
MICH.....	39	4	1,600 75
MINN.....	6	35	25 5
MISS.....	60,524	148,030	637,293 79,936
MO.....	48,822	7,214	147,420 10,467
NEB.....	181	191	695 31
NEV.....	16	13	.....
N. J.....	22	52	120 76
N. M.....	31	1,468	53 5
N. Y.....	5	26	.....
N. C.....	6,876	20,781	74,861 8,194
N. D.....		3	.....
OHIO.....	81	308	1,010 70
OKLA.....	96,766	53,796	894,172 59,481
ORE.....	62	965	1,010 78
PENN.....	554	463	14,885 532
R. I.....	6	1	.....
S. C.....	33,366	4 3,639	159,823 20,442
S. D.....	43	34	6 1
TENN.....	2,037	3,309	25,581 2,566
TEX.....	1,087,619	621,550	5,332,367 556,203
UTAH.....	35	12	.....
VT.....	1	4	.....
VA.....	868	2,337	10,568 1,356
WASH.....	34	140	.....
W. VA.....	126	6	240 16
Total.....	1,619,521	1,685,066	9,890,769 971,596

SCOTTISH AGRICULTURE.

The Board of Scottish Agriculture has issued a preliminary statement showing the estimated yield of wheat, barley, oats and hay in Scotland in the year 1917, with comparative figures for 1916:

Area.		Total Produce.	
1916.	1917.	1916.	1917.
Acres.	Acres.	Bushels.	Bushels.
WHEAT.			
63,083	60,932	2,264,000	2,432,000
BARLEY.			
169,735	159,134	5,176,000	5,640,000
OATS.			
990,589	1,041,343	36,224,000	43,576,000
ROTATION GRASS.			
Acres.	Acres.	Long Tons.	Long Tons.
420,099	421,502	760,000	657,000
PERMANENT GRASS.			
114,787	112,758	178,000	141,000
TIMOTHY.			
44,436	47,594	97,000	103,000

Production of Peanuts.

If all farm crops made as good showing as peanuts there would be plenty to eat in the country. The increase in acreage is from 516,654 in 1899 to 869,887 in the year 1906. The increase in production is from 11,964,109 bushels in 1889 to 19,415,816 bushels in 1909. In the year 1889 only 133,909 farms reported raising peanuts, but in 1909 there were 218,998 farms on which peanuts were produced. The table presented herewith shows acreage and production for two census years.

State.	1899.		1909.	
	Acreage.	Bushels.	Acreage.	Bushels.
ARIZ.....	4	234	9	345
ARK.....	5,223	78,237	10,192	168,608
CALIF.....	433	15,461	99	2,991
COLO.....	5	138	2	7
DEL.....	2	23	25	202
FLA.....	64,452	967,927	126,150	2,315,089
GA.....	100,539	1,435,775	160,317	2,569,787
IDAHO.....			1	20
ILL.....	49	879	109	1,792
IND.....	11	199	18	624
IA.....	7	127	13	359
KAS.....	225	4,516	48	2,047
KY.....	92	1,405	79	1,735
LA.....	3,107	45,713	25,020	412,037
ME.....	1	22	.....	5
MD.....	7	143	1	30
MASS.....		3	.....	12
MICH.....			64	1,111
MINN.....			1	15
MISS.....	5,853	95,738	13,977	284,791
MO.....	271	6,679	130	3,220
NEB.....	11	221	1	93
NEV.....		151	.....	.....
N. H.....		2	1	16
N. J.....				
N. M.....	1	10	126	1,375
N. Y.....			6	132
N. C.....	95,850	3,460,439	195,134	5,980,919
N. D.....			10	101
OHIO.....	1	20	.....	31
OKLA.....	2,205	50,428	1,564	31,880
ORE.....	1	25	3	206
PENN.....	2	77	.....	4
R. I.....				4
S. C.....	7,162	131,710	7,596	154,822
S. D.....				10
TENN.....	19,534	747,668	18,952	547,240
TEX.....	10,734	184,860	64,327	1,074,998
UTAH.....	2	.....	.....	10
VA.....	116,914	3,713,347	145,213	4,284,340
WASH.....		15	.....	.....
W. V.....	11	199	.....	64
WIS.....			70	945
WYO.....	1	3	.....	.....
Total.....	516,654	11,964,109	869,887	19,415,816

The Peanut Crop—1917.

The importance of the peanut crop is shown, also the great difference one year with another. Alabama and Texas together produce more than half the crop. Thirteen states out of forty-eight raise peanuts in merchantable quantities.

State.	1916.		1917.	
	Planted, Acres.	Planted, Acres.	Produc- tion, Bushels.	Produc- tion, Bushels.
VA.....	150,000	165,000	5,400,000	5,775,000
N. C.....	205,000	202,000	6,970,000	7,676,000
S. C.....	10,000	10,000	450,000	450,000
GA.....	40,000	255,000	1,240,000	9,435,000
FLA.....	10,000	40,000	300,000	1,400,000
MO.....	350	400	10,500	18,000
TENN.....	16,000	15,000	608,000	450,000
ALA.....	300,000	711,000	9,000,000	16,013,000
MISS.....	3,000	4,000	75,000	136,000
LA.....	33,000	35,000	891,000	1,015,000
TEX.....	275,000	600,000	9,075,000	16,200,000
OKLA.....	11,000	17,000	385,000	544,000
ARK.....	23,000	30,000	920,000	1,110,000
Total.....	1,076,350	2,084,400	35,324,500	60,222,000
Latest.....	1,842,000			52,505,000

Production of Grapes.

The production of grapes increased from 1,300,984,097 pounds in the year 1899 to 2,571,065,205 pounds in 1909. In the year 1910, when the census was taken, there were 223,701,522 vines of bearing age and 59,928,644 vines not of bearing age. The tabulated statement herewith shows the vines and production in all the states.

State.	1910.		Production, Pounds.
	Vines of Bearing Age.	Vines Not of Bearing Age.	
ALA....	287,431	77,105	1,723,490
ARIZ....	131,579	84,510	837,842
ARK....	805,921	177,624	2,593,727
CALIF. 144,097,670	39,526,319	1,979,686,525	
COLO....	254,292	101,332	1,037,614
CONN....	107,054	61,670	1,317,682
DEL....	260,963	98,950	1,938,267
D. C....	5,196	200	28,530
FLA....	20,962	8,830	1,086,344
GA....	277,658	38,233	2,767,366
IDAHO	68,269	124,806	604,227
ILL....	2,170,340	287,734	16,582,785
IND....	1,049,232	149,441	12,817,353
IOWA....	1,983,465	446,126	11,708,336
KAS....	2,889,845	313,092	6,317,684
KY....	605,002	77,692	3,680,182
LA....	31,041	20,936	106,595
ME....	9,731	1,944	231,529
MD....	138,801	44,690	2,152,382
MASS....	58,277	14,261	1,132,338
MICH....	11,013,576	1,869,648	120,695,997
MINN....	61,916	35,950	293,805
MISS....	77,012	34,870	760,563
MO....	3,026,526	486,044	17,871,816
MONT....	986	1,121	370
NEB....	1,221,736	380,788	4,752,217
NEV....	26,607	7,941	376,205
N. H....	15,802	3,016	375,161
N. J....	1,603,280	558,945	6,501,221
N. M....	250,076	122,367	425,415
N. Y....	31,802,097	3,801,800	253,006,361
N. C....	411,278	120,208	15,116,920
N. D....	379	1,464	360
OHIO....	8,336,800	455,750	43,933,207
OKLA....	2,388,213	447,489	3,762,727
ORE....	381,392	468,598	3,205,874
PENN....	5,271,264	8,252,811	34,020,198
R. I....	7,662	9,634	125,937
S. C....	79,708	19,704	2,016,506
S. D....	38,647	46,891	144,634
TENN....	338,758	76,040	1,979,480
TEX....	712,201	297,869	1,802,618
UTAH....	204,445	94,043	1,576,363
VT....	9,318	1,845	203,011
VA....	424,701	136,026	4,108,694
WASH....	322,007	371,733	1,704,005
W. VA....	284,074	76,465	3,224,751
WIS....	148,348	63,098	701,329
WYO....	74	1,147	159
Total.	223,701,522	59,928,644	2,571,065,205

Potatoes and Sugar Beets.

Year.	Sweet		Sugar Beets, Acres.
	Potatoes, Acres.	Potatoes, Acres.	
1909.....	3,699,000	641,000	364,000
1910.....	3,720,000	641,000	398,000
1911.....	3,619,000	605,000	474,000
1912.....	3,711,000	583,000	555,000
3 Years.....	11,050,000	1,829,000	1,427,000
1913.....	2,668,000	625,000	530,000
1914.....	3,711,000	603,000	483,000
1915.....	3,734,000	731,000	611,000
3 Years.....	11,113,000	1,959,000	1,674,000
3 Years.....	3,565,000	774,000	665,000
1917.....	4,390,000	953,000	665,000
1918.....	4,113,000	959,000	690,000
3 Years.....	12,068,000	2,686,000	2,020,000

The year 1753 usually taken as the beginning of botany. Linnaeus grouped all the tulips, which he named under the classification of *Tulipa Gesneriana*.

The Production of Strawberries.

The tabulation herewith is what we call foundation information, being a statement of the production of strawberries ten years apart. The census of 1900 showed that in the year 1899 151,363 acres were devoted to raising strawberries and the production was 257,427,103 quarts. Ten years later, in 1909, the area devoted to producing strawberries was reduced to 143,045 and the production was 255,702,035 quarts. Since the census year, all we have on strawberries are the estimates of the Agricultural Department in important strawberry-growing states.

State.	1899.		1909.	
	Acres.	Quarts.	Acres.	Quarts.
ALA....	607	804,480	1,167	1,848,337
ARIZ....	60	109,550	58	95,247
ARK....	9,611	12,667,740	7,361	8,259,240
CAL....	2,418	7,690,830	4,585	15,694,326
COLO....	1,067	2,224,240	1,326	1,674,923
CONN....	971	2,569,120	993	3,016,295
DEL....	6,344	10,498,640	7,194	12,730,265
D. C....	50	84,480	11	18,709
FLA....	1,315	1,731,730	1,343	2,383,397
GA....	1,423	1,385,728	890	1,157,472
IDA....	239	379,630	698	953,723
ILL....	7,113	13,151,330	5,410	8,031,824
IND....	4,714	9,669,710	2,574	3,759,132
IA....	2,335	3,164,320	2,917	5,330,105
KAS....	2,304	3,321,650	1,719	2,119,048
KY....	4,128	6,767,300	1,553	2,114,929
LA....	1,395	1,841,800	3,570	6,405,236
ME....	512	1,066,860	698	1,626,250
MD....	13,980	24,035,640	14,292	23,611,025
MASS....	2,027	4,997,240	2,015	5,518,867
MICH....	10,837	18,384,340	8,051	14,218,768
MINN....	1,302	2,506,020	1,873	2,730,090
MISS....	1,383	1,546,570	772	1,845,013
MO....	7,498	13,018,460	9,048	15,171,034
MONT....	281	532,260	265	406,038
NEB....	369	408,350	562	654,061
NEV....	14	16,440	5	11,189
N. H....	307	568,640	310	638,057
N. J....	8,746	13,274,120	8,684	18,767,473
N. M....	9	15,400	20	35,634
N. Y....	7,311	13,849,860	6,382	15,945,863
N. C....	5,616	10,674,610	5,420	10,313,361
N. D....	3	4,040	88	66,028
OHIO....	9,373	17,916,080	4,706	8,501,065
OKLA....	626	970,540	825	830,040
ORE....	1,792	3,837,820	2,941	5,322,040
PENN....	5,667	10,179,430	4,136	9,033,904
R. I....	154	381,870	140	326,540
S. C....	499	845,695	815	1,337,208
S. D....	62	65,430	226	238,164
TENN....	11,548	13,683,840	10,761	12,339,534
TEX....	1,361	2,844,220	2,161	4,207,056
UTAH....	345	563,190	719	1,832,796
VT....	232	598,020	276	615,820
VA....	7,821	12,270,300	6,606	10,761,381
WASH....	1,268	2,577,580	3,283	7,683,774
W. VA....	799	1,068,300	709	812,049
WIS....	3,508	7,343,740	2,863	5,188,117
WYO....	19	19,920	24	20,893
Total	151,363	257,427,103	143,045	255,702,035

MARKETINGS BY PERCENTAGE.

Month.	Per Cent. of Year's Sales.				
	1917-	1916-	1915-	1914-	1913-
July.....	18.	17.	16.	15.	14.
August.....	5.3	6.2	5.6	8.9	5.8
September....	4.0	7.1	5.9	7.1	8.5
October.....	3.4	5.9	6.4	4.7	4.5
November....	3.8	5.8	6.0	4.7	7.9
December....	8.8	14.0	10.4	14.7	17.8
January.....	12.2	12.5	15.9	16.8	21.4
February....	14.2	15.1	11.7	19.8	10.7
March.....	16.1	9.0	12.4	7.8	7.1
April.....	13.7	7.0	7.1	4.6	6.3
May.....	7.1	5.4	6.4	5.6	4.4
June.....	5.6	6.5	6.3	4.4	6.2
Season.....	5.8	6.0	5.9	5.9	4.6
Season.....	100.0	100.0	100.0	100.0	100.0

About the year 1752 lightning conductors were first used for protection of buildings.

Blackberries and Dewberries.

Herewith we present the United States census figures ten years apart, showing the production of blackberries and dewberries. There is the enumeration for the year 1899, when on 50,211 acres the production was 62,189,855 quarts, and in the year 1909, when on 49,004 acres the production was 55,343,570 quarts. Missouri, New Jersey and California are the largest producers of this class.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA....	104	98,500	58	44,954
ARIZ....	9	8,690	16	13,808
ARK....	769	969,290	525	587,977
CALIF..	1,960	4,159,131	2,576	4,898,524
COLO....	195	216,020	228	227,598
CONN....	177	275,310	128	192,752
DEL....	2,935	1,976,810	1,256	1,403,977
D. OF C.	10	12,720	.....	1,700
FLA....	13	13,210	13	12,817
GA....	143	144,060	67	67,285
IDAHO..	87	117,140	170	249,984
ILL....	5,032	7,294,990	3,503	291,473
IND....	3,192	5,255,840	1,347	1,482,909
IA....	1,719	1,966,070	2,279	2,733,728
KAS....	2,044	1,857,514	2,682	2,535,918
KY....	1,024	1,068,340	2,141	2,165,547
LA....	9	10,170	16	14,332
ME....	123	164,300	145	153,816
MD....	1,501	1,713,680	1,180	1,372,164
MASS....	365	522,860	287	307,987
MICH....	4,385	5,324,110	2,973	3,075,954
MINN....	162	192,010	145	139,741
MISS....	84	97,030	58	53,735
MO....	4,441	5,121,860	5,975	6,391,209
MONT....	18	17,970	34	36,321
NEB....	152	157,880	428	501,872
NEV....	4	5,410	1	1,078
N. H....	65	105,290	7	75,913
N. J....	5,254	3,918,320	4,332	5,456,789
N. M....	3	2,940	10	10,089
N. Y....	2,060	3,167,090	1,951	2,509,851
N. C....	1,073	1,089,290	1,233	2,464,065
N. D....	1	860	2	3,404
OHIO....	3,397	4,905,430	2,425	2,465,407
OKLA....	683	714,880	1,792	1,366,497
ORE....	717	1,310,920	431	915,744
PENN....	1,382	1,995,070	1,235	1,063,257
R. I....	17	23,600	16	17,875
S. C....	29	50,960	38	64,754
S. D....	5	4,880	5	6,033
TENN....	733	839,210	1,514	1,316,100
TEX....	2,394	2,701,750	2,773	1,868,119
UTAH....	72	80,110	95	184,140
VT....	48	84,990	47	56,252
VA....	444	582,830	344	273,551
WASH....	388	803,340	769	2,340,779
W. VA....	367	396,850	1,292	803,498
WIS....	411	644,880	407	498,119
WYO....	.....	480	.....	149

Total 50,211 62,189,885 49,004 55,343,570

MONTHLY MARKETINGS OF OATS BY FARMERS.

Month.	Estimated Amount Sold Monthly by Farmers of the United States (Millions of Bushels).				
	1917-	1916-	1915-	1914-	1913-
July.....	24	31	23	35	29
August.....	82	87	53	64	57
September....	67	51	59	55	44
October.....	56	40	57	40	33
November....	38	30	48	27	22
December....	39	21	47	23	24
January.....	42	28	33	26	18
February....	40	20	36	19	21
March.....	35	20	23	15	19
April.....	33	14	21	13	10
May.....	20	17	28	10	18
June.....	24	16	22	13	20
Season.....	500	375	450	340	315

About the year 1750 the Early of Durham purchased from the Bishop of Durham and carried to his estates in Berwickshire, Scotland, several brown cows spotted with white. These were the foundation cows of the Ayrshire breed of cattle.

Raspberries and Loganberries.

This basic tabulation is historical and gives in detail by states the acreage devoted to the production of raspberries and Loganberries ten years apart. It is the only positive information of any value that is available. In the year 1899 the area was 60,916 acres, producing 76,628,107 quarts; ten years later the area was reduced to 48,668 and the crop was 60,918,196 quarts. In 1919 another count will be made by the census enumerators. The value of the crop in 1909 was estimated at \$5,132,277.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA....	13	14,390	11	10,546
ARIZ....	2	1,480	1	1,550
ARK....	345	348,450	123	96,414
CALIF..	987	1,446,190	1,992	5,222,117
COLO....	689	817,450	801	1,650,785
CONN....	366	503,210	289	384,256
DEL....	1,280	1,147,120	223	275,871
D. C....	12	15,582	.....	700
FLA....	5	5,670	.....	213
GA....	43	41,750	29	33,928
IDAHO..	230	257,960	496	575,209
ILL....	2,900	3,458,000	1,945	1,834,327
IND....	3,277	4,210,900	1,412	1,595,921
IA....	3,394	3,604,210	1,573	1,728,547
KAS....	957	820,330	713	616,035
KY....	753	787,820	564	558,529
LA....	.....	110	1	639
ME....	131	214,700	127	154,121
MD....	1,385	1,450,250	846	959,369
MASS....	413	558,010	388	376,136
MICH....	10,193	12,119,400	8,786	8,381,943
MINN....	1,115	1,252,930	1,388	1,340,469
MISS....	49	56,020	5	7,806
MO....	1,660	1,940,850	1,331	1,563,527
MONT....	80	110,795	113	165,473
NEB....	229	232,580	247	265,183
NEV....	7	11,220	9	17,841
N. H....	80	124,760	85	86,558
N. J....	2,240	2,506,750	1,744	2,145,877
N. M....	9	8,930	12	10,322
N. Y....	12,376	17,575,530	11,057	14,751,940
N. C....	69	73,050	40	37,764
N. D....	12	13,700	85	60,742
OHIO....	6,795	8,745,950	3,869	4,029,480
OKLA....	43	55,180	85	74,104
ORE....	479	783,060	1,460	2,644,948
PENN....	3,938	5,360,530	2,594	2,906,302
R. I....	57	83,300	34	32,871
S. C....	4	4,150	2	4,255
S. D....	21	19,030	66	60,985
TENN....	471	448,170	253	222,331
TEX....	103	123,640	104	97,652
UTAH....	284	426,000	374	758,317
VT....	92	176,440	80	85,065
VA....	365	424,110	276	257,322
WASH....	625	1,134,970	1,210	3,118,720
W. VA....	704	788,360	847	648,174
WIS....	6	2,314,920	964	1,053,589
WYO....	1,616	5,220	14	15,213

Total 60,916 76,628,107 48,668 60,918,196

MARKETINGS BY PERCENTAGE.

OATS.	Per Cent. of Year's Sales.				
	1917-	1916-	1915-	1914-	1913-
Month.	18.	17.	16.	15.	14.
July.....	4.7	8.3	5.1	10.4	9.3
August.....	16.4	23.3	11.8	18.7	18.2
September....	13.5	13.5	13.0	16.3	13.9
October.....	11.1	10.7	12.7	11.7	10.5
November....	7.7	8.0	10.6	7.9	6.8
December....	7.8	5.7	10.5	6.9	7.6
January.....	8.3	7.5	7.4	7.6	5.6
February....	8.0	5.3	8.0	5.6	6.7
March.....	7.1	5.2	5.0	4.4	5.9
April.....	6.5	3.8	4.6	3.7	3.3
May.....	4.0	4.4	6.3	3.1	3.8
June.....	4.9	4.3	5.0	3.7	6.4
Season.....	100.0	100.0	100.0	100.0	100.0

First known commercial nursery in this country was established in the year 1760 by William Prince, of Flushing, Long Island. Pioneer of the industry, and published a catalogue of fruits.

Production of Gooseberries.

Gooseberries are grown generally without any one state being far ahead of others, but the production had decreased when the last census was taken. In 1899 there were 6,752 acres, producing 9,320,530 quarts; but in 1903, when another count was taken, the area was reduced to 4,765 acres, producing 5,282,843 quarts. In 1899, Indiana and Iowa were the greatest producers, whereas in the later year Illinois and Missouri lead with considerable less production.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA.....	2	1,890	1	2,452
ARIZ.....	2	1,220	.....	575
ARK.....	29	43,970	19	18,168
CALIF.....	133	195,670	74	145,119
COLO.....	122	133,750	192	247,956
CONN.....	7	8,010	9	9,023
DEL.....	24	31,750	11	12,123
DELT.OF C.	1	1,090	.....	1,000
FLA.....	.....	70	.....	1,102
GA.....	2	1,900	17	13,927
IDAHO.....	150	197,540	142	150,987
ILL.....	491	779,730	603	541,498
IND.....	617	1,077,840	274	320,963
IA.....	777	975,890	189	233,541
KAS.....	212	269,860	188	138,772
KY.....	99	114,590	115	118,338
LA.....	.....	50	.....	285
ME.....	30	41,230	59	65,867
MD.....	234	322,140	241	300,321
MASS.....	30	46,390	42	57,827
MICH.....	559	673,360	297	403,680
MINN.....	112	128,250	71	60,661
MISS.....	1	590	1	285
MO.....	731	865,870	555	470,029
MONT.....	51	115,390	35	35,896
NEB.....	192	189,680	88	82,086
NEV.....	8	13,690	11	11,355
N. H.....	4	3,540	5	5,841
N. J.....	102	124,160	155	221,337
N. M.....	12	11,680	17	14,800
N. Y.....	190	304,750	259	331,135
N. D.....	25	30,340	5	5,831
N. C.....	10	11,690	86	56,804
OHIO.....	539	767,760	226	255,840
OKLA.....	10	9,250	7	8,270
ORE.....	203	326,780	186	307,395
PENN.....	267	366,930	139	109,104
R. I.....	5	5,820	8	8,251
S. C.....	.....	420	.....	183
S. D.....	25	29,270	55	43,408
TENN.....	114	150,620	9	13,740
TEX.....	1	760	9	5,042
UTAH.....	110	173,460	100	147,241
VT.....	3	4,500	6	7,424
VA.....	66	75,140	22	23,447
WASH.....	211	356,570	114	143,264
W. VA.....	59	66,400	30	35,632
WIS.....	177	255,590	82	107,708
WYO.....	3	3,680	27	21,513
Total....	6,752	9,320,530	4,765	5,282,843

Corn, Oats and Barley.

The following table shows acreage planted since the year 1909:

Year.	Corn. Acres.	Oats. Acres.	Barley. Acres.
1909.....	98,383,000	35,159,000	7,699,000
1910.....	104,035,000	37,548,000	7,743,000
1911.....	105,825,000	37,763,000	7,627,000
1912.....	107,083,000	37,917,000	7,530,000
3 Years...	316,943,000	113,228,000	22,900,000
1913.....	105,820,000	38,399,000	7,499,000
1914.....	103,435,000	38,442,000	7,565,000
1915.....	106,197,000	40,996,000	7,148,000
3 Years...	315,452,000	117,837,000	22,212,000
1916.....	105,296,000	41,527,000	7,757,000
1917.....	119,755,000	43,572,000	8,835,000
1918.....	113,835,000	44,475,000	9,108,000
3 Years...	338,886,000	129,574,000	25,700,000

Currant-Growing Industry.

Nearly every state in the Union grows a few currants, but only one state in the last census year produced over a million quarts, whereas ten years previous eight states did so. In the year 1899 12,865 acres were devoted to growing currants, and the production was 18,592,695 quarts. Ten years later, in the year 1909, the area devoted to currants was reduced to 7,862 acres and the total production was reduced to 10,448,532 quarts.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA.....	2	2,060	.....	548
ARIZ.....	2	3,280	1	1,010
ARK.....	5	6,990	4	3,201
CALIF.....	724	1,031,100	407	852,378
COLO.....	226	202,480	282	493,726
CONN.....	175	245,990	54	74,488
DEL.....	12	12,600	3	2,973
D.OF C.	6	5,040	1	2,000
FLA.....	.....	.....	.....	146
GA.....	5	6,740	1	2,320
IDAHO.....	181	218,580	167	161,230
ILL.....	640	842,000	252	265,858
IND.....	577	1,044,025	165	208,049
IA.....	1,017	1,226,560	253	317,637
KAS.....	134	130,210	98	67,005
KY.....	15	19,370	14	15,159
LA.....	.....	50	.....	.....
ME.....	31	37,080	80	76,031
MD.....	65	63,460	36	34,009
MASS.....	190	255,580	243	213,810
MICH.....	2,286	2,721,070	609	768,259
MINN.....	259	311,950	200	182,825
MISS.....	3	2,830	.....	562
MO.....	194	223,730	92	91,207
MONT.....	120	252,860	115	123,031
NEB.....	161	162,880	86	90,779
NEV.....	16	25,670	11	8,824
N. H.....	24	34,060	42	43,319
N. J.....	158	264,740	124	161,223
N. M.....	10	14,340	7	5,523
N. Y.....	2,594	4,584,080	2,557	3,982,389
N. C.....	28	32,360	3	5,382
N. D.....	36	35,440	138	97,598
OHIO.....	765	1,153,920	359	460,575
OKLA.....	11	10,140	36	31,024
ORE.....	169	238,420	89	117,354
PENN.....	716	1,031,870	558	493,871
R. I.....	26	54,020	12	17,110
S. C.....	2	2,290	1	999
S. D.....	38	37,140	67	52,951
TENN.....	12	13,190	2	3,726
TEX.....	4	5,370	6	4,873
UTAH.....	194	304,860	128	195,901
VT.....	39	55,490	58	58,538
VA.....	39	42,060	5	8,127
WASH.....	238	416,170	127	194,363
W. VA.....	50	51,340	30	34,009
WIS.....	667	1,153,190	298	383,982
WYO.....	8	7,030	41	38,833
Total.	12,865	18,592,695	7,862	10,448,532

ORANGES, LEMONS AND (POMELOES) GRAPE FRUIT.

(Last Census Report.)

State.	ORANGES. Farms.	Boxes.	LEMONS. Farms.	Boxes.	GRAPE FRUIT. Farms.	Boxes.
ALA.	560	1201	132	65	153	290
ARIZ.	336	32247	99	1010	64	820
ARK.	40	1	56	3	.....	.....
CAL.	19074	14436180	8449	2756221	1876	122515
FLA.	16769	4852967	498	12367	7662	1061537
GA.	215	210	42	2	243	361
IA.	3231	149979	261	303	87	1781
MISS.	550	3779	141	31	182	1368
N. M.	3	12	.....	.....	.....	.....
N. C.	51	21	55	7	.....	.....
S. C.	80	177	51	66	21	88
TENN.	43	1	55	6	.....	.....
TEX.	3054	10694	666	224	403	488
VA.	16	12	52	8	9	1
Total.	44022	.....	10557	6172	.....	.....
Total.	19487481	.....	2770313	11189250	.....	.....

Apples, Peaches, Pears—1917.

In the December United States Agricultural Report the 1917 crops of apples, peaches and pears are estimated. The largest production of apples is in the state of Washington, with New York, Missouri and Pennsylvania following in the order named. In peaches the state of California leads far beyond other states. California leads in pears, followed by New York and Michigan.

State.	Apples, 1917. Bushels.	Peaches, 1917. Bushels.	Pears, 1917. Bushels.
ALA.....	1,453,000	1,830,000	80,000
ARIZ.....	135,000	60,000	21,000
ARK.....	2,683,000	840,000	102,000
CALIF.....	5,592,000	14,151,000	3,523,000
COLO.....	2,640,000	1,200,000	320,000
CONN.....	1,316,000	268,000	29,000
DEL.....	450,000	647,000	294,000
FLA.....	450,000	122,000	46,000
GA.....	1,754,000	4,716,000	140,000
IDA.....	1,995,000	165,000	70,000
ILL.....	7,500,000	364,000	456,000
IND.....	5,915,000	592,000	410,000
IOWA.....	5,775,000	30,000	82,000
KAS.....	3,375,000	121,000	140,000
KY.....	9,125,000	1,034,000	204,000
LA.....	000	478,000	52,000
ME.....	4,617,000	000	24,000
MD.....	2,525,000	975,000	525,000
MASS.....	2,186,000	145,000	71,000
MICH.....	5,160,000	744,000	1,080,000
MINN.....	1,445,000	000	000
MISS.....	335,000	375,000	30,000
MO.....	12,375,000	890,000	265,000
MONT.....	911,000	000	11,000
NEB.....	2,400,000	000	14,000
NEV.....	192,000	6,000	6,000
N. H.....	1,035,000	47,000	19,000
N. J.....	2,041,000	871,000	590,000
N. M.....	657,000	60,000	46,000
N. Y.....	14,059,000	2,244,000	1,708,000
N. C.....	6,156,000	1,541,000	150,000
N. D.....	000	000	000
OHIO.....	6,336,000	496,000	334,000
OKLA.....	1,300,000	1,150,000	45,000
ORE.....	3,500,000	250,000	600,000
PENN.....	12,150,000	1,440,000	448,000
R. I.....	198,000	20,000	7,000
S. C.....	818,000	1,130,000	100,000
S. D.....	349,000	000	000
TENN.....	5,000,000	900,000	75,000
TEXAS.....	345,000	2,352,000	280,000
UTAH.....	650,000	900,000	48,000
VT.....	1,286,000	000	14,000
VA.....	9,974,000	800,000	194,000
WASH.....	17,897,000	504,000	595,000
W. VA.....	5,994,000	608,000	33,000
WIS.....	3,029,000	000	000
WYO.....	000	000	000
U. S.....	174,608,000	45,066,000	13,281,000
Latest....	163,117,000	45,066,000	13,281,000

WHEN WATERMELONS ARE HARVESTED.

Returns from truck crop reporters show the per cent. of the watermelon crop in the following states usually harvested in each month from April to October to be as follows:

State.	Apr.	May	June	July	Aug.	Sept.	Oct.
Florida.....	Pct. 2.8	Pct. 23.8	Pct. 56.5	Pct. 13.9	Pct. 1.1	Pct. . .	Pct. 1.9
Texas.....	2.5	12.0	34.4	41.5	9.0	0.6	. . .
Alabama.....	. . .	2.0	18.5	54.5	18.5	6.5	. . .
N. Carolina.....	. . .	4.2	55.8	33.3	5.0	1.7	. . .
S. Carolina.....	. . .	1.2	94.4	4.4	. . .	. . .	. . .
Georgia.....	. . .	14.3	57.0	27.3	1.4	. . .	. . .
California.....	. . .	4.0	23.5	34.5	29.5	6.0	. . .
Oklahoma.....	. . .	. . .	27.5	41.2	31.3	. . .	. . .
Virginia.....	. . .	. . .	15.6	74.4	10.0	. . .	. . .

The statement accounts for nearly all the watermelons, there being few marketed before April and none after October.

About the year 1750 James, the VIth, Duke of Hamilton, introduced a Flemish stallion for use of his tenantry in Clyde Valley, Scotland. This is said to be the origin of Clydesdale horses, but is disputed.

APPLES, PEACHES, PEARS, 1918.

The fruit crop of the United States very largely centers on these three items, in which the production in bushels is shown by states.

State.	Apples, Bushels.	Peaches, Bushels.	Pears, Bushels.
ALA.....	1,553,000	3,142,000	142,000
ARIZ.....	184,000	58,000	20,000
ARK.....	1,812,000	260,000	60,000
CALIF.....	5,237,000	12,786,000	1,890,000
COLO.....	2,046,000	754,000	206,000
CONN.....	1,347,000	15,000	38,000
DEL.....	492,000	284,000	236,000
FLA.....	450,000	264,000	132,000
GA.....	1,889,000	6,746,000	180,000
IDAHO.....	1,665,000	80,000	63,000
ILL.....	3,822,000	78,000	281,000
IND.....	3,136,000	92,000	246,000
IOWA.....	2,881,000	.....	42,000
KAS.....	3,105,000	.....	38,000
KY.....	4,830,000	110,000	171,000
LA.....	.....	615,000	49,000
MAINE.....	3,010,000	.....	14,000
MD.....	2,365,000	600,000	462,000
MASS.....	2,861,000	9,000	72,000
MICH.....	13,564,000	248,000	650,000
MINN.....	1,221,000	.....	.....
MISS.....	518,000	1,886,000	131,000
MO.....	8,036,000	.....	131,000
MONT.....	790,000	.....	5,000
NEB.....	758,000	.....	6,000
NEV.....	141,000	15,000	16,000
N. H.....	1,144,000	.....	14,000
N. J.....	2,460,000	792,000	649,000
N. M.....	1,000,000	85,000	57,000
N. Y.....	42,160,000	1,167,000	1,269,000
N. C.....	5,460,000	1,035,000	115,000
N. D.....	.....	.....	.....
OHIO.....	7,983,000	348,000	307,000
OKLA.....	693,000	303,000	32,000
OREGON.....	3,684,000	118,000	662,000
PENN.....	17,188,000	1,210,000	481,000
R. I.....	208,000	2,000	9,000
S. C.....	764,000	1,064,000	90,000
S. D.....	594,000	.....	.....
TENN.....	4,710,000	840,000	150,000
TEXAS.....	270,000	2,041,000	252,000
UTAH.....	792,000	1,080,000	53,000
VT.....	1,400,000	.....	10,000
VA.....	11,702,000	578,000	146,000
WASH.....	16,657,000	1,130,000	603,000
W. VA.....	9,403,000	850,000	38,000
WIS.....	2,854,000	.....	21,000
WYO.....	.....	.....	.....
U. S.....	198,389,000	40,185,000	10,189,000
Latest....	173,632,000	40,185,000	10,342,000

HOG MARKET RECEIPTS.

The following tabulation shows the combined receipts of hogs monthly since January, 1913, at twelve important interior markets (Chicago, Cincinnati, Denver, Fort Worth, Indianapolis, Kansas City, Omaha, Portland, Oregon, St. Joseph, St. Louis, St. Paul and Sioux City):

Months.	1913.	1914.	1915.
January.....	2,482,000	2,309,000	2,796,000
February.....	1,938,000	2,003,000	2,610,000
March.....	1,705,000	1,810,000	2,409,000
April.....	1,714,000	1,568,000	1,749,000
May.....	2,015,000	1,732,000	2,019,000
June.....	2,120,000	1,972,000	2,120,000
Six Months,			
Jan. to June.....	11,974,000	11,394,000	13,703,000
July.....	1,810,000	1,582,000	1,762,000
August.....	1,687,000	1,325,000	1,477,000
September.....	1,634,000	1,343,000	1,311,000
October.....	1,863,000	1,796,000	1,529,000
November.....	2,099,000	2,128,000	2,454,000
December.....	2,600,000	2,733,000	3,520,000
Year's Total	23,666,000	22,301,000	25,757,000
Months.	1916.	1917.	1918.
January.....	3,835,000	3,634,000	2,968,000
February.....	3,165,000	2,779,000	3,134,000
March.....	2,518,000	2,313,000	3,183,000
April.....	1,960,000	2,035,000	2,674,000
May.....	2,360,000	2,263,000	2,360,000
June.....	2,207,000	2,016,000	2,108,000
Six Months,			
Jan. to June.....	16,045,000	15,040,000	16,427,000
July.....	1,860,000	1,930,000	2,270,000
August.....	1,962,000	1,357,000	.....
September.....	1,579,000	1,042,000	.....
October.....	2,397,000	1,683,000	.....
November.....	3,457,000	2,506,000	.....
December.....	3,640,000	2,614,000	.....
Year's Total	30,939,000	26,171,000	.....

State Live Stock Valuations No. 1.

The United States Department of Agriculture has issued a statement dated basis of January, 1918, which intends to show the value of the cattle, hogs and sheep separated from the horses and mules. These two columns added together make the total value of live stock in each state, which is shown in another table. Thus, cattle, hogs and sheep value, \$5,394,000,000, and horses and mules value, \$2,870,000,000, make an aggregate of \$8,264,000,000.

State.	Cattle, Hogs and Sheep.	Horses and Mules.
ALA.....	\$ 66,000,000	\$ 58,000,000
ARIZ.....	67,000,000	11,000,000
ARK.....	65,000,000	60,000,000
CALIF.....	163,000,000	53,000,000
COLO.....	118,000,000	42,000,000
CONN.....	150,000,000	7,000,000
DEL.....	5,000,000	4,000,000
FLA.....	42,000,000	14,000,000
GA.....	80,000,000	79,000,000
IDAHO.....	79,000,000	26,000,000
ILL.....	276,000,000	169,000,000
IND.....	181,000,000	99,000,000
IOWA.....	514,000,000	172,000,000
KAS.....	246,000,000	152,000,000
KY.....	88,000,000	72,000,000
LA.....	52,000,000	40,000,000
MAINE.....	21,000,000	18,000,000
MD.....	26,000,000	21,000,000
MASS.....	20,000,000	9,000,000
MICH.....	143,000,000	81,000,000
MINN.....	201,000,000	100,000,000
MISS.....	68,000,000	63,000,000
MO.....	254,000,000	142,000,000
MONT.....	113,000,000	50,000,000
NEB.....	300,000,000	119,000,000
NEV.....	50,000,000	6,000,000
N. H.....	13,000,000	7,000,000
N. J.....	22,000,000	14,000,000
N. M.....	88,000,000	19,000,000
N. Y.....	199,000,000	87,000,000
N. C.....	51,000,000	61,000,000
N. D.....	70,000,000	87,000,000
OHIO.....	225,000,000	102,000,000
OKLA.....	123,000,000	101,000,000
OREGON.....	76,000,000	31,000,000
PENN.....	138,000,000	81,000,000
R. I.....	3,000,000	1,000,000
S. C.....	32,000,000	48,000,000
S. D.....	157,000,000	79,000,000
TENN.....	67,000,000	74,000,000
TEXAS.....	285,000,000	180,000,000
UTAH.....	61,000,000	13,000,000
VT.....	33,000,000	13,000,000
VA.....	63,000,000	46,000,000
WASH.....	42,000,000	36,000,000
W. VA.....	47,000,000	22,000,000
WIS.....	233,000,000	83,000,000
WYO.....	115,000,000	18,000,000
U. S.....	\$5,394,000,000	\$2,870,000,000

State Live Stock Valuations No. 2.

This tabulated statement by the United States Department of Agriculture gives the total value of all live stock, state by state, for the years 1917 and 1918. In addition there is also the rank of each state in live stock ownership from Iowa, which is first, to Rhode Island, which is forty-eighth. These are aggregate figures, meaning a combined total value of \$8,260,000,000 in live stock on farms of the United States.

State.	1917.	1918. Rank.
ALA.....	\$ 87,000,000	\$124,000,000 25
ARIZ.....	61,000,000	78,000,000 35
ARK.....	95,000,000	123,000,000 26
CALIF.....	183,000,000	216,000,000 16
COLO.....	128,000,000	160,000,000 19
CONN.....	19,000,000	22,000,000 43
DEL.....	8,000,000	9,000,000 47
FLA.....	41,000,000	56,000,000 38
GA.....	119,000,000	159,000,000 20
IDAHO.....	80,000,000	105,000,000 31
ILL.....	365,000,000	445,000,000 3
IND.....	226,000,000	280,111,000 11
IOWA.....	535,000,000	686,000,000 1
KAS.....	328,000,000	398,000,000 5
KY.....	127,000,000	160,000,000 18
LA.....	72,000,000	92,000,000 32
MAINE.....	31,000,000	39,000,000 42
MD.....	41,000,000	47,000,000 40
MASS.....	25,000,000	29,000,000 44
MICH.....	189,000,000	224,000,000 13
MINN.....	248,000,000	301,000,000 9
MISS.....	94,000,000	131,000,000 24
MO.....	303,000,000	396,000,000 6
MONT.....	137,000,000	163,000,000 17
NEB.....	328,000,000	419,000,000 4
NEV.....	39,000,000	56,000,000 39
N. H.....	16,000,000	20,000,000 46
N. J.....	31,000,000	36,000,000 43
N. M.....	89,000,000	107,000,000 29
N. Y.....	234,000,000	286,000,000 10
N. C.....	88,000,000	112,000,000 27
N. D.....	150,000,000	157,000,000 21
OHIO.....	263,000,000	327,000,000 8
OKLA.....	188,000,000	224,000,000 14
OREGON.....	88,000,000	107,000,000 30
PENN.....	186,000,000	219,000,000 15
R. I.....	3,000,000	4,000,000 48
S. C.....	60,000,000	80,000,000 33
S. D.....	190,000,000	236,000,000 12
TENN.....	114,000,000	141,000,000 22
TEXAS.....	459,000,000	465,000,000 2
UTAH.....	49,000,000	74,000,000 36
VT.....	36,000,000	46,000,000 41
VA.....	91,000,000	109,000,000 28
WASH.....	63,000,000	78,000,000 34
W. VA.....	58,000,000	69,000,000 37
WIS.....	274,000,000	316,000,000 8
WYO.....	96,000,000	..... ..
U. S.....	\$6,735,000,000	\$8,264,000,000 ..

Harvesting of Potatoes.

The United States Bureau of Crop Estimates of the Department of Agriculture has ascertained when white (Irish) potatoes are harvested, and the amount and quantity harvested in each month, as follows:

Month.	1915.		1916.	
	Per Cent.	Bushels.	Per Cent.	Bushels.
JAN....	.....	10,000	.....	11,000
FEB....	.....	38,000	.....	45,000
MARCH.....	.....	117,000	.....	131,000
APRIL.....	0.2	681,000	0.2	730,000
MAY.....	1.0	3,601,000	1.2	3,400,000
JUNE.....	3.2	11,626,000	3.5	8,032,000
JULY.....	7.9	28,400,000	7.9	22,722,000
AUG.....	13.1	46,874,000	12.9	38,351,000
SEPT.....	29.7	106,716,000	29.5	85,166,000
OCT.....	41.8	150,200,000	41.4	119,747,000
NOV.....	2.9	10,665,000	3.3	9,434,000
DEC.....	.....	175,000	.1	195,000
Total..	100.0	359,103,000	100.0	288,964,000

GROWING OF CELERY.

Celery growing on a commercial scale is not confined to five states, but it is only in five states that the crop is considered of sufficient dimensions to be subject of Agricultural Department crop reports. In the last census year 4,005 farms in all the different states reported growing celery on 15,863 acres, and producing crops to the value of \$3,922,848, which amounts to nearly \$250 per acre. The acreage was 13,213 in 1915 in six states, and in those same states in 1916 the acreage was only 11,588, a decrease, one year with another, of 1,625 acres.

State.	1915.		1916.	
	Acres.	Acres.	In-crease.	De-crease.
COLORADO.....	400	400	.....	.....
MICHIGAN.....	3,118	3,134	16	.....
NEW YORK.....	5,900	4,404	.....	1,496
OHIO.....	1,058	1,097	39	.....
PENNSYLVANIA.....	2,737	2,553	.....	184
Total.....	13,213	11,588	.....	1,625

State Crop Valuations.

We have here the state quotations of all crops. It also gives a number showing the relative rank of each state. The table is for two years, 1916 and 1917. There is considerable difference one year with another in regard to state valuations. Thus, for instance, Texas was first in 1916 and second in 1917; Illinois was third in 1916 and first in 1917; Missouri was fourteenth in 1916 and fifth in 1917; Kansas was sixth in 1916 and 14th in 1917.

State.	Rank.	1916. Value of Crops.	Rank.	1917. Value of Crops.
ALA.	27	\$ 165,487,000	25	\$ 291,563,000
ARK.	45	18,626,000	45	27,068,000
ARIZ.	45	248,463,000	20	359,538,000
ARK.	16	221,638,000	10	432,285,000
CALIF.	13	106,453,000	28	164,890,000
COLO.	30	42,911,000	44	27,814,000
CONN.	40	17,847,000	33	104,771,000
DEL.	46	61,888,000	33	542,733,000
FLA.	37	358,023,000	6	94,890,000
GA.	5	74,243,000	36	842,042,000
IDA.	36	477,263,000	1	503,154,000
ILL.	3	285,384,000	8	783,488,000
IND.	9	516,490,000	3	399,844,000
IOWA.	2	315,678,000	14	375,710,000
KAN.	6	221,311,000	16	13,352,000
KY.	19	186,494,000	24	71,425,000
LA.	25	88,938,000	37	123,879,000
ME.	32	86,093,000	31	69,106,000
MD.	34	51,853,000	38	356,265,000
MASS.	38	237,175,000	21	480,230,000
MICH.	17	268,775,000	9	559,596,000
MINN.	12	197,852,000	19	546,036,000
MISS.	23	121,269,000	5	108,845,000
MO.	14	121,055,000	35	522,186,000
MONT.	29	389,423,000	7	25,655,000
NEB.	4	17,148,000	47	25,748,000
NEV.	47	26,714,000	46	103,895,000
N. H.	43	79,781,000	34	38,770,000
N. J.	35	22,670,000	43	417,798,000
N. M.	44	294,476,000	12	417,846,000
N. Y.	8	272,076,000	11	220,290,000
N. C.	11	169,660,000	27	546,058,000
N. D.	26	284,323,000	4	329,579,000
OHIO.	10	236,832,000	23	108,632,000
OKLA.	18	105,500,000	32	412,394,000
ORE.	31	299,408,000	13	8,352,000
PENN.	7	5,556,000	48	389,887,000
R. I.	48	199,532,000	15	366,582,000
S. C.	22	189,257,000	18	290,819,000
S. D.	24	213,701,000	26	788,983,000
TENN.	21	695,365,000	2	49,627,000
TEXAS.	1	43,436,000	41	45,950,000
UTAH.	39	42,782,000	42	344,159,000
VT.	41	215,079,000	22	144,422,000
VA.	20	127,502,000	29	132,281,000
WASH.	28	87,428,000	30	367,095,000
W. VA.	33	254,599,000	17	52,829,000
WIS.	15	36,811,000	40	
WYO.	42			
Total.		\$8,985,870,000		\$13,580,768,000

Velvet Beans, 1917.

Velvet beans are planted for the beans, and in addition 49 per cent. of the acreage is grazed or hogged off and 8 per cent. plowed under for soil improvement. We show the total acreage, the acreage harvested for the beans and the production of beans in bushels.

State.	Acreage Planted.	Cut For Grain, Acres.	Produc- tion, Bushels.
ALA.	1,800,000	1,080,000	8,140,000
ARK.	18,000	4,000	
FLA.	508,000	250,000	2,250,000
GA.	1,300,000	403,000	3,224,000
MISS.	705,000	176,000	1,760,000
N. C.	108,000	5,000	75,000
S. C.	188,000	28,000	350,000
Total.	4,619,000	1,946,000	15,790,000

Production of Strawberries.

Herewith for two years we give the United States Agricultural Department estimate of acreage and production of strawberries, also by states the estimated production in twenty-four quart crates. The decrease this year is pretty general, especially on the Atlantic Coast. Increased production is reported in Kentucky and Missouri.

State.	Acre- age to be Picked, Acres.	Condi- tion, May 15, 1918, PerCt.	Indi- cated Yield, May 15, 1918, Quarts.	Fore- cast of Pro- duction, Crates.
ARK.	11,020	49	980	449,983
ALA.	2,240	86	1,720	160,533
CALIF.	3,800	82	1,968	311,600
DEL.	5,000	78	2,184	455,000
FLA.	1,450	78	1,560	94,250
KY.	3,230	82	2,952	397,290
LA.	12,770	40	800	425,666
MD.	8,120	78	2,184	738,920
MISS.	970	71	1,420	57,392
MO.	3,470	66	1,584	229,020
N. J.	3,440	86	2,064	295,840
N. C.	2,860	85	2,210	263,358
S. C.	850	100	2,500	88,542
TENN.	12,630	64	1,280	673,600
TEXAS.	1,130	75	1,800	84,750
VA.	3,520	77	2,156	316,213
Total, 1918.	76,500	...	1,582	5,041,957
Total, 1917.	96,690	...	1,718	6,920,369

Production of Cowpeas, 1917.

Cowpea cultivation is a Southern industry, reaching North to moderate climates. Cowpeas are grown for grain, for hay, to be placed in silos, grazed or hogged off, or plowed under to enrich the soil. Cowpeas are also planted with other crops and represent a by-product. The figures given include total acreage, grain harvested and hay yield.

State.	Acres Planted.	Grain Yield, Bushels.	Hay Yield, Tons.
ALA.	1,057,000	3,012,000	314,000
ARK.	324,000	648,000	390,000
FLA.	360,000	320,000	
GA.	771,000	770,000	124,000
ILL.	75,000		
IND.	53,000		
KY.	163,000	300,000	183,000
LA.	580,000	1,773,000	
MD.	11,000		
MISS.	1,300,000		
MO.	50,000	875,000	10,000
N. C.	230,000	540,000	74,000
N. J.	3,000		
OHIO.	3,000	2,000	
OKLA.	45,000	108,000	
PENN.	5,000		
S. C.	750,000	672,000	366,000
TENN.	190,000	200,000	248,000
TEXAS.	517,000		
VA.	300,000		
W. VA.	10,000	3,000	15,000
Total.	6,797,000	8,723,000	1,724,000

Bartram in his "Travels" mentions having seen in the year 1763 near Mosquito Inlet, Florida, a ridge a half mile wide and forty miles long, which was one dense orange grove.

In the year 1763 Laclede, Maxon & Co. established the first fur-trading depot at St. Louis, Mo. The brothers Auguste and Pierre Chouteau were connected with it. In those days the farmers tributary to St. Louis were great hunters and skillful trappers.

The first greenhouse on modern plans in this country was constructed in New York in the year 1764.

MARKET DEPARTMENT.

A Special Directory Section For Those Who Buy or Sell Live Stock, Grain, Fruits and Vegetables on Commission.

This is the beginning of a Directory Department which will soon contain 1,000 names and addresses. We charge each firm one dollar a year to pay actual expenses for the two lines, including a one-year subscription to the paper. Extra lines, 50 cents per line. For a two-inch single-column advertisement in the Department of Markets we charge \$12.00 a year. We invite advertising and subscriptions. Agricultural Statistics is sold all over the United States at 25 cents a copy.

MARKET DEPARTMENT.

ABRAHAM FUR CO., Wool and Fur Dealers, 213 North Main St., ST. LOUIS, MO.

AMERICAN BUTTER AND CHEESE COMPANY, Commission Salesmen, 31 Griswold St., DETROIT, MICH.

ARMOUR & CO., Meat Packers, Union Stock Yards, CHICAGO, ILL.

BARTLETT, A. J., Commission—Butter, Cheese, Eggs and Poultry, 7 and 8 North Market St., BOSTON, MASS.

BENNETT, JAMES E., & CO., Soliciting Grains, Stocks and Provisions on Consignment, 332 LaSalle St., CHICAGO, ILL.

BIGGS—E. W. BIGGS & CO., Furs and Wool, 522 Biggs Bldg., KANSAS CITY, MO.

BIRMINGHAM PACKING COMPANY, Pioneer Meat Packers, BIRMINGHAM, ALA.

BOURBON STOCK YARDS, Established 1858, Market of the South, LOUISVILLE, KY.

BOWLES LIVE STOCK COMMISSION CO., Union Stock Yards, CHICAGO, ILL.

BRINKMAN, WOOD & BECK, Live Stock Commission, Union Stock Yards, PITTSBURGH, PA.

CAMPBELL & REID AND WESTERN SALE STABLES COMPANY, Receivers and Salesmen on Commission, Horses and Mules, NATIONAL STOCK YARDS, ILL.

CAMPBELL-ROSSON & BELDEN, Live Stock Commission, FORT WORTH, TEXAS.

CASSIDY SOUTHWESTERN COMMISSION COMPANY, St. Louis Market Headquarters, NATIONAL STOCK YARDS, ILL.

CHICAGO CATTLE LOAN COMPANY, M. A. Traylor, President, Union Stock Yards, CHICAGO, ILL.

CLEVELAND PROVISION COMPANY, Tankage For Hogs, CLEVELAND, OHIO.

DEAN—B. A. DEAN & SON, Dealers in Alfalfa, Hay and Grain, AUBURN, N. Y.

DALTON MEEKS CO., THE, Live Stock Commission Merchants, EAST BUFFALO, N. Y.

DORMAN, BENJAMIN, Buyer of Ginseng, 147 West 34th St., NEW YORK, N. Y.

EDISON & HOPKINS, Live Stock Commission, Union Stock Yards, BALTIMORE, MD.

EVANS-SNIDER-BUEL LIVE STOCK COMMISSION COMPANY, Main Office Union Stock Yards, CHICAGO, ILL.

ELLSWORTH & McNAIR, Commission Salesmen of All Kinds of Horses, Union Stock Yards, CHICAGO, ILL.

FARMERS' COMMISSION HOUSE, Poultry, Eggs, Etc., 27 Harrison St., NEW YORK, N. Y.

FORT WORTH STOCK YARD COMPANY, Good Home Market, FORT WORTH, TEXAS.

FUNSTEN BROS. & CO., 118 Fur Exchange, ST. LOUIS, MO.

FERGURSONSON BROS., Shippers of Bermuda Onions, PEARSALL, TEXAS.

FORGY, WM., Horse and Mule Salesman, Auction Wednesdays, U. S. Barn, DENVER, COLO.

GILLEN, HEIMAN & HARPER, Wholesale and Retail Dealers in Mules, NATIONAL STOCK YARDS (E. ST. LOUIS) ILL.

HOLBERT HORSE IMPORTING COMPANY, Draft Horses, GREELEY, IA.

GOODRIDGE, MATTINGLY & CO., Live Stock Commission, Bourbon Stock Yards, LOUISVILLE, KY.

HARRISON PRODUCE COMPANY, Early Vegetable Shipper, SAN BENITO, TEXAS.

HARPOLE, GEORGE, Packer and Shipper Louisiana Strawberries, INDEPENDENCE, IA.

HIBBARD-STEWART COMPANY, INC., Wool, Pelts, Furs, Etc., SEATTLE, WASH.

HILL BROS. FUR CO., Buyers of Furs, 357 Hill Bldg., ST. LOUIS, MO.

HOLLAND & MAXWELL COMMISSION COMPANY, Commission Salesmen, Horses and Mules, at St. Louis, Greatest Market in the World, P. O. NATIONAL STOCK YARDS, ILL.

HOLLIS & PLATT HORSE COMPANY, Horses and Mules Bought and Sold, Union Stock Yards, DENVER, COLO.

HORKHEIMER BROS., Wool Commission Agents, WHEELING, W. VA.

HOWELL BELL AUCTION COMPANY, Horses and Mules, 1046 East Main St., LOUISVILLE, KY.

ILLINOIS HORSE CO., Coach and Draft Horses, Good Block, DES MOINES, IA.

KINGAN & CO., LTD., In Market For Live Hogs, RICHMOND, VA.

McCAFFREYS, SONS, DANIEL, Hay Commission, 625 Wabash Bldg., PITTSBURGH, PA.

McCULLOUGH & TUMBACH, Wool and Furs, 105 North Main St., ST. LOUIS, MO.

MUSTION (C. J.) WOOL COMMISSION COMPANY, 16th and Liberty sts., KANSAS CITY, MO.

NATIONAL COLD STORAGE CO., INC., 100 Hudson St., NEW YORK, N. Y.

NEWGASS—L. M. NEWGASS COMPANY, Commission Salesmen of Horse and Mules, Union Stock Yards, CHICAGO, ILL.

NORTH AMERICAN FRUIT EXCHANGE, Onions and Potatoes, LAREDO, TEXAS.

OLD VIRGINIA HIDE AND WOOL CO., INC., Wool, Hides, Skins, Etc., RICHMOND, VA.

OMAHA HORSE AND MULE COMPANY, Commission Salesmen, Stock Yards, OMAHA, NEB.

OTIS—B. W. OTIS & CO., Commission—Dressed Poultry, West Washington Market, NEW YORK, N. Y.

PACIFIC HIDE AND FUR DEPOT, Joseph Thiebes and C. T. Symmes, Railroad Ave., SPOKANE, WASH.

PITTSBURGH UNION STOCK YARDS, James S. McFadyen, General Manager, PITTSBURGH, PA.

PURITAN FRUIT COMPANY, Fruit Salesmen, 12 South Market St., BOSTON, MASS.

PURSE BROS., Distributors of Fruits and Vegetables, DETROIT, MICH.

REEVES—R. R. REEVES & CO., Exclusive Order Buyers, Union Stock Yards, PITTSBURGH, PA.

RYAN-ROBINSON COMMISSION COMPANY, Cattle, Hogs and Sheep, Stock Yards, KANSAS CITY, MO.

SHANNON & FARRELL, Live Stock Commission, Union Stock Yards, PITTSBURGH, PA.

SIGEL-CAMPION LIVE STOCK COMMISSION COMPANY, Union Stock Yards, DENVER, COLO.

SHUBERT, A. B., INC., Hides and Furs, 25 West Austin Ave., CHICAGO, ILL.

SMITH, J. L., Southern Alabama Vegetables, Car Lots,
MOBILE, ALA.
STANDARD GROWERS' EXCHANGE
(H. C. Schrader Company), Fruits and Vegetables,
ORLANDO, FLA.
STOCK YARDS LOAN COMPANY, Joseph L. Freeland, President, Live Stock Exchange,
KANSAS CITY, MO.

F. C. TAYLOR FUR CO.

We are in the Fur Business at St. Louis, Mo., the Greatest Fur Market on the Continent. Send for our Free Fur Book and post yourselves. Also "BOOK OF TRAPS," FREE! Shows what and how to trap; pictures animals in colors. Catalog of Supplies all at lowest prices. Send today.

F. C. TAYLOR FUR CO.
315 Fur Exchange Building,
ST. LOUIS, MO.

KY.....	44,974	203,820	35,603	152,991
LA.....	6,148	35,231	4,928	29,591
ME.....	2,496	10,857	1,371	7,592
MD.....	5,093	28,013	4,186	23,156
MASS....	1,799	8,381	1,597	7,464
MICH....	18,122	100,397	16,892	115,271
MINN....	6,078	45,877	9,522	56,677
MISS....	17,990	95,257	16,028	74,350
MO.....	41,145	205,110	40,110	203,569
MONT....	234	1,801	1,795	6,813
NEB....	12,130	52,143	12,538	45,625
NEV....	278	5,692	176	8,401
N. H....	1,228	5,520	1,002	4,644
N. J....	2,327	14,118	1,627	10,484
N. M....	410	6,164	418	10,052
N. Y....	22,738	187,208	15,259	156,360
N. C....	41,051	244,539	36,248	189,178
N. D....	30	279	79	495
OHIO....	34,458	151,391	23,203	98,242
OKLA....	3,438	20,137	4,816	19,413
ORE....	8,895	55,585	8,861	47,285
PENN....	28,962	161,670	22,297	124,815
R. I....	370	1,681	285	1,267
S. C....	16,272	93,958	12,528	75,422
S. D....	387	2,063	1,355	6,665
TENN....	38,225	225,788	27,706	144,481
TEXAS..	60,043	392,644	37,881	238,107
UTAH....	3,707	33,818	1,873	26,185
VT.....	1,878	12,836	1,124	10,215
VA.....	25,744	139,064	22,437	104,005
WASH....	4,435	30,870	5,886	33,884
W. VA..	25,240	111,417	24,035	110,673
WIS....	10,535	106,000	10,391	95,638
WYO....	153	1,020	579	4,596
Total..	707,215	4,108,239	585,955	3,445,006

Honey and Wax.

In the year 1899 the production of honey was 61,099,290 pounds, production of wax 1,763,595 pounds, the total value of the same being \$6,656,611. In 1909 the production was as follows:

State.	Honey, Pounds.	Wax, Pounds.	Value, Honey.	Value, Wax.
ALA...	891,954	50,043	\$ 88,088	\$ 11,889
ARIZ...	1,025,282	15,012	53,298	3,905
ARIZ...	915,515	20,405	107,846	5,122
CALIF..	10,264,715	126,445	631,539	33,828
COLO..	2,306,492	33,682	225,832	8,502
CONN..	145,722	1,096	23,558	365
DEL...	62,777	2,756	7,770	463
D. C...	3,657	.....	477	.....
FLA....	747,832	18,635	56,050	4,856
GA.....	884,662	23,434	96,114	5,774
IDAHO..	1,011,068	8,018	86,251	2,131
ILL....	1,428,640	26,240	194,625	6,138
IND....	687,097	15,115	102,490	3,226
IOWA...	2,374,080	44,266	275,418	10,011
KAS....	609,785	4,332	83,243	1,194
KY.....	1,558,670	17,307	197,720	4,522
LA.....	340,134	12,284	30,915	2,996
ME.....	112,051	2,260	20,016	670
MD....	306,367	4,358	38,164	1,080
MASS..	96,802	1,019	18,806	370
MICH..	2,507,810	28,524	289,137	7,605
MINN..	972,262	16,880	120,569	4,053
MISS..	559,012	15,155	60,972	3,890
MO....	2,105,815	23,784	267,998	6,176
MONT..	163,510	394	21,802	133
NEB....	527,868	3,336	72,463	935
NEV....	354,905	7,766	34,920	2,082
N. H....	65,038	792	13,363	260
N. J....	152,072	1,372	22,484	433
N. M....	439,528	5,345	38,113	1,526
N. Y....	3,191,733	43,198	376,608	13,034
N. C....	1,809,127	76,400	211,607	18,979
N. D....	11,084	92	1,840	29
OHIO...	1,001,179	7,454	131,710	2,181
OKLA...	140,234	1,088	23,783	313
ORE....	839,981	8,383	92,476	2,034
PENN..	1,840,360	21,823	256,428	6,376
R. I....	14,221	185	2,904	55
S. C....	653,119	12,440	75,941	2,995
S. D....	139,714	943	20,165	278
TENN..	1,468,123	28,864	175,791	7,271
TEX....	3,093,097	58,402	308,488	14,310
UTAH...	1,138,091	16,667	75,892	3,871
VT.....	160,283	2,899	25,351	815
VA.....	1,344,360	23,883	167,971	5,956
WASH..	503,580	4,038	65,196	1,195
W. VA..	1,550,739	11,090	228,843	2,787
WIS....	2,153,819	55,402	223,606	12,117
WYO....	138,924	1,563	16,248	477
Total..	54,814,890	904,867	\$5,762,869	\$229,214

UNION STOCK YARDS, H. E. Snow, General Manager,
MONTGOMERY, ALA.
WATKINS, CARRITHERS & CO., Live Stock Commission, Bourbon Stock Yards,
LOUISVILLE, KY.
WHITMORE, L. S., & CO., Commission Agents, Cattle, Hogs, Sheep, Etc.,
RICHMOND, VA.
WILLIAMSON & DENNIS, Live Stock Commission, Interstate Stock Yards,
JACKSONVILLE, FLA.
WOODSON-CRAIG COMPANY, INC., Commission, Eggs, Butter, Etc., RICHMOND, VA.
ZOOK & ZOOK, Live Stock Commission, Stock Yards,
KANSAS CITY, MO.

The Beekeepers and Colonies.

It is not often the colonies of bees are counted, but they are each census year. We present herewith tabulated comparison, showing the number of farms reporting the ownership of bees in each state and the number of colonies in the years 1900 to 1910. Unfortunately, the census people took the count in 1900 on June 1st and the next census the date was changed to April 15th. There appears to have been a decrease of beekeeping in ten years, from 1900 to 1910, but that is very likely not the case. We take official figures for what they are worth.

State.	Farms Reporting, June 1, 1900.	Colonies of Bees, June 1, 1900.	Farms Reporting, April 15, 1910.	Colonies of Bees, April 15, 1910.
ALA.....	32,100	205,369	23,911	135,140
ARIZ....	489	18,991	441	23,770
ARK....	22,182	111,318	19,692	92,731
CALIF..	6,915	129,444	6,870	201,023
COLO...	4,518	59,756	3,563	71,434
CONN...	2,252	11,438	1,798	9,445
DEL....	1,684	10,187	1,119	6,410
D. COL.	7	59	13	151
FLA....	4,521	39,753	4,345	38,895
GA.....	32,246	187,919	23,167	130,549
IDAHO..	2,387	19,240	2,368	21,903
ILL....	31,932	179,953	29,741	155,846
IND....	28,632	117,148	19,487	80,938
IOWA...	28,977	138,811	28,935	160,025
KAS....	18,295	88,504	16,869	73,737

WOOL PRODUCTION.

The statement shows the production of wool in the United States in the years 1917 and 1918 as estimated by the United States Department of Agriculture:

State.	Production, 1917. Pounds.	Production, 1918. Pounds.
ALABAMA.....	350,000	368,000
ARKANSAS.....	350,000	402,000
ARIZONA.....	5,831,000	5,656,000
CALIFORNIA.....	12,180,000	12,545,000
COLORADO.....	8,820,000	9,261,000
CONNECTICUT.....	75,000	76,000
FLORIDA.....	355,000	426,000
GEORGIA.....	455,000	478,000
DELAWARE.....	31,000	31,000
IDAHO.....	17,500,000	10,500,000
INDIANA.....	4,332,000	4,765,000
ILLINOIS.....	3,855,000	4,048,000
IOWA.....	4,500,000	4,815,000
KANSAS.....	1,450,000	1,624,000
KENTUCKY.....	2,969,000	3,058,000
LOUISIANA.....	560,000	594,000
MAINE.....	833,000	833,000
MARYLAND.....	758,000	773,000
MASSACHUSETTS.....	119,000	119,000
MICHIGAN.....	8,192,000	8,705,000
MINNESOTA.....	2,964,000	3,112,000
MISSISSIPPI.....	491,000	619,000
MISSOURI.....	4,810,000	5,532,000
MONTANA.....	23,342,000	23,942,000
NEBRASKA.....	1,600,000	1,696,000
NEVADA.....	9,000,000	10,000,000
NEW HAMPSHIRE.....	183,000	192,000
NEW JERSEY.....	80,000	88,000
NEW MEXICO.....	18,422,000	17,132,000
NEW YORK.....	3,514,000	3,830,000
NORTH CAROLINA.....	553,000	570,000
NORTH DAKOTA.....	1,418,000	1,560,000
OHIO.....	12,000,000	12,600,000
OKLAHOMA.....	450,000	518,000
OREGON.....	12,000,000	12,500,000
SOUTH DAKOTA.....	3,738,000	4,747,000
SOUTH CAROLINA.....	95,000	103,000
TENNESSEE.....	1,776,000	1,954,000
PENNSYLVANIA.....	4,225,000	4,774,000
RHODE ISLAND.....	24,000	24,000
TEXAS.....	10,045,000	11,250,000
UTAH.....	14,800,000	15,800,000
VERMONT.....	597,000	663,000
VIRGINIA.....	1,862,000	1,918,000
WASHINGTON.....	4,813,000	5,504,000
WEST VIRGINIA.....	2,695,000	2,830,000
WISCONSIN.....	2,500,000	2,850,000
WYOMING.....	30,380,000	34,026,000
UNITED STATES....	241,892,000	257,921,000

WOOL PRODUCTION, YEAR BY YEAR.

The following statement represents the United States Department of Agriculture estimate of the wool production of the United States, year by year, since the year 1894, the year of the largest production being 1909, and the smallest in 1898.

Year.	Pounds.	Year.	Pounds.
1894.....	298,057,384	1906.....	298,915,130
1895.....	309,748,000	1907.....	298,294,750
1896.....	272,474,708	1908.....	311,138,321
1897.....	259,153,251	1909.....	328,110,749
1898.....	266,720,684	1910.....	321,362,750
1899.....	272,191,330	1911.....	318,547,900
1900.....	288,636,621	1912.....	304,043,400
1901.....	302,502,328	1913.....	296,175,300
1902.....	316,341,032	1914.....	290,192,000
1903.....	287,450,000	1915.....	285,726,000
1904.....	291,783,032	1916.....	288,490,000
1905.....	295,488,438	1917.....	241,892,000

PURITY OF THE JERSEY.

In his book entitled "The History of the Jersey Cow in America," by Valancey E. Fuller, he said: "From the evidence I think it may be claimed that as early as 1763 the purity of the Jersey cattle breed was a subject of great care, and it has been scrupulously guarded till this day, with the possible exception of an isolated cross of the Guernsey."

In 1764 Alexander Garden, Scotch scientist, of Charleston, S. C., published an account of pink-root, the use of which as a vermifuge he had introduced. The botanical genus *Gardenia* was named in honor of Mr. Garden.

IMPORTS AND EXPORTS OF LIVE STOCK.

The following interesting statement from official records is an exhibit of imports and exports of domestic animals. The memorandum goes back nine years. We have imported many sheep and cattle from Mexico, and have exported comparatively large numbers of horses and mules to Europe:

LIVE STOCK IMPORTS.

Year.	Cattle.	Sheep.	Horses.	Mules.
1909.....	153,902	127,019	9,580	.....
1910.....	211,230	56,201	10,714	.....
1911.....	25,413	23,063	8,469	.....
1912.....	325,717	15,342	8,333	.....
1912.....	328,717	15,342	8,333	.....
1913.....	736,937	115,688	18,617	.....
1914.....	727,891	199,825	25,764	.....
1915.....	552,489	276,521	13,693	.....
1916.....	295,647	125,722	12,371	.....
1917.....	347,510	202,861	10,002	.....

LIVE STOCK EXPORTS.

Year.	Cattle.	Sheep.	Horses.	Mules.
1909.....	184,957	54,613	23,428	4,162
1910.....	109,629	52,638	29,359	6,458
1911.....	164,087	177,069	30,291	4,920
1912.....	46,463	191,963	29,229	4,490
1913.....	26,236	170,411	29,356	5,075
1914.....	8,694	78,227	92,923	13,761
1915.....	16,252	40,501	443,014	122,000
1916.....	12,179	55,089	287,413	134,461
1917.....	20,009	30,300	170,322	72,590

HORSES AND MULES EXPORTED.

Two tabulations show the number of horses and mules exported from the United States, month by month, during the years 1914, 1915, 1916 and 1917. These tables are made up from the Summaries of Foreign Commerce of the United States, issued by the Department of Commerce:

HORSES.

Year.	1914. Number.	1915. Number.	1916. Number.	1917. Number.
JAN....	1,104	34,643	21,593	30,171
FEB....	1,324	36,960	22,543	14,523
MARCH.....	3,071	33,694	23,567	18,905
APRIL.....	5,161	30,736	16,487	16,943
MAY.....	1,301	33,498	18,654	16,437
JUNE.....	1,236	40,083	21,300	18,435
JULY.....	927	47,380	24,715	7,657
AUG.....	804	43,593	29,878	11,047
SEPT....	7,146	44,345	31,558	9,411
OCT....	12,091	16,127	29,590	10,008
NOV....	28,071	25,630	18,044	4,127
DEC....	30,687	26,325	29,475	12,658
Total.	92,923	443,014	287,413	170,322

MULES.

Year.	1914. Number.	1915. Number.	1916. Number.	1917. Number.
JAN....	434	6,909	7,246	10,812
FEB....	625	6,638	11,597	12,006
MARCH.....	569	4,433	7,232	14,186
APRIL.....	630	12,253	5,302	4,006
MAY.....	233	12,293	9,233	5,547
JUNE.....	244	12,916	9,091	4,472
JULY.....	211	15,031	74,566	2,320
AUG.....	108	12,925	16,629	2,392
SEPT....	181	10,094	17,239	5,361
OCT....	195	9,396	15,309	4,444
NOV....	1,035	3,943	15,997	1,218
DEC....	5,266	11,825	12,130	4,926
Total..	9,771	122,066	134,461	72,590

LIVE STOCK IMPORTS, 1918.

Month.	Cattle.	Sheep.	Horses.	Mules.
JANUARY.....	9,286	1,423	231	.....
FEBRUARY.....	11,294	7,085	520	.....
MARCH.....	14,603	13,200	588	.....
APRIL.....	22,563	1,899	602	.....
FOUR MONTHS	57,746	23,607	1,941	.....

LIVE STOCK EXPORTS, 1918.

Month.	Cattle.	Sheep.	Horses.	Mules.
JANUARY.....	601	6	8,135	3,701
FEBRUARY.....	508	48	9,091	1,286
MARCH.....	1,245	6	4,590	1,293
APRIL.....	1,457	11	2,446	89
FOUR MONTHS	3,811	71	24,172	6,369

Horses and Mules Sold.

This tabulated statement is for the last census year. It accounts for about 2,500,000 horses and mules that were raised on farms and ranches in the United States and were available for sale and were sold in one year. It represented the available annual crop of horses and mules at the close of the census year.

State.	No. of Farms Report-ing.	Horses Sold.	No. of Farms Report-ing.	Mules Sold.
ALA.	5,523	7,787	8,083	12,661
ARIZ.	777	4,357	69	216
ARK.	13,991	22,073	13,210	25,443
CALIF.	7,995	28,989	1,627	8,916
COLO.	5,454	23,821	776	2,697
CONN.	1,202	3,225	8	95
DEL.	665	1,453	140	307
DIST. COL.	4	9	3	8
FLA.	965	1,667	518	892
GA.	3,867	5,453	7,247	15,028
IDAHO.	3,798	13,484	171	495
ILL.	62,018	165,925	16,876	52,426
IND.	46,245	110,115	9,610	32,577
IOWA.	62,087	181,556	5,656	15,612
KAS.	35,743	105,512	17,362	64,924
KY.	23,962	43,301	23,342	60,392
LA.	2,468	4,109	1,417	3,229
ME.	4,758	12,003	25	44
MD.	5,099	10,549	718	1,882
MASS.	1,991	5,963	9	16
MICH.	30,297	52,435	271	484
MINN.	24,448	45,790	375	687
MISS.	5,639	7,975	5,570	9,169
MO.	50,197	124,585	43,293	150,436
MONT.	3,821	31,037	174	950
NEB.	26,729	91,218	5,866	17,541
NEV.	369	6,353	48	254
N. H.	1,616	4,966	7	58
N. M.	2,007	4,921	89	245
N. Y.	2,217	11,208	765	2,038
N. C.	20,622	39,552	196	377
N. D.	7,249	12,236	6,428	10,885
N. J.	11,013	36,983	248	636
OHIO.	49,142	104,500	1,742	3,864
OKLA.	23,373	59,751	17,661	47,193
OREGON.	6,104	21,455	346	1,685
PENN.	20,297	59,232	2,022	5,893
R. I.	193	579	1	8
S. C.	1,648	2,818	2,421	4,346
S. D.	13,851	50,858	634	1,511
TENN.	22,486	39,011	30,327	78,170
TEXAS.	28,529	69,497	27,090	70,975
UTAH.	2,549	7,069	130	382
VT.	3,220	7,158	35	55
VA.	15,148	31,878	3,374	7,021
WASH.	6,028	18,106	317	1,240
W. VA.	11,297	19,456	1,258	2,290
WIS.	25,269	43,656	170	314
WYO.	1,703	12,711	69	295
Total.	715,136	1,768,342	257,800	716,862

Sheep Sold and Slaughtered.

This statement refers to the last census year, when in the United States there were 52,448,000 sheep and lambs. During that year owners of 297,878 farms and ranches reported having sold a total of 18,991,456 sheep, and owners of 69,229 farms and ranches reported that they had slaughtered a total of 529,526. The sheep sold were valued at \$4.34 per head, and the sheep slaughtered at \$4.28 per head.

State.	Farms Report-ing.	No. Sheep Sold.	Farms Report-ing.	Sheep Slaughtered.
ALA.	1,289	18,539	1,293	5,251
ARIZ.	133	205,496	194	8,125
ARK.	2,533	49,356	1,250	5,705
CALIF.	1,713	815,960	919	35,915
COLO.	879	977,460	577	19,945
CONN.	216	5,887	195	2,685
DEL.	96	1,301	16	87
FLA.	59	2,916	101	1,484
GA.	1,113	14,602	928	3,552
IDAHO.	842	1,021,847	611	8,491
ILL.	12,948	534,030	1,649	4,284
IND.	21,202	584,778	951	3,714
IOWA.	9,925	594,869	2,556	6,180
KAS.	1,262	274,332	546	2,399
KY.	19,243	671,321	3,250	10,650
LA.	375	13,864	678	3,965
ME.	5,978	89,522	1,997	23,277
MD.	3,096	76,827	530	2,952
MASS.	385	6,558	202	2,412
MICH.	36,004	1,110,614	3,012	17,318
MINN.	8,599	242,613	5,418	16,231
MISS.	757	11,329	1,106	4,845
MO.	24,283	883,160	3,171	7,461
MONT.	711	1,543,632	426	13,785
NEB.	1,459	395,872	551	1,753
NEV.	113	328,042	104	6,973
N. H.	944	14,340	164	6,987
N. J.	403	9,356	149	1,229
N. M.	1,169	1,009,504	2,275	58,839
N. Y.	14,765	403,307	3,155	51,277
N. C.	5,279	75,437	3,026	9,763
N. D.	773	75,459	927	4,342
OHIO.	35,781	1,287,373	2,459	16,754
OKLA.	307	41,768	185	1,129
OREGON.	3,018	998,484	1,395	15,786
PENN.	14,413	320,541	3,007	28,218
R. I.	90	1,153	40	749
S. C.	343	3,894	318	1,409
S. D.	1,631	227,837	1,119	7,246
TENN.	14,178	456,484	3,722	13,490
TEXAS.	1,968	401,433	1,089	9,396
UTAH.	738	425,689	676	16,597
VT.	2,565	64,044	576	6,609
VA.	11,807	410,025	2,580	9,185
WASH.	729	177,169	731	7,380
W. VA.	14,953	410,133	3,173	8,269
WIS.	16,139	397,284	5,437	15,116
WYO.	672	1,276,011	565	20,832
Total.	297,878	18,991,456	69,229	529,526

Rye, Buckwheat and Rice.

Year.	Rye, Acres.	Buckwheat, Acres.	Rice, Acres.
1909.	2,196,000	878,000	610,000
1910.	2,185,000	860,000	723,000
1911.	2,127,000	833,000	696,000
1912.	2,117,000	841,000	723,000
3 Years.	6,429,000	2,534,000	2,142,000
1913.	2,557,000	805,900	827,000
1914.	2,541,000	792,000	694,000
1915.	3,129,000	769,000	803,000
3 Years.	8,227,000	2,366,000	2,324,000
1916.	3,213,000	828,000	869,000
1917.	4,102,000	1,006,000	964,000
1918.	5,435,000	1,045,000	1,120,000
3 Years.	12,750,000	2,879,000	2,953,000

PRODUCTION OF CABBAGE.

The following forecast of the commercial production of cabbage in 1918 is based upon the condition of the crop as reported on September 15 and September 1, 1918, and estimate of the total production in 1917, by states:

State.	Total Pro-duction in 1917, Tons.	Condi-tion, Per Cent.	Pro-duction, 1918, Tons.
N. Y.	206,590	76	274,350
WIS.	96,760	62	93,000
MICH.	42,330	61	38,130
COLO.	42,570	82	49,720
OHIO.	20,050	53	26,565
MINN.	23,750	85	17,100
VA.	14,620	84	16,160
IOWA.	7,200	82	14,760
IND.	12,350	62	11,220
Total.	475,220	..	541,005
Latest.	475,300	..	565,200

In the year 1765 the London (England) Society of Arts awarded a gold medal to Benjamin Gale, of Killingworth, Conn., for a drill plow, the invention of which was claimed by Benoni Hilliard, of the same place.

An improved cotton-spinning machinery was invented in England by Hargreaves in the year 1764.

WHAT BECOMES OF THE GRAIN CROPS.

RECEIPTS OF GRAIN AT VARIOUS CITIES IN THE YEAR 1915.

Cities.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.	Total, Bushels.
Chicago, 1915.....	70,704,000	95,357,000	133,475,000	4,648,000	26,167,000	330,351,000
Detroit, 1915.....	2,714,000	3,797,000	4,775,000	539,000	9,000	11,834,000
Buffalo, 1915.....	166,670,198	17,281,413	10,969,616	3,787,863	13,512,782	212,221,872
Montreal, 1915.....	44,450,230	827,328	14,535,411	3,058	1,876,769	61,692,802
Omaha, 1915.....	16,587,600	21,295,200	11,042,000	1,076,000	555,000	53,555,800
Peoria, 1915.....	4,830,625	20,479,375	11,279,800	372,800	2,334,200	39,296,800
Kansas City, 1915.....	58,693,950	20,803,750	6,247,500	361,900	1,817,200	87,924,300
St. Louis, 1915.....	35,250,404	18,917,185	19,402,855	495,463	1,463,170	75,529,077
Indianapolis, 1915.....	4,026,000	16,114,000	8,839,000	205,000	.....	29,184,000
Cincinnati, 1915.....	7,380,386	7,313,414	6,816,890	702,483	601,502	23,314,675
Toledo, 1915.....	9,551,000	4,132,600	6,341,700	118,000	141,700	20,285,000
Cleveland, 1915.....	3,536,597	3,948,169	6,470,005	52,400	123,058	14,130,233
Boston, 1915.....	13,559,148	789,616	3,287,859	400,777	874,682	18,912,082
New York, 1915.....	99,342,750	14,383,985	88,382,922	2,020,650	6,671,785	210,802,092
Philadelphia, 1915.....	34,860,627	3,904,354	18,744,587	1,284,594	667,581	59,461,743
Baltimore, 1915.....	36,303,781	18,739,745	25,742,902	10,218,611	6,103,985	97,109,024
Milwaukee, 1915.....	6,723,175	14,117,585	28,537,780	3,579,250	17,190,720	70,148,510
Duluth, 1915.....	95,122,447	2,357,657	6,482,346	4,056,281	14,342,651	122,361,332
Minneapolis, 1915.....	142,669,370	10,777,330	33,544,950	6,237,490	36,593,780	229,822,920
Galveston, 1915.....	32,881,000	875,000	.....	.....	.....	34,756,000
New Orleans, 1915.....	32,202,000	7,789,000	3,860,000	.....	.....	42,851,000
Portland, Ore., 1915.....	18,418,775	2,337,750	2,286,400	22,800	2,677,050	23,638,775
San Francisco, 1915.....	2,959,932	368,843	826,052	11,960	7,596,623	11,763,410
Winnipeg, 1915.....	220,480,125	.....	53,844,500	110,000	7,862,650	282,297,275

RECEIPTS OF GRAIN AT VARIOUS CITIES IN THE YEAR 1916.

Cities.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.	Total, Bushels.
Chicago, 1916.....	74,944,000	102,376,000	161,244,000	5,601,000	34,526,000	378,691,000
Detroit, 1916.....	2,539,000	3,835,000	3,933,000	531,000	.....	10,838,000
Buffalo, 1916.....	138,668,781	3,527,207	22,036,301	1,477,346	11,700,053	177,409,688
Montreal, 1916.....	58,382,190	4,773,091	23,799,796	353,896	3,351,922	90,660,895
Omaha, 1916.....	36,831,600	21,466,600	14,570,700	1,163,800	1,136,800	75,169,500
Peoria, 1916.....	3,440,100	37,164,790	11,728,950	629,700	3,333,100	56,296,640
Kansas City, 1916.....	77,785,650	22,186,250	7,961,100	414,700	2,043,000	108,390,700
St. Louis, 1916.....	40,578,583	18,459,835	19,237,385	813,714	1,580,920	80,670,437
Indianapolis, 1916.....	3,292,000	25,166,000	14,596,000	126,000	.....	43,180,000
Cincinnati, 1916.....	7,274,652	9,499,415	7,005,353	660,077	1,498,534	25,938,031
Toledo, 1916.....	6,592,700	3,961,600	4,358,800	135,100	19,000	15,067,200
Cleveland, 1916.....	2,120,979	3,706,405	5,609,815	593,767	68,421	12,099,387
Boston, 1916.....	16,521,474	2,401,678	13,493,560	265,888	564,655	33,247,255
New York, 1916.....	127,316,180	11,055,200	33,277,800	744,700	14,055,023	186,448,903
Philadelphia, 1916.....	42,903,186	4,827,874	13,643,442	384,783	1,155,489	62,914,774
Baltimore, 1916.....	46,289,423	22,069,065	41,230,468	12,577,433	4,986,969	127,153,178
Milwaukee, 1916.....	8,705,256	11,611,530	40,134,900	3,669,240	22,402,760	86,523,686
Duluth, 1916.....	50,691,105	.....	7,299,813	2,850,506	10,621,371	71,462,795
Minneapolis, 1916.....	130,404,830	7,536,220	42,525,860	7,297,320	37,588,460	225,352,690
Galveston, 1916.....	24,076,000	1,038,000	.....	.....	48,113	25,162,113
New Orleans, 1916.....	23,724,000	6,792,000	3,397,000	.....	954,000	34,867,000
Portland, Ore., 1916.....	6,873,997	178,620	3,139,000	44,800	798,094	11,025,511
San Francisco, 1916.....	3,351,223	330,213	2,162,650	32,698	8,408,336	14,285,115
Winnipeg, 1916.....	235,023,800	.....	103,725,450	183,000	11,188,300	350,300,550

RECEIPTS OF GRAIN AT VARIOUS CITIES IN THE YEAR 1917.

Cities.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.	Total, Bushels.
Chicago, 1917.....	31,751,000	70,854,000	125,910,000	4,541,000	22,348,000	356,404,000
Detroit, 1917.....	2,484,000	2,715,000	3,626,000	460,000	.....	9,285,000
Buffalo, 1917.....	97,898,000	12,158,000	48,362,000	3,570,000	11,896,000	163,884,000
Montreal, Can., 1917.....	33,662,446	850,104	13,674,161	216,612	2,815,818	51,219,141
Omaha, 1917.....	13,714,600	29,882,600	20,280,500	875,200	1,711,400	66,460,300
Peoria, 1917.....	2,792,200	29,266,890	16,986,450	220,800	3,297,200	52,563,540
Kansas City, 1917.....	36,954,000	14,017,500	14,917,000	442,200	7,110,000	72,441,600
St. Louis, 1917.....	30,359,894	24,249,732	30,842,635	460,432	1,726,644	85,539,337
Cincinnati, 1917.....	7,517,958	8,939,172	7,073,714	750,664	1,033,828	25,315,336
Toledo, 1917.....	5,443,200	2,227,800	3,720,600	124,100	14,800	11,530,500
Cleveland, 1917.....	2,088,076	2,014,052	4,562,115	267,978	5,064	8,906,285
Boston, 1917.....	7,815,893	805,526	9,570,000	265,880	60,377	18,517,684
New York, 1917.....	78,217,300	13,768,700	38,406,000	3,441,500	11,543,000	145,376,500
Philadelphia, 1917.....	31,285,652	4,084,394	18,974,789	1,205,913	151,477	45,652,225
Baltimore, 1917.....	25,373,787	19,191,062	22,670,743	9,073,836	1,586,769	77,896,197
Milwaukee, 1917.....	7,676,447	11,121,900	29,341,010	2,560,165	16,724,120	67,363,642
Duluth, 1917.....	30,576,769	31,938	5,184,253	3,800,739	8,559,418	48,153,117
Minneapolis, 1917.....	101,021,250	8,065,390	29,382,000	9,212,550	27,791,110	175,472,190
Galveston, 1917.....	14,060,965	556,899	929,350	150,000	865,103	16,562,317
New Orleans, 1917.....	17,005,657	3,764,847	9,247,100	281,442	8,869,893	39,168,939
Port Arthur, Can., 1917.....	160,961,158	.....	47,761,375	159,647	6,760,000	205,742,180
Winnipeg, 1917.....	188,299,650	.....	66,311,700	324,000	7,016,100	261,951,450

THE SIZE OF AMERICAN FARMS.

The following tabulated statement is an exhibit of the different sized farms in the United States, showing the number in each state in each class. On page 4 will be found a memorandum of the total number of each size in the United States:

States.	Farms less than 3 Acres.	Farms 3 to 9 Acres.	Farms 10 to 19 Acres.	Farms 20 to 49 Acres.	Farms 50 to 99 Acres.	Farms 100 to 174 Acres.	Farms 175 to 250 Acres.	Farms 260 to 499 Acres.	Farms 500 to 999 Acres.	Farms ex- ceeding 1,000 Acres.
ALA.	130	13,613	28,115	106,841	55,448	35,563	11,932	8,161	2,276	822
ARIZ.	1,595	912	839	1,447	820	2,591	263	494	164	72
ARK.	114	6,270	29,875	74,983	45,373	39,353	11,135	6,014	1,163	398
CALIF.	1,269	9,324	11,932	20,614	10,680	12,015	4,689	7,862	5,119	4,693
COLO.	569	2,252	2,279	3,882	4,384	16,555	3,004	9,472	2,426	1,577
CONN.	223	2,693	3,119	6,306	6,634	4,999	1,702	911	188	40
DEL.	32	672	831	1,988	2,977	2,849	994	435	52	6
D. C.				217						
FLA.	307	3,758	5,019	17,169	9,999	8,178	2,589	1,956	670	371
GA.	98	8,602	20,929	117,432	68,510	42,275	16,436	11,274	3,950	1,521
IDAHO.	189	875	941	4,048	5,820	11,891	2,519	3,347	921	256
ILL.	845	9,191	10,258	33,322	57,917	80,539	38,315	19,440	1,842	203
IND.	441	11,508	11,695	40,161	67,221	57,261	18,081	8,026	949	142
IOWA.	392	7,295	6,037	15,687	38,712	80,121	40,304	25,861	2,430	214
KAS.	220	4,221	3,601	10,738	26,151	57,789	26,590	34,696	10,475	3,360
KY.	315	21,777	33,380	58,737	65,778	50,134	17,315	9,324	2,181	444
LA.	344	6,671	22,241	46,389	20,248	13,681	4,645	3,761	1,548	1,013
MAINE.	118	3,456	3,539	9,492	17,895	16,633	5,653	2,640	461	129
MD.	148	4,977	5,107	8,629	9,946	11,457	5,043	3,027	506	83
MASS.	833	4,617	4,956	8,890	7,981	5,703	2,147	1,178	319	93
MICH.	387	6,879	7,719	49,890	73,748	50,622	12,426	4,717	607	165
MINN.	294	2,555	2,770	12,028	26,571	55,424	27,972	24,864	3,359	300
MISS.	455	11,132	55,571	112,666	44,645	80,172	10,132	6,983	2,061	780
MO.	240	8,551	10,740	47,398	74,178	80,020	32,109	19,812	3,427	515
MONT.	274	299	252	956	1,260	10,552	1,565	6,773	2,353	1,990
NEB.	129	2,298	1,931	4,558	12,618	43,866	20,743	26,000	13,128	3,867
NEV.	87	79	105	320	411	555	174	366	248	344
N. H.	92	2,357	2,146	4,509	6,248	6,247	2,964	1,810	513	167
N. J.	541	3,256	4,276	7,607	8,194	7,207	1,659	576	112	59
N. MEX.	988	3,212	2,685	2,812	1,820	15,363	1,353	6,035	836	572
N. Y.	1,424	17,231	15,533	31,047	56,821	61,031	21,901	9,262	1,104	243
N. C.	116	14,868	28,240	75,629	62,157	43,987	15,629	9,625	2,669	805
N. DAK.	54	82	93	450	1,207	23,003	5,345	29,048	12,662	2,416
OHIO.	749	19,448	18,716	50,331	88,047	68,716	18,211	6,902	783	112
OKLA.	104	1,975	5,079	31,489	39,002	75,186	16,078	17,734	2,688	857
OREGON.	244	2,639	3,147	6,888	6,800	12,009	3,680	5,663	2,716	1,716
PA.	972	19,130	18,556	39,721	65,687	55,518	14,096	4,816	632	167
R. I.	145	585	647	1,144	1,264	945	312	175	51	24
S. DAK.	53	14,218	23,714	70,582	33,147	19,427	7,164	5,375	1,942	812
TENN.	99	341	368	1,121	2,406	28,396	8,230	24,811	9,698	2,174
TEXAS.	143	14,713	32,485	72,212	60,105	41,545	14,149	8,301	1,878	481
UTAH.	411	9,069	19,891	98,583	112,237	94,574	31,864	27,185	12,833	11,123
VT.	297	1,836	2,541	5,550	4,170	3,660	1,372	1,309	551	390
VA.	620	1,937	3,481	5,910	5,910	9,492	5,194	3,322	607	125
WASH.	227	17,464	22,055	42,300	38,342	32,997	14,963	11,138	3,450	922
W. VA.	563	4,593	5,873	10,252	7,105	13,884	3,089	6,126	3,431	1,726
WIS.	117	7,419	7,863	20,323	26,806	20,156	7,481	4,767	1,316	437
WYO.	273	5,491	4,883	23,460	54,007	58,439	20,196	9,274	966	141
	284	83	53	338	645	3,816	785	2,846	984	1,155

COMPARATIVE GRAIN CROPS OF UNITED STATES FOR A SERIES OF YEARS.

Crop.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.
1887.	456,329,000	1,456,161,000	659,618,000	20,691,000	56,812,000
1888.	414,868,000	1,987,790,000	701,735,000	28,415,000	63,884,000
1889.	490,560,000	2,112,892,000	751,515,000	28,500,000	66,000,000
1890.	399,262,000	1,489,970,000	523,621,000	29,000,000	58,800,000
1891.	611,780,000	2,060,154,000	738,394,000	36,000,000	77,400,000
1892.	515,949,000	1,628,464,000	681,035,000	36,000,000	76,460,000
1893.	396,131,725	1,619,496,131	638,854,850	26,555,446	69,869,495
1894.	460,267,416	1,212,770,052	662,036,928	26,737,615	61,400,465
1895.	467,102,947	2,151,138,580	824,443,537	27,210,070	87,072,744
1896.	427,684,346	2,283,875,165	707,546,404	24,369,017	69,695,223
1897.	530,149,168	1,902,967,933	698,767,809	7,363,324	66,685,127
1898.	675,118,705	1,924,184,660	730,906,643	25,657,522	55,792,257
1899.	547,303,846	2,078,143,933	796,177,713	23,961,741	73,381,563
1900.	522,229,505	2,105,102,516	809,125,989	23,995,927	58,925,833
1901.	748,460,218	1,522,519,891	736,808,724	30,344,830	109,932,924
1902.	670,065,000	2,523,648,812	987,842,712	33,630,592	134,954,023
1903.	637,821,835	2,244,176,925	784,094,190	29,363,416	131,861,391
1904.	552,399,517	2,467,480,934	894,595,552	27,234,565	139,748,958
1905.	692,979,489	2,707,993,540	953,216,197	27,616,455	136,651,020
1906.	735,260,970	2,927,416,091	964,904,523	33,374,833	178,916,484
1907.	634,987,000	2,592,320,000	754,443,000	31,566,000	153,597,000
1908.	661,602,000	2,668,651,000	807,156,000	31,851,000	166,756,000
1909.	683,350,000	2,552,190,000	1,007,129,000	29,520,000	176,321,000
1910.	635,121,000	2,886,260,000	1,186,341,000	34,897,000	173,832,000
1911.	621,338,000	2,531,488,000	922,298,000	33,119,000	160,240,000
1912.	730,267,000	3,124,746,000	1,418,337,000	35,664,000	223,824,000
1913.	763,380,000	2,446,988,000	1,121,768,000	41,381,000	178,189,000
1914.	891,017,000	2,672,804,000	1,141,060,000	42,779,000	194,953,000
1915.	1,011,505,000	3,054,535,000	1,540,362,000	49,190,000	237,009,000
1916.	639,886,000	2,533,241,000	1,251,992,000	47,383,000	150,927,000
1917.	636,655,000	3,065,233,000	1,592,740,000	62,933,000	211,759,000
1918.	917,100,000	2,582,814,000	1,538,359,000	89,103,000	256,375,000

FARM TENURE—WHITE AND COLORED.

In the United States at the last census 5,540,619 farms were in the hands of white farmers and 920,883 farms were in the hands of colored farmers. White owners cultivating their own farms were 3,707,501, and colored farmers cultivating their own farms were 241,221. White farm managers conducted 56,560 farms and 1,544 colored men managed other people's farms. There were 1,676,558 farms rented by white tenants and 678,118 farms rented by colored tenants.

WHITE FARMERS. COLORED FARMERS.

State.	Owners.	Mgrs.	Tenants.	Mgrs.	Tenants.
ALA.	86,347	594	65,017	17,082	52
ARIZ.	5,054	152	818	3,149	1
ARK.	91,987	717	58,381	14,662	46
CALIF.	65,694	3,355	16,070	938	62
COLO.	36,527	786	8,283	4,666	1
CONN.	23,155	937	2,610	79	12
DEL.	5,772	137	4,035	406	16
D. C.	110	14	81	8	1
FLA.	28,101	1,174	6,020	7,298	101
GA.	82,930	1,296	84,214	15,698	123
IDAHO.	26,826	450	3,126	343	62
ILL.	144,318	2,368	103,761	789	18
IND.	148,029	2,282	64,369	472	15
IOWA.	132,867	1,924	82,052	136	2
KAS.	110,010	1,314	64,826	1,098	21
KY.	164,403	853	82,069	5,929	40
LA.	42,264	873	22,530	10,725	77
MAINE.	56,429	998	2,560	25	1
MD.	29,569	901	12,081	3,950	87
MASS.	31,966	1,850	2,968	100	4
MICH.	171,525	1,952	32,537	785	9
MINN.	211,910	1,220	32,714	194	2
MISS.	67,040	719	41,886	25,026	106
MO.	190,176	1,960	81,442	2,109	41
MONT.	22,198	502	2,318	1,167	3
NEB.	78,881	986	49,349	369	1
NEV.	2,023	130	325	152	1
N. H.	24,481	680	1,887	12	1
N. J.	23,868	1,033	8,110	265	27
N. M.	31,277	317	1,934	2,121	4
N. Y.	165,864	4,037	44,755	808	14
N. C.	123,877	1,014	63,148	21,443	74
N. D.	62,485	482	10,650	727	2
OHIO.	190,791	2,725	76,579	1,813	28
OKLA.	74,250	624	94,643	11,150	27
ORE.	37,318	839	6,718	478	8
PENN.	163,888	3,930	50,931	321	31
R. I.	4,958	251	1,932	24	12
S. C.	43,978	732	34,926	20,372	131
S. D.	55,248	422	10,166	2,736	7
TENN.	133,425	775	73,504	10,700	51
TEX.	174,631	2,251	170,970	21,232	81
UTAH.	19,546	193	1,661	216	1
VA.	101,436	1,445	33,023	32,228	180
VT.	28,018	635	4,006	17	1
WASH.	46,804	950	7,313	701	11
W. VA.	75,420	865	19,692	558	7
WIS.	150,473	1,447	24,616	549	4
WYO.	9,781	310	894	61	1
U. S.	3,707,501		1,676,558	1,544	
U. S.	56,560		241,221	678,118	

IMPROVED AND UNIMPROVED LAND.

NOTE.—Farm land is divided by the Census Department into three classifications: 1. Improved land includes all land regularly tilled or mowed, land pastured and cropped in rotation, land lying fallow, land in gardens, orchards, vineyards and nurseries and land occupied by farm buildings. 2. Woodland includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products. 3. Unimproved land includes brush land, rough or stony land, swamp land and any other land which is not inclosed or is in forests.

State.	Farms.	Acreage in improved.	Acreage in unimproved.
ALA.	20,732,312	9,693,581	9,444,764
ARIZ.	1,246,613	350,173	100,061
ARK.	27,931,444	11,389,894	4,541,767
CALIF.	13,532,113	4,302,101	891,698
CONN.	2,185,788	988,253	757,743
DEL.	1,038,866	713,538	252,034
D. C.	6,063	5,133	689
FLA.	5,253,538	1,805,108	3,007,638
GA.	26,953,113	12,298,917	13,002,741
IDA.	5,283,604	2,778,740	584,556
ILL.	32,252,937	28,048,323	3,147,879
IND.	21,299,823	16,931,252	3,370,791
IA.	33,930,683	29,491,199	2,314,115
KAS.	43,384,799	29,904,067	1,205,910
KY.	22,189,127	14,354,471	6,951,626
LA.	10,439,481	5,276,016	4,316,561
ME.	6,296,859	2,360,657	2,775,621
MD.	5,057,140	3,354,767	1,467,333
MAS.	2,875,941	1,161,501	1,064,583
MCH.	18,940,614	12,832,078	2,927,554
MIN.	27,675,823	19,643,533	3,932,391
MISS.	18,557,533	9,008,310	7,883,558
MO.	34,691,248	24,581,156	8,918,972
MONT.	13,545,603	3,840,395	505,870
NEB.	38,622,061	24,382,577	803,206
NEV.	2,714,757	732,117	49,209
N. H.	2,249,458	929,185	1,562,389
N. J.	2,573,857	1,803,336	538,131
N. M.	1,127,021	1,467,191	1,991,025
N. Y.	22,030,367	14,844,039	4,436,145
N. C.	22,139,129	8,813,056	12,515,739
N. D.	28,426,650	20,455,092	421,677
O.	24,105,708	19,227,969	3,285,376
OKL.	38,899,335	17,551,337	3,568,910
ORE.	11,685,110	4,274,803	2,327,826
PA.	18,586,832	12,673,519	4,289,439
R. I.	443,308	178,344	185,909
S. C.	13,512,028	6,097,999	6,339,142
S. D.	26,910,892	15,287,208	383,144
TEN.	20,441,657	10,890,484	8,007,733
TX.	112,435,067	27,360,666	27,658,413
UTAH.	337,699	1,368,211	145,510
VT.	4,663,577	1,633,965	1,566,698
VA.	19,495,636	9,870,038	8,414,680
WASH.	11,712,235	6,873,311	1,541,551
W. VA.	10,026,142	5,521,757	3,968,836
WIS.	21,060,066	11,907,606	5,877,580
WYO.	8,543,010	1,256,160	252,152
	878,798,323	190,865,558	209,481,022

FOOD SUPPLIES OF COUNTRIES.

The following table gives estimated values of relative imports, exports and production of foodstuffs in the countries named (on the basis of 100 representing their consumption) prior to the outbreak of the war. It may surprise some persons to observe that before the war the United States imported more foodstuffs than she exported. The principal exports of foodstuffs from the United States are grain and meats, but these did not equal in value the imports of sugar and coffee. In addition to these much of our exports are tropical or subtropical fruits.

Index Numbers of Foodstuffs Imported, Exported, Produced and Consumed, Furnished by the United States Department of Agriculture.

Countries.	Consumption.	Imports.	Exports.	Production.
UNITED KINGDOM.	100	56.3	9.1	52.8
FRANCE.	100	12.2	5.7	93.5
RUSSIA.	100	2.8	12.4	109.6
UNITED STATES.	100	62.8	20.1	57.3
CANADA.	100	10.2	7.4	97.2
ARGENTINA.	100	12.5	35.3	122.8
GERMANY.	100	20.8	8.4	87.6
AUSTRIA-HUNGARY.	100	7.8	6.2	98.4

Cabbage Crop, 1915-16.

There was considerable difference, one year with another. In 1915 the production was 9.7 tons per acre; in 1916 the production was reduced to 6.2 tons per acre. In 1915 the ground harvested was 69,400 acres, and in 1916 only 40,100 acres were harvested.

State.	1915. Yield Per Acre.	1915. Production.	1916. Yield Per Acre.	1916. Production.
COLO.	10.8	39,700	10.3	32,900
IND.	5.0	6,500	3.5	3,900
IOWA.	10.0	28,400	6.5	10,800
MICH.	9.0	41,400	7.1	17,400
MINN.	9.0	21,000	6.4	9,700
N. Y.	10.0	359,000	5.4	96,200
OHIO.	7.0	27,100	5.3	11,900
VA.	9.0	12,900	7.1	6,100
WIS.	10.0	134,600	6.3	58,000
Nine States.	9.7	670,600	6.2	247,000

(CONTINUED FROM PAGE 16.)

SNYDER, DR. H. L., Pure-Bred Percheron Horses, WINFIELD, KAS.
Sutton Ranch, Angus Cattle, Russell, Kas.
STEGELIN, ED., Breeder of Polled Durham Cattle, STRAIGHT CREEK, KAS.
STUBB'S FARM, Breeders of Holstein Cattle, MULVANE, KAS.
TAYLOR, C. W., Pearl Herd of Shorthorn Cattle, ABILENE, KAS.
WALKER, PHIL., Breeder of Jacks and Jennets, MOLINE, KAS.
WAYDE, E. M., Pure-Bred Poland-China Hogs, BURLINGTON, KAS.
WHITE, D. J., Breeder of Aberdeen-Angus Cattle, CLEMENTS, KAS.
WOODDELL, G. B., Breeder of Duroc-Jersey Swine, WINFIELD, KAS.
WOOD'S DUROC FARM (F. F. WOOD, Prop.), Duroc-Jersey Swine, WAMEGO, KAS.

KENTUCKY.

ARBuckle, M. B., Breeder of Pure-Bred Shorthorn Cattle, RICHMOND, KY.
ASBURY, H. T., Breeder of Pure-Bred Shorthorn Cattle, AUGUSTA, KY.
BASS, S. A., Breeder of Pure-Bred Shorthorn Cattle, RUSSELLVILLE, KY.
BEAN, W. E., Live Stock Buying Agent, MT. STERLING, KY.
BIGSTAFF, T. J., Pure-bred Poland-Chinas, MT. STERLING, KY.
BLACKERBY, R. M., Breeder of Pure-Bred Shorthorn Cattle, STANFORD, KY.
BYRNE, L. L., Breeder of Pure-Bred Shorthorn Cattle, UNIONTOWN, KY.
CALLAWAY, J. H., Breeder of Shorthorn Cattle, SMITHFIELD, KY.
CARNES, J. T., Breeder of Pure-Bred Shorthorn Cattle, MENTOR, KY.
CARPENTER, C. C., Breeder of Jacks and Jennets, R. R. 2, HOUSTONVILLE, KY.
CLARKSON, R. C., Breeder of Shorthorn Cattle, LEBANON, KY.
CONNER, HUBERT, Pure-bred Holstein Cattle, BURLINGTON, KY.
COOK FARM, THE, Mammoth Jacks, Saddle and Show Horses, LEXINGTON, KY.
CURD, NAT. B., Live Stock and Real Estate Auctioneer, BOWLING GREEN, KY.
DAWSON, MRS. CLARENCE, White Wyandottes, R. R. 3, SHEPHERDSVILLE, KY.
DENNY, W. B., Breeder of Red Berkshire Swine, R. R. 1, LANCASTER, KY.
FELTNER, AUBREY B., Breeder of Pure-Bred Poland-China Swine, LONDON, KY.
FISCHER, SAM. & SONS, Breeders of Shorthorns and Polled Durhams, TUNNEL HILL, KY.
FOREST HOME FARMS, McKee Bros., Props., Duroc-Jerseys, VERSAILLES, KY.
Gager, C. E., Shorthorns, Paris, KY.
GILTNER, R. R., Breeder of Kentucky Herefords, EMINENCE, KY.
GODDARD, R. E., Dealer in Harness and Saddle Horses, HARRODSBURG, KY.
GLENWORTH FARMS, A. S. Edelen, Owner, Kentucky Stallions, Mares and Geldings, also Jack Stock, BURGIN, KY.
HAINLINE, C. B., Breeder of Jacks and Jennets, R. R. 6, MT. STERLING, KY.
HAMMAN, MRS. H. J., Barred Plymouth Rocks, CLOVERPORT, KY.
HANCOCK, A. B., Breeder of Pure-Bred Shorthorn Cattle, PARIS, KY.
HENGST, F. D., Live Stock Auctioneer, 35 Paul Jones Bldg., LOUISVILLE, KY.
HOLMAN, W. A., Live Stock and Farm Auctioneer, ADAIRVILLE, KY.
HOWARD, S. J., Breeder of O. I. C. Swine, HENDERSON, KY.
HUTSELL, J. M., Breeder of Mammoth Jacks, R. R. 3, MT. STERLING, KY.
IGLEHEART, COL. H. L., Live Stock Auctioneer, ELIZABETHTOWN, KY.

JOHNSON, W. W., Registered Poland-China Hogs, DANVILLE, KY.
JONES, W. M., & SON, Horse Breeders and Dealers, NORTH MIDDLETOWN, KY.
KENTUCKY JACK FARM (J. E. Wright, Owner), Breeder of Mammoth Jacks and Jennets, JUNCTION CITY, KY.
KENTUCKY PURE-BRED LIVE STOCK ASSOCIATION. All Kinds of Pure-bred Live Stock. Write For Sale Bulletin, L. B. Shropshire, Secretary, Republic Bldg., LOUISVILLE, KY.
KERFOOT, J. O., Jersey Cattle and Duroc-Jersey Hogs, R. R. 3, ELIZABETHTOWN, KY.
LAND, A. M., & CO., Pure-bred Jacks and Jennets, NICHOLASVILLE, KY.
LONGVIEW STOCK FARM, Angus Cattle and Berkshires, SHEPHERDSVILLE, KY.
MARAMAN, GEO. W., & SONS, Chester White and O. I. C. Hogs, SHEPHERDSVILLE, KY.
MARVIN, C. E., Breeder of Shetland Ponies, PAYNES DEPOT, KY.
MAYES, E. S., Breeder of Duroc-Jersey Swine, SPRINGFIELD, KY.
MAYFIELD FARM, Breeders of Duroc-Jersey Swine, LEXINGTON, KY.
Mixer Farms, Guernseys, Hardwick, Kas.
MOORELAND, R. E., Harness and Saddle Horses, LEXINGTON, KY.
MORTON, W. WARREN, Spotted Polands and Tamworth Swine, RUSSELLVILLE, KY.
NEWMAN & BOWLES, Breeders of Holstein Cattle, BARDSTOWN, KY.
NORTHCUTT, JOHN K., Durocs and Shorthorns, CYNTHIANA, KY.
PEMBERTON, C. L., Dealer in Gaited Saddle Horses, ELIZABETHTOWN, KY.
PRICE, W. B., Eminence Stock Farm, Holsteins, EMINENCE, KY.
ROARING BROOK FARM, Saddle Horses, Shorthorn and Jersey Cattle, BURGIN, KY.
SAUNDERS, U. G., Springdale Stock Farm, Hereford Cattle, LEXINGTON, KY.
SHEEHAN, JOHN A., Grover of Sweet Clover Seed, R. 4, FALMOUTH, KY.
SIMPSON, JOHN W., Saddlers' and Jacks and Jennets, BRONSTON, KY.
SHROPSHIRE, W. G., Breeder and Dealer in Saddle Horses, WINCHESTER, KY.
TURLEY, W. B., Kentucky Red Berkshires, RICHMOND, KY.
VAUGHAN, EDGAR, Registered Jersey Cattle, SHELBYVILLE, KY.
VEATCH, J. A., & CO., Jennets and Mules, HARRODSBURG, KY.
WILSON, J. H., Pure-bred Hereford Cattle, EMINENCE, KY.
WRAY, WILL T., Enterprise Farms, Russian Sunflowers, BARDWELL, KY.

LOUISIANA.

BALLANCE, J. H., Breeder of Pure-Bred Poland-China Swine, ALEXANDRIA, LA.
COMPTON, J. T., Breeder of Pure-Bred Berkshire Swine, ALEXANDRIA, LA.
JARMAN, W. A., Breeder of Pure-Bred Poland-China Swine, DUBACH, LA.
LE BLANC, OVIDE, Breeder of Pure-Bred Poland-Chinas, YOUNGSSVILLE, LA.
LEVER, H. W., Breeder of Pure-Bred Berkshire Swine, ROBSON, LA.
LEWIS, A. W., Breeder of Pure-Bred Poland-China Swine, LOGANSFORD, LA.
MAXWELL, J. S., Breeder of Pure-Bred Poland-China Swine, MINDEN, LA.
MORRIS, RUFUS, Breeder of Pure-Bred Berkshire Swine, BON AMI, LA.
O'BANNON, ERNEST, O'Bannon's No-Chop Cotton Seed, HOMER, LA.
PARKER STOCK FARM, Duroc Swine and Hereford Cattle, ST. FRANCISVILLE, LA.
RICKS, STOREY, Breeder of Pure-Bred Shorthorn Cattle, GRAND CANE, LA.
ZEAGLER, B. E., Breeder of Pure-Bred Poland-China Swine, OLLA, LA.

MAINE.

BANGS, C. W., Breeder of Pure-Bred Shorthorn Cattle, FREEDOM, ME.
 BEACHY, SILAS C., Breeder of Pure-Bred Shorthorn Cattle, ACCIDENT, ME.
 CURTIS, E. B., Breeder of Pure-Bred Hampshire Down Sheep, HARRINGTON, ME.
 FLETCHER, J. V., Breeder of Pure-Bred Shorthorn Cattle, ANSON, ME.
 GLIDDON, S. J., Breeder of Pure-Bred Shorthorn Cattle, FREEDOM, ME.
 HILTON, WILBUR, Breeder of Pure-Bred Hampshire Down Sheep, ANSON, ME.
 HOYT, P. L., Breeder of Pure-Bred Berkshire Swine, PRESQUE ISLE, ME.
 LONG BRANCH FARM (W. B. Kendall, Prop.), Breeders of Shropshire, Cheviot, Hampshire and Dorset Sheep, BOWDOINHAM, ME.
 RICHARDSON, FRED L., Breeder of Pure-Bred Shorthorns, KENDUSKEAG, ME.
 WOODBURY, CHAS. P., Breeder of Pure-Bred Shorthorn Cattle, FREEDOM, ME.

MARYLAND.

ABRY, PHILIP K., Breeder of Pure-Bred Berkshire Swine, EASTON, MD.
 BRYAN, FELIX, Breeder of Pure-Bred Berkshire Swine, NEW BLOOMFIELD, MD.
 CRAIN, ROBERT, Breeder of Pure-Bred Shorthorn Cattle, MOUNT VICTORIA, MD.
 DOUGHOREGAN MANOR FARM, Charles F. Haight, Mgr., Breeder of Superior Milking Shorthorns, ELLICOTT CITY, MD.
 ELKTON FARMS, Breeder of Pure-Bred Berkshire Swine, ELKTON, MD.
 HOBBS, JAMES, Shropshire Sheep, Hampshires, Dorsets, Southdowns and Cotswolds, all Pure-Bred, 2112 Mount Royal Terrace, BALTIMORE, MD.
 HUTTON, F. C., Breeder of Pure-Bred Berkshire Swine, CLOPPER, MD.
 JAVA FARM, High Grade Holsteins, Contees Wharf, ANNAPOLIS, MD.
 MERRYMAN, LOUIS McL., Pure-Bred Guernsey Cattle, COCKEYSVILLE, MD.
 VALLEY MILL FARM, Danish S. C. White Leghorns, SILVER SPRING, MD.

MASSACHUSETTS.

ANDERSON, JOHN S., Breeder of Pure-Bred Shorthorns, SHELburne, MASS.
 BALLOU, C. E. & SON, Breeders of Pure-Bred Shorthorns, GREENFIELD, MASS.
 BARNARD, D. T., Breeder of Pure-Bred Shorthorn Cattle, SHELburne, MASS.
 BROWN, IDE, Breeder of Pure-Bred Shorthorn Cattle, ROWE, MASS.
 COLE, E. D., Breeder of Pure-Bred Shorthorn Cattle, SOUTH BARRE, MASS.
 DOLE, STEVENS F., Breeder of Pure-Bred Shorthorn Cattle, SHELburne, MASS.
 FISH, GEO. H., Breeder of Pure-Bred Berkshire Swine, ORANGE, MASS.
 GALE, P. S., Breeder of Pure-Bred Shorthorn Cattle, PETERSHAM, MASS.
 HARRIS, E. A., Breeder of Pure-Bred Shorthorn Cattle, AMHERST, MASS.
 HOOD FARM, Breeders of Berkshire Swine and Jersey Cattle, LOWELL, MASS.
 KNIGHT, H. W. See card of Overlook Orchards, LITTLETON, MASS.

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MICHIGAN.

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 AMERICAN HAMPSHIRE SHEEP ASSOCIATION, Comfort A. Tyler, Secretary, 36 Woodland Ave., DETROIT, MICH.
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 BALDWIN, ALVIN, Breeder of Wildwood Farm Jersey Cattle, CAPAC, MICH.
 BIDWELL STOCK FARM, Breeder of Pure-Bred Shorthorns, TECUMSEH, MICH.
 BIGELOW'S HOLSTEIN FARMS, Pure-Bred Holstein Cattle, BREEDSVILLE, MICH.
 BLOOMINGDALE FARMS, Holstein Cattle, BLOOMINGDALE, MICH.
 BRADFORD, EDWIN, Breeder of Pure-Bred Shorthorn Cattle, BELDING, MICH.
 BRADLEY, FRANK L., Breeder of Pure-Bred Shorthorn Cattle, CHARLOTTE, MICH.
 BROOKWATER FARM, Herbert W. Mumford, Owner, J. Bruce Henderson, Mgr., Breeders of Register of Merit Jersey Cattle, R. 7, ANN ARBOR, MICH.
 BURCH, MRS. W. W., Pure-bred Shetland Sheep, R. 3, COOPERSVILLE, MICH.
 CARPENTER GRAIN COMPANY, Seed Corn in Car-Loads, BATTLE CREEK, MICH.
 CLARK, GLEN, Breeder of Pure-Bred Guernsey Cattle, EAU CLAIRE, MICH.
 CLARKE, GEO. D., Registered Holstein Bull Calves, VASSAR, MICH.
 CLUNY STOCK FARM, R. Bruce McPherson, Holstein Cattle, HOWELL, MICH.
 COOK, M. P., Breeder of Pure-Bred Shorthorn Cattle, FLINT, MICH.
 CRAMPTON, H. C., Breeder of Pure-Bred Shropshire Sheep, R. R. 1, ELBA, MICH.
 CRANDALL & SON, Breeders of O. I. C. Swine, CASS CITY, MICH.
 CURTIS, D. A., Stock and Grain Farmer, R. R. 2, ADDISON, MICH.
 EBELS, JOHN, Breeder of Registered Guernsey Cattle, R. 2, HOLLAND, MICH.
 Emblegaard Dairy, Holsteins, Marquette, Mich.
 FOX, IRVIN, Breeder of Pure-Bred Jersey Cattle, R. 3, ALLEGAN, MICH.
 GEARHART, E. H., & SON, Oak Leaf Farm Holsteins, R. 4, MARCELLUS, MICH.
 GILMORE BROS., Breeders of Pure-Bred Guernsey Cattle, CAMDEN, MICH.
 GRIFFIN, WM., Pure-Bred Holstein Cattle, R. 5, HOWELL, MICH.
 HARDY, E. A., Breeder of Quality Holsteins, ROCHESTER, MICH.
 HATHAWAY, GEO., & SON, Breeders of "Cloverly" Angus Cattle, OVID, MICH.
 HICK'S GUERNSEY FARM, Blood of World Champions, SAGINAW, W. S., MICH.
 HICKS, T. V., Glenwood Herd Guernsey Cattle, BATTLE CREEK, MICH.
 KINNE, Z., Breeder of Pure-Bred Poland-Chinas, THREE OAKS, MICH.
 KUNEY, L. R., Cotswold, Lincoln, Leicester, Hampshire and Shropshire Sheep, all Registered, with papers, ADRIAN, MICH.
 LANG BROS., Breeders of Aberdeen-Angus Cattle, DAVISON, MICH.
 McLAULIN, M. L., Breeder of Pure-Bred Holstein Cattle, REDFORD, MICH.
 NATIONAL LINCOLN SHEEP BREEDERS' ASSOCIATION, Bert Smith, Secretary, CHARLOTTE, MICH.
 NOTTEN FARM, Breeders of Pure-Bred Jersey Cattle, GRASS LAKE, MICH.

PARHAM, R. B., Holstein Cattle and Chester White Swine, BRONSON, MICH.

PEACELAND STOCK FARM, C. L. Brody, Owner, Charles Peters, Herdsman, Breeders of Registered Holstein Cattle,

THREE RIVERS, MICH.

READER, W. B., Breeder of Pure-Bred Holstein Cattle, HOWELL, MICH.

RIVERVIEW FARM, Breeders of Pure-Bred Holstein Cattle, VASSAR, MICH. Shinglebrook Farm, Cattle, Shelburne, Mass.

SMITH & PARKER, Breeders of Pure-Bred Jersey Cattle, R. 4, HOWELL, MICH.

WILDWOOD FARMS, Sidney Smith, Supt., W. E. Scripps, Prop., Aberdeen-Angus Cattle and Duroc-Jersey Hogs, ORION, MICH.

WILLIAMS, J. M., Breeder of Registered Guernseys, NORTH ADAMS, MICH.

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WOODCOTE STOCK FARM, Fashionable Strains Aberdeen-Angus, IONIA, MICH.

MINNESOTA.

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AVERY, WALTER G., Breeder of Shropshire Sheep, WEST CONCORD, MINN.

BAKER, H., Breeder of Duroc-Jersey Swine, EDGERTON, MINN.

BALTUS, MATT, Spring Park Stock Farm, Chester Swine, STEWART, MINN.

BAUMANN, JACOB, Breeder of Pure-Bred Shorthorn Cattle, TENNEY, MINN.

CARROLL, M., Breeder of Duroc-Jersey Swine, BALATON, MINN.

CASTERTON, LAWRENCE, Breeder of Pure-Bred Shorthorns, PROSPER, MINN.

CHAPMAN, A. B., Pure-Bred Poland-China Swine, MANKATO, MINN.

CULBERTSON, R. W., Auctioneer Durocs, Shorthorns, Horses, ROCHESTER, MINN.

EMERY, E. E., Pure-Bred Holstein Cattle, STANTON, MINN.

FERGUSON BROS., Pure-Bred Hereford Cattle, CANBY, MINN.

GOODHUE, H. & R. B., Pure-Bred Holstein Cattle, DENNISON, MINN.

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GUMMERT, C. F., Pure-Bred Poland-China Pigs, RENVILLE, MINN.

HARMON, LOUIS, Breeder of Pure-Bred Shorthorn Cattle, CORNELL, MICH.

HANSON, H. A., Poland-China Swine, R. 5, MANKATO, MINN.

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HOWE, L. A., Big-Type Chester White Swine, ST. JAMES, MINN.

JEANS, WM., Pure-Bred Holstein Cattle, WITTHROW, MINN.

JOHNSON, JULIUS, Pure-Bred Chester White Hogs, SLEEPY EYE, MINN.

LASBY & ROSE, Big Quality Poland-Chinas, MANKATO, MINN.

NELSON PONY FARM, Breeder of Pure-Bred Shetlands, TAMARACK, MINN.

NICHOLSON, F., & SON, Pure-Bred Duroc-Jersey Swine, LYND, MINN.

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STENBERG, HENRY, Pure-bred Scotch Shorthorns, ELMORE, MINN.

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TILNEY FARMS, THE, Roy F. Crowley, Gen. Mgr., Duroc-Jerseys, ST. JAMES, MINN.

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WINSHIP STOCK FARM, Pure-bred Holstein Cattle, OWATONNA, MINN.

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Aubuchon, N. A., Shorthorns, Brickeys, MO.

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BASS, L. D., Breeder of Hereford Cattle, COLUMBIA, MO.

BECK, ERNEST, Flowers, Carnation Specialist, LEBANON, MO.

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BROWNING, N. D., Breeder of Berkshire Swine, JACKSON, MO.

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BURKS, W. H., & SON, Polands and Duroc-Jerseys, BOLIVAR, MO.

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DERBY, GEO. F., Pure-Bred Holstein Cattle, CAMERON, MO.

DOOLITTLE, W. P., Chester White Swine, WOODLAND, MO.

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ELLIOTT BROS., Breeders of Aberdeen-Angus Cattle, ESTILL, MO.

ELY & MATTESON, Breeders of Poland-China Swine, EDINA, MO.

ENGLE, JESSE, & SONS, Beau Blanchard Herefords, SHERIDAN, MO.

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Evergreen Farm, Shorthorns, Lathrop, MO.

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Harvey, J. H., Chester Swine, Maryville, MO.

HEAD & GRAY, Estelbrook Farm Jerseys, PALMYRA, MO.

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LINHARDT, H. O., Big-Type Poland-Chinas, LOHMAN, MO.

LITRELL, GARRETT, Scotch Shorthorn Cattle, CLARK, MO.

LOHMAN STOCK FARM (H. O. Linhardt), Poland-Chinas, R. R. 1, LOHMAN, MO.

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LONGVIEW FARM, Breeders of Saddle and Harness Horses, LEE'S SUMMIT, MO.
McAnaw, J. H., Chester Swine, Cameron, MO.

McDERMOTT, J. W., Breeder of Shorthorn Cattle, KAHOKA, MO.

McMULLEN, LEONARD, Big-Type Poland-Chinas, SIKESTON, MO.

MARLOW, E. E., & SON, Big-Type Poland-Chinas, WELLSVILLE, MO.

MONSEES, L. M., & SONS, Breeders of Jacks and Jennets, SMITHTON, MO.

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MOORE, E. D., Breeder of Saddle Horses, COLUMBIA, MO.

MORTON, DAVID, Breeder of Hampshire Swine, SAVANNAH, MO.

MUELLER, L. H., Four Square Poultry Farm, WELLSVILLE, MO.

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PETTY, G. E., Poland-China Swine, VERSAILLES, MO.

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ROUNER, GUY T., Big-Type Poland-Chinas, KNOX CITY, MO.

SARGENT, O. G., Big-Type Poland-Chinas, ST. FRANCISVILLE, MO.

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SMILEY, H. W., Spotted Poland-China Swine, VERSAILLES, MO.

Sonnenmoser, R. W., Breeder of Shropshire Sheep, WESTON, MO.

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White Swine, R. 2, CAMERON, MO.
WILCOXEN & PORTER, Duroc-Jersey
Swine, BOWLING GREEN, MO.
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Shorthorn Cattle, COLUMBIA, MONT.
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Shorthorn Cattle, BELGRADE, MONT.
BRUNEAU, A. J., Breeder of Pure-Bred
Shorthorns, GREAT FALLS, MONT.
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Bred Shorthorns, BELGRADE, MONT.
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Shorthorn Cattle, CALVERT, MONT.
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Bred Shorthorns, ARMINGTON, MONT.
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Sheep, BOZEMAN, MONT.
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Bred Shorthorn Cattle, HOBSON, MONT.
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Shorthorn Cattle, PAXTON, MONT.
PETERSON, JOHN, Breeder of Pure-Bred
Shorthorn Cattle, GRANT, MONT.
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Bred Shorthorn Cattle, BELGRADE, MONT.
STOREY, RALPH, Breeder of Pure-Bred
Shorthorn Cattle, BARLEY, MONT.
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Shorthorn Cattle, TWIN BRIDGES, MONT.
WALTER, HUGH, Breeder of Pure-Bred
Poland-China Swine, TOWNSEND, MONT.
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Shorthorn Cattle, CULBERTSON, MONT.
WOODS, FRANK T., Breeder of Pure-Bred
Shorthorn Cattle, BILLINGS, MONT.
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FILLEY, NEB.
KRAUSE, J. H., Stock and Grain Farmer,
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LAMB & CURRENT, Holstein-Friesian
Cattle, TECUMSEH, NEB.
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Swine, DONIPHAN, NEB.
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Bred Berkshire Swine, PETERBORO, N. H.
SPRINGFIELD, GEO. H., Breeder of Pure-
Bred Shorthorn Cattle, ROCHESTER, N. H.
SWAIN, HARRY W., Breeder of Pure-
Bred Shorthorn Cattle, WARREN, N. H.
TUFTS, LEONARD, Breeder of Pure-Bred
Shorthorn Cattle, MEREDITH, N. H.
WATSON, SUMNER W., Breeder of Pure-
Bred Shorthorn Cattle, ROCHESTER, N. H.

NEW JERSEY.

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COLLINS, ARTHUR J., Breeder of Pure-
Bred Jersey Red Swine, MOORESTOWN, N. J.
KNIGHT, A. S., Breeder of Pure-Bred
Berkshire Swine, GLADSTONE, N. J.
PEER, FRANK S., Osceola Farms, Guern-
sey Cattle, CRANFORD, N. J.
STRAWBRIDGE, E. W., Breeder of Pine-
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TIGER, ELLIS, Breeder of Pure-Bred
Hampshire Down Sheep, GLADSTONE, N. J.
TRANQUILITY FARMS (Arthur Danks,
Manager), Breeders of Dorset Sheep,
ALLAMUCHY, N. J.
VIBERT KENNEL, Breeder of Airdale
Terriers, WESTON, N. J.

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Goats, KINGSTON, NEW MEXICO.
BROWN, J. T., Breeder of Pure-Bred
Shorthorns, FULSOM, NEW MEXICO.
COBURN, H. J., Breeder of Pure-Bred
Poland-Chinas, WARREN, NEW MEXICO.
COLLINS, JAMES A., Breeder of Poland-
China Swine, CLOVIS, NEW MEXICO.
COPPS, FRED, Breeder of Pure-Bred
Poland-Chinas, KIRK, NEW MEXICO.
GRIFFITS, D. R., Breeder of Pure-Bred
Poland-Chinas, GLADSTONE, NEW MEXICO.
HAMILTON, H. L., Breeder of Pure-Bred
Shorthorns, TUCUMCARI, NEW MEXICO.

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RAMBOUILLET SHEEP COMPANY, Breed-
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KEYSTONE-DOT RANCH, E. O. TADE,
Mgr., Herefords, MAXWELL, NEW MEXICO.

KIMMONS, J. T., Breeder of Pure-Bred Pol-
land-China Swine, CORONA, NEW MEXICO.

KING, A. L., Breeder of Pure-Bred Poland-
China Swine, TEXICO, NEW MEXICO.

LATHAM & REID, Pure-bred Angoras,
HILLSBORO, NEW MEXICO.

LIBBEY, WALLACE, Mountain View Polled
Herefords, MAXWELL, NEW MEXICO.

LITTLE, SAMUEL, Breeder of Pure-Bred
Poland-Chinas, HAGERMAN, NEW MEXICO.

MITCHELL, T. E., & SON, Hereford
Cattle, ALBERT, NEW MEXICO.

Parks, H. L., Angoras, Hillsboro, New Mexico.

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TRES RITOS CATTLE AND LAND CO.,
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Shorthorns, TUCUMCARI, NEW MEXICO.

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BREW, WM. J., Breeder of Pure-Bred
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Shorthorn Cattle, FREDONIA, N. Y.

CANAHA, JAMES, Breeder of Pure-Bred
Shorthorn Cattle, KENT, N. Y.

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Pure-Bred Shorthorns, CORNING, N. Y.

GALLOWAY, WM., Breeder of Pure-Bred
Shorthorn Cattle, BATAVIA, N. Y.

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HARTSELL, R. L., Breeder of Pure-Bred
Poland-China Swine, MIDLAND, N. C.

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tioneer, MILNOR, N. D.

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WELLINGTON STOCK FARM, Pure-Bred
Holsteins, WELLINGTON, OHIO.

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Shorthorn Cattle, MEDFORD, OKLA.

AUSTIN, CHAS., Breeder of Pure-Bred
Poland-China Swine, RED OAK, OKLA.

BAKER, T. A., Breeder of Pure-Bred
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BALL, FRED S., Auctioneer, Live Stock
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BARKLEY, G. W., Breeder of Pure-Bred
Shorthorn Cattle, SELLING, OKLA.

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Shorthorn Cattle, GOTEBO, OKLA.

BISHOP, E. F., Breeder of Pure-Bred
Shorthorn Cattle, HOBART, OKLA.

BOUSE, R. P., Breeder of Pure-Bred
Shorthorn Cattle, HELENA, OKLA.

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Shorthorn Cattle, CLAREMORE, OKLA.

BREENE, FRANK M., Breeder of Pure-
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BROWDER, J. A., Breeder of Pure-Bred
Shorthorn Cattle, ASHER, OKLA.

BROWNE, V. B., Breeder of Pure-Bred
Shorthorn Cattle, MAY, OKLA.

BRYAN, E. M., Breeder of Pure-Bred
Shorthorn Cattle, LEEDEY, OKLA.

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BURNS, J. A., Breeder of Pure-Bred
Shorthorn Cattle, NOWATA, OKLA.

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Shorthorn Cattle, LONE WOLF, OKLA.

CAVETT, J. F., Breeder of Pure-Bred
Shorthorn Cattle, PAWNEE, OKLA.

CLARK, JOE F. H., Breeder of Duroc-
Jersey Swine, CUSTER CITY, OKLA.

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Shorthorn Cattle, TULSA, OKLA.

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DRUM, F. H., Breeder of Pure-Bred
Shorthorn Cattle, BEAVER, OKLA.

ENGRAM, I. A., Breeder of Pure-Bred
Shorthorn Cattle, EARLSBORO, OKLA.

FILLMORE, D. H., Breeder of Pure-Bred
Shorthorn Cattle, STILLWATER, OKLA.

FINERTY FARMS, Duroc-Jersey Swine,
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GRAHAM, C. A., Breeder of Pure-Bred
Shorthorn Cattle, TULSA, OKLA.

HENTHORN, A. J., Breeder of Percheron
Horses, OKLAHOMA CITY, OKLA.

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and Farm Sales, APACHE, OKLA.

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 LOOKABAUGH, H. C., Breeder of Shorthorn Cattle, WATONGA, OKLA.
 McCORD BROS., Big-Type Poland-China Swine, PAULS VALLEY, OKLA.
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 NORMAN, E. E., Breeder of Pure-Bred Shorthorn Cattle, WEATHERFORD, OKLA.
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 RICHARDSON, D. M., Breeder of Champion Duroc-Jersey Swine, ALTUS, OKLA.
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 TROTTER, JOHN A., Breeder of Pure-Bred Shorthorn Cattle, MANGUM, OKLA.
 WIRICK, J. E., Breeder of Pure-Bred Shorthorn Cattle, CLEO, OKLA.
 YODER, W. W., Breeder of Pure-Bred Shorthorn Cattle, BLANCHARD, OKLA.
 YOUNG, W. G., Breeder of Duroc-Jersey Swine, R. 2, CANUTE, OKLA.
 ZACHARY, W. T., Breeder of Pure-Bred Shorthorn Cattle, MARLOW, OKLA.
 ZALONDEK, J. A., Breeder of Pure-Bred Shorthorn Cattle, HILLSDALE, OKLA.
 ZELLNER, JOHN A., Breeder of Pure-Bred Poland-Chinas, ARDMORE, OKLA.

OREGON.

ALLEN, JESSE, Breeder of Pure-Bred Shorthorn Cattle, WALLOWA, OREGON.
 BARNETT, E. E., Breeder of Pure-Bred Poland-Chinas, PARK PLACE, OREGON.
 BARTON, RALPH A., Breeder of Pure-Bred Shorthorns, FRUITA, OREGON.
 BLEVANS, S. A., Breeder of Pure-Bred Shorthorn Cattle, JOSEPH, OREGON.
 BOYCE, R. E., Breeder of Shorthorn Cattle, BAKER, OREGON.
 BOYD, DANIEL, Breeder of Pure-Bred Shorthorn Cattle, ENTERPRISE, OREGON.
 BROWN, FRANK, Breeder of Pure-Bred Shorthorn Cattle, CARLTON, OREGON.
 BROWN, RANDOLPH, Pure-Bred Ayrshires, R. 3, JUNCTION CITY, OREGON.
 BRUGGER, THEO., Brown Swiss Stock Farm, R. R. 3, GRESHAM, OREGON.
 BURT, G. W., White Leghorn Baby Chicks, ROSEBURG, OREGON.
 CARMICHAEL, THOS., Pure-Bred Holstein Cattle, GASTON, OREGON.
 CARY, ED., Pure-Bred Jersey Cattle, CARLTON, OREGON.
 CLARK, W. H., Breeder of Pure-Bred Shorthorn Cattle, LENA, OREGON.
 CONLEY, ARCHIE, Pure-Bred Chester White Swine, COVE, OREGON.
 CRAFT, W. A., Breeder of Pure-Bred Poland-Chinas, SHERIDAN, OREGON.
 CUMMINGS, W. O., Breeder of Pure-Bred Shorthorn Cattle, MT. VERNON, OREGON.
 DICKSON, J. M. & SON, Ashburn Farm Jerseys, SHEDD, OREGON.
 DOERFLER, F. A., Mellow Lawn Jerseys, SILVERTON, OREGON.
 EASTERN OREGON JACK FARM, B. F. Swaggart, Prop., LEXINGTON, OREGON.
 FOX, RAY J., Breeder of Pure-Bred Poland-China Swine, LYONS, OREGON.
 FRUITTS, J. M., Breeder of Hampshire Swine, ENTERPRISE, OREGON.
 GRANT, U. S., Breeder of Registered Angoras, DALLAS, OREGON.
 GREEN, W. E., Breeder of Pure-Bred Shorthorn Cattle, UNION, OREGON.

HARRISON, J. C., Breeder of Pure-Bred Poland-China Swine, SHEDDS, OREGON.
 HUBBARD, J. G. S. & SONS, Hampshire, Southdown and Lincoln Sheep, MONROE, OREGON.
 HULBERT, RILEY E., Breeder of Jersey Cattle, ALBANY, OREGON.
 HUNTER, A. R., Hunter Ranch Percherons, ISLAND CITY, OREGON.
 JOHNSON, ERNEST, Pure-Bred Holstein Cattle, SCAPOOSE, OREGON.
 LADD FARM, Breeder of Jersey Cattle, OSWEGO, OREGON.
 Mann, J. M. Milch Goats, Portland, OREGON.
 McARTHUR & STAUFF, Ashwood Farm Jerseys, RICKREALL, OREGON.
 METZ—S. METZ & SONS, Percheron, Belgian and Shire Stallions and Mammoth Kentucky Jacks, PENDLETON, OREGON.
 MIDDLEDALE FARMS GUERNSEYS, May Rose Breeding, GOSHEN, OREGON.
 MORROW, W. O. A. J. C. C. Jersey Cattle, INDEPENDENCE, OREGON.
 MOUNTAIN BROOK POULTRY FARM, Mr. and Mrs. W. A. Newton, MYRTLE CREEK, OREGON.
 NEEDHAM, FRANK, Breeder of Poland-China Swine, EUGENE, OREGON.
 NEUENSCHWANDER, WM., Pure-Bred Yorkshire Swine, GASTON, OREGON.
 PICKARD BROS., Golden Glow Jerseys, MARION, OREGON.
 PIERCE, F. A., Breeder of Angora Goats, ISOLATE, OREGON.
 POLLMAN, WM., Stock and Grain Farmer, P. O. Box 276, BAKER, OREGON.
 RHOTEN FARM, Vetch, Clover, Timothy, SALEM, OREGON.
 RIDDELL—WM. RIDDELL, JR., Romney Cattle, MONMOUTH, OREGON.
 SCHOEL, ED., Blue Ribbon Chester White Swine, SUVER, OREGON.
 SENDERS, M., & CO., Red and Alsike Clover, ALBANY, OREGON.
 SMITH, "THE CALF MAN," Dairy Calves a specialty, TILLAMOOK, OREGON.
 SITTON, MRS. E. D., Mammoth White Holland Turkeys, CARLTON, OREGON.
 STARK, C. A., Barred Plymouth Rocks, Box 242, SUTHERLIN, OREGON.
 STUMP—J. B. STUMP & SON, Jersey Cattle, MONMOUTH, ORE.
 STUMP, JNO. B., Angora Goat Breeder, MONMOUTH, OREGON.

WERNER, ERNEST, Breeder of Record Holsteins, AURORA, OREGON.
 WESTERNWOLD RANCH, Pure-Bred Holstein Cattle, PRINEVILLE, OREGON.
 WILLARD, HERBERT, Pure-Bred Poland-China Swine, DAYTON, OREGON.
 WOOD, EARL, Pure-Bred Berkshire Swine, SILVERTON, OREGON.
 Zyesett, S. F., Angoras, Thomas, OREGON.

PENNSYLVANIA.

AKELEY, FRANK, Breeder of Pure-Bred Shorthorn Cattle, RUSSELL, PA.
 ALBRO, B. C., Breeder of Pure-Bred Shorthorn Cattle, COLUMBUS, PA.
 ANDREWS, WM. H., Breeder of Pure-Bred Shorthorns, CONNEAUT LAKE, PA.
 ARCADIA FARM, Chester White Swine and Collie Dogs, BALLY, PA.
 BAYARD BROS., Breeders of Aberdeen-Angus Cattle, WAYNESBURG, PA.
 BONNYMEAD'S FARM, Holstein and Guernsey Cattle, R. 1, HARRISBURG, PA.
 CAMPBELL, C. G., Breeder of Pure-Bred Shorthorn Cattle, NEW SHEFFIELD, PA.
 CARTER, C. H., Whitguern Farm, Big-Type Berkshires, WEST CHESTER, PA.
 DAVIDSON FARM, Breeder of Pure-Bred Jersey Cattle, R. 3, TARENTUM, PA.
 DELCHESTER FARMS (Thos. W. Clark, Manager), Advanced Registry Jersey Cattle, EDMONT, PA.
 GARRETT, C. W., Breeder of Pure-Bred Poland-China Swine, NEW HOPE, PA.

GRAHAM, WM. B., Breeder of Pure-Bred Shorthorn Cattle, BOLIVAR, PA.

HAMILTON, P. E., Poland-Chinas, Berkshires, Chesters and Poultry COCHRANVILLE, PA.

HARRINGTON, JOHN R., Breeder of Pure-Bred Shorthorn Cattle, ALBION, PA.

HERMAN, H. LEE, Breeder of Pure-Bred Shorthorn Cattle, LEWISBURG, PA.

LIMBERT, H. S., Breeder of Registered Shorthorn Cattle, CENTRE HALL, PA.

MELOY, REESE, Breeder of Registered Berkshires, WEST ALEXANDER, PA.

MUNCE, R. L., Breeder of Pure Chester White Swine, CANONSBURG, PA.

MYERS, B. F., Breeder of Pure-Bred Holstein Cattle, CHAMBERSBURG, PA.

OTTO, I. V., Pure-bred Holstein Cattle, CARLISLE, PA.

Penshurst Farm, Ayrshires, Narberth, PA.

RICE, J. W., Pure-Bred and Grade Guernsey Cattle, HARMONSBURG, PA.

RISHEL, W. F., Pure-Bred Berkshire Swine, CENTRE HALL, PA.

SHENANGO RIVER FARMS, Breeder of Duroc-Jerseys, FREDONIA, PA.

STEWART, F., Breeder of Shetlands and Larger Ponies, ESPYVILLE, PA.

TAGGERT, C. L., Breeder of Aberdeen-Angus Cattle, R. 9, WASHINGTON, PA.

WALTER, EDWARD, Breeder of Registered Jersey Cattle, WEST CHESTER, PA.

WHISLER, ELMER D., Chester Whites and Hampshire Sheep, NEWVILLE, PA.

RHODE ISLAND.

BALLOU, F. S., Breeder of Pure-Bred Shropshire Sheep, SLATERSVILLE, R. I.

NORMAN, REGINALD, Breeder of Pure-Bred Dutch Belted Cattle, NEWPORT, R. I.

PERRY, HENRY W., Breeder of Pure-Bred Ayrshire Cattle, WAKEFIELD, R. I.

SUNDERLAND, W. L., Breeder of Registered Ayrshire Cattle, EXETER, R. I.

VANDERBILT, REGINALD C., Breeder of Hackneys, SOUTH PORTSMOUTH, R. I.

SOUTH CAROLINA.

ATCHISON, J. H., Pure-Bred Poland-Chinas, Box 44, R. R. 1, CHAPPELLE, S. C.

BARR, H. C., Breeder of Pure-Bred Poland-China Swine, SPRINGFIELD, S. C.

BREEDEN, J. O., Breeder of Pure-Bred Berkshire Swine, BENNETSVILLE, S. C.

BUCKFIELD STOCK FARM, J. E. Clancy, Mgr., Angus Cattle, YEMASSEE, S. C.

BURGESS, O. M., Breeder of Pure-Bred Poland-Chinas, HICKORY GROVE, S. C.

COPELAND, A. W., Breeder of Pure-Bred Poland-China Swine, PENDLETON, S. C.

CROSS ROAD STOCK FARM, A. R. Kohn, Prop., Poland-Chinas, PROSPERITY, S. C.

DUKES, MARION, Breeder of Pure-Bred Poland-China Swine, ROWESVILLE, S. C.

DUTCH FORK TRUCK FARM, Large English Tamworths, COLUMBIA, S. C.

ENTERPRISE COMPANY, INC., Frost Proof Cabbage Plants, SUMTER, S. C.

HAMPSHIRE HOG FARM, Pure-Bred Hampshire Swine, PROSPERITY, S. C.

HERRIN, R. L., Breeder of Pure-Bred Poland-China Swine, BISHOPVILLE, S. C.

HUMPHREISE, J. L., Breeder of Pure-Bred Poland-China Swine, MAYO, S. C.

KELLETT, J. P., Breeder of Pure-Bred Collie Pups, FOUNTAIN INN, S. C.

McKEOWN, A. MAYO, Breeder of Pure-Bred Poland-China Swine, CORNWELL, S. C.

MIDDLETON FARMS, Breeder of Pure-Bred Berkshire Swine, CLARKS HILL, S. C.

PALMER, B. R. T., Big-Type Poland-China Hogs, R. F. D. 1, McCORMICK, S. C.

RIDGEVIEW HOLSTEIN-FRIESIAN FARM, J. F. Palmer, Prop., Breeder of Registered Holstein-Friesian Cattle, R. F. D. 1, McCORMICK, S. C.

RIDGEWOOD FARM, H. D. Jordan, Prop., Holsteins, RIDGE SPRING, S. C.

SPRING FIELDS FARM, H. Bigelow, Prop., Breeders of Duroc-Jersey Swine, NORTH CHARLESTON, S. C.

TAYLOR PLANTATION, Breeder of Jersey Cattle of the Best Blood, COLUMBIA, S. C.

SOUTH DAKOTA.

ANDERSON, C. M., Pure-Bred Duroc-Jersey Swine, CONDE, S. D.

APPLEBY, H. E., Registered Holstein Bulls, ETHAN, S. D.

ARCADIA FARM (Barron Bros.), Clydesdale Horses, ELKTON, S. D.

BARBER, E. C., Big-Type Poland-China Hogs, ALPENA, S. D.

BARKLEY, GEO. E., Queen City Duroc-Jerseys, SIOUX FALLS, S. D.

BARTELS, C. H., "Prairie View" Duroc-Jerseys, MINA, S. D.

BARTH, PETER, Breeder of Holstein Cattle, MITCHELL, S. D.

BATES, A. K., Breeder of Big Duroc-Jerseys, LETCHER, S. D.

BATES, C. B., Pure-Bred Poland-China Swine, LETCHER, S. D.

BATES, CHAS. F., Pure-Bred Poland-China Swine, LETCHER, S. D.

BATES, O. A., Pure-Bred Berkshire Hogs, LETCHER, S. D.

BATES, S. W., Pure-Bred Duroc-Jerseys, LETCHER, S. D.

BELLE PLAIN YORKSHIRE (SWINE) FARM (W. B. Lawrence & Son), DELAND, S. D.

BRUNNER, F. J., Big-Type Poland-China Swine, HURLEY, S. D.

CHESKEY, CHAS. E., Blue Ribbon (Hereford) Stock Farm, SELBY, S. D.

CLARK, GEO. E., Aberdeen-Angus Cattle, WORTHING, S. D.

CLOVER VIEW FARM (M. P. Bates, Prop.), Breeders of Chester White Hogs and Hereford Cattle, R. 3, LETCHER, S. D.

CRANE, VANCE, Pure-Bred Hereford Cattle, DE SMET, S. D.

DAGGETT, L. E., Pure-Bred Poland-China Swine, MT. VERNON, S. D.

DEXHEIMER, C. P., Sunnyside Stock Farm, Duroc-Jerseys, SPENCER, S. D.

DILWORTH, FRANK J., Pure-Bred Hampshire Swine, SPENCER, S. D.

DRALE, FRED, River Bank Stock Farm, Poland-Chinas, MISSION HILL, S. D.

DUNMIRE, J. M., SONS, Pure-Bred Percherons, SCOTLAND, S. D.

EAGLE, W. S., & SON, Clover Croft Hereford Cattle, WESSINGTON SPRINGS, S. D.

EDELMAN & SONS, Pure-Bred Shorthorn Cattle, MENNO, S. D.

ERION, H. H., Golden Rock Duroc-Jerseys, ROCKHAM, S. D.

ERION, J. M., Breeder of Chester White Swine, MITCHELL, S. D.

ESTABROOK, L. A., Breeder of Pure-Bred Percherons, Shorthorns and Poland-Chinas, CUTHBERT, S. D.

EXCELSIOR STOCK FARM (A. G. Robish & Sons), Herefords and Polands, HAZEL, S. D.

FORD HORSE IMPORTING CO., Percherons and Belgians, PARKER, S. D.

GALE RIDGE STOCK FARM, A. A. Duncan, Prop., Poland-Chinas, EGAN, S. D.

GILBERTSON, E. O., Red Polled Cattle and Duroc-Jerseys, IRENE, S. D.

GILLILAND BROS., Grand View Hereford Cattle, YANKTON, S. D.

GINSBACH, FRANK, Hereford Cattle and Duroc Swine, DELL RAPIDS, S. D.

GLENN, JOHN, & SON, Golden Willow Poland-China Swine, CANISTOTA, S. D.

GRAVES, C. E., "Sprucelawn" Duroc-Jerseys, FULTON, S. D.

GROTH, H. E., Aberdeen-Angus Cattle, FAIRVIEW, S. D.

HILL, W. S., Pure-bred Red Polled Cattle,
ALEXANDRIA, S. D.

HILMOE, JOHN, "Pioneer Hill" Poland-
Chinas, R. 4, COLMAN, S. D.

HOMMERSAND, M. A., Pure-Bred Percheron
Horses, ARLINGTON, S. D.

IVERSON BROS., Salesmen Pure-Bred
Stock, Box 17, SIOUX FALLS, S. D.

JACKSON & WHITE, Urbandale Short-
horns, HURLEY, S. D.

JACOBUS, L. B., Hereford Cattle and
Duroc Swine, LETCHER, S. D.

KENWARD, P. O., Shorthorns and Poland-
Chinas, BROOKINGS, S. D.

KIRCHENMAN, T. H., Breeder of Big-
Type Poland-Chinas, FREEMAN, S. D.

KNUTSON, COL. HENRY, Live Stock and
Real Estate Auctioneer, WAKONDA, S. D.

KREGER, MRS. CHAS., XL Hereford
(Breeding) Ranch, WATERTOWN, S. D.

LANGLEY, S. R., Pure-bred Shropshire
Sheep, WITTEN, S. D.

LARSON, JACOB, Breeder of Improved
Duroc-Jersey Swine, ETHAN, S. D.

LARSON, O. S., Big-Type Poland-Chinas,
MT. VERNON, S. D.

LIEN BROS., Duroc Jerseys and Short-
horns, PLATTE, S. D.

LINDBERG, A. V., Breeders of Duroc-
Jerseys, R. 1, LANGFORD, S. D.

LUND, J. N. P., Breeder of Duroc-Jersey
Swine, GAYVILLE, S. D.

MCPHERSON, R. B., Pure-Bred Hereford
(Anxiety) Cattle, STURGIS, S. D.

MAGNESS BROS., Auctioneers Pure-Bred
Live Stock, ST. LAWRENCE, S. D.

MAGNESS, DICK, Pure-Bred Live Stock
Auctioneer, DE SMET, S. D.

MANDEVILLE, M. M., Oakdale Aberdeen-
Angus Cattle, AURORA, S. D.

MATSON, W. L., Breeder of Duroc-Jersey
Swine, VERMILLION, S. D.

METTLER, ANDREW J., Clover Leaf
Hereford Cattle, MENNO, S. D.

NASH, HUGH B., Pure-Bred Duroc-Jersey
Swine, REDFIELD, S. D.

NELSON, CHRIS. T., Duroc-Jersey Swine,
R. 2, VERMILLION, S. D.

NIMS, F. L., Breeder of Riverside Duroc-
Jersey Swine, CANTON, S. D.

PENALUNA, J. S., & SON, Angus Cattle
and Duroc Swine, LETCHER, S. D.

PETTIGREW, CHARLES E., & SON,
Polled and Horned Herefords,
FLANDREAU, S. D.

PINARD, L. A., Pure-Bred Hereford
Cattle, WESSINGTON SPRINGS, S. D.

PLAINVIEW STOCK FARM (Fargo &
Myers, Props.), Mule-Foot Hogs,
REDFIELD, S. D.

PONTO, F. W., Big-Type Poland-Chinas,
BROOKINGS, S. D.

POST, F., Breeder of Duroc-Jerseys, South
Minn. Ave., SIOUX FALLS, S. D.

RAYMOND, C. F., Pure-Bred Hereford
Cattle, MITCHELL, S. D.

REZAC, JOS. J., Pure-Bred Hereford
Cattle, TABOR, S. D.

RICK, A. H., Pure-Bred Poland-China
Hogs, PLANKINGTON, S. D.

RIGGS IRRIGATION CO., Pure-Bred Here-
ford Cattle, OAHE (HUGHES CO.), S. D.

RIVERSIDE STOCK FARM (R. J. Wei-
land), Percheron Horses, Shorthorn and
Polled Durham Cattle and Duroc-Jersey
Hogs, CANISTOTA, S. D.

RIVER VIEW STOCK FARM, Pure-Bred
Holstein Cattle, HUDSON, S. D.

ROHWEDER & DAHL, Lakewood Farm
Belgian Horses, GOODWIN, S. D.

RUSKELT, L. E., Pure-Bred Duroc-
Jerseys, ROCKHAM, S. D.

RYAN, F. L., Pure-Bred Poland-Chinas,
PLANKINTON, S. D.

SAND ELM STOCK FARM, Pure-Bred
Holstein Cattle, MITCHELL, S. D.

SANDO BROS., Paramount Stock Farm,
Breeders of Pure-Bred Shorthorn Cattle and
Duroc-Jersey Swine, COLTON, S. D.

SANDO, W. W., Live Stock Auctioneer,
COLTON, S. D.

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Mgr., Duroc-Jerseys, SIOUX FALLS, S. D.

SHANKS, W. G., Cloverdale Hereford
Farm, LAKE PRESTON, S. D.

SHAW, GEO. M., Live Stock Auctioneer,
CASTLEWOOD, S. D.

SIMANTEL, GEO. JR., Pure-Bred Here-
ford Cattle, SCOTLAND, S. D.

SMITH, JOHN F., Breeder of Poland-
China Swine, R. 3, FLANDREAU, S. D.

SNIDER, A. L., Breeder of Chester White
Swine, LETCHER, S. D.

SOLEM, O. O., Pure-Bred Duroc-Jersey
Swine, VOLIN, S. D.

SPONSKOWSKI, CHAS., Pure-Bred Hol-
stein Cattle, MARION, S. D.

STREETER, W. S., Pure-Bred Hereford
Cattle, GROTON, S. D.

STUNES, CHAS., Pure-Bred Duroc-Jerseys,
LETCHEE, S. D.

TEST, A. F., Pure-Bred Holstein Cattle,
MITCHELL, SOUTH DAKOTA.

THOMPSON, A. C., Chester Whites and
Shorthorns, HETLAND, S. D.

TIMM, H. G., Pure-Bred Aberdeen-Angus
Cattle, WAGNER, S. D.

TRIPP, J. M., Live Stock Auctioneer,
RAMONA, S. D.

TURNOVEC, JAMES, Jackson Dale Farm
Duroc-Jerseys, GEDDES, S. D.

TYLER, A. B., Breeder of Pure-Bred
Cattle, DRAPER, S. D.

UFFORD, W. A., & SONS, Wayside Farm
Chester White Swine, VERMILLION, S. D.

UKEN, JULIUS, Breeder of Duroc-Jersey
Swine, SPRINGFIELD, S. D.

VESSEY, ALEX, Hereford Cattle and
Duroc-Jersey Hogs, TRIPP, S. D.

WARRINER, HOWARD, Pure-bred Chester
White Swine, BRUCE, S. D.

WEBB, R. W., Breeder of Sunnyside Hol-
stein Cattle, ABERDEEN, S. D.

WEELDREYER, H. A., Breeder of Big-
Type Poland-Chinas, EMERY, S. D.

WEERT WEERTS & SON, Pure-Bred
Poland-Chinas, BANCROFT, S. D.

WENDLING, C. R., & SON, Imperial Stock
Farm Duroc-Jerseys, HAZEL, S. D.

WESTERN SOUTH DAKOTA STOCK
GROWERS' ASSOCIATION, F. M. Stewart,
Secretary, BUFFALO GAP, S. D.

WICKRE, H. O., & SONS, Herefords and
Duroc-Jerseys, WEBSTER, S. D.

WILLIAMS BROS., Fairview Farm Duroc-
Jerseys, R. 3, LAKE PRESTON, S. D.

WILSON, H. A., Duroc-Jersey Swine,
SPENCER, S. D.

WOITTE, BERY, Pure-Bred Berkshire
Swine, MILBANK, S. D.

WOOLF-CROMER CATTLE COMPANY,
Hereford Cattle, ABERDEEN, S. D.

ZOLMAN, P. A., Dakota Farm Duroc-
Jerseys and Holsteins, MITCHELL, S. D.

TENNESSEE.

AMES PLANTATION, Aberdeen - Angus
Cattle, GRAND JUNCTION, TENN.

ANDREWS, J. W., Breeder of Pure-Bred
Shorthorn Cattle, MARTHA, TENN.

BEE DEE EGG FARM, Breeders of S. C.
White Leghorns, CHATTANOOGA, TENN.

BROWN, A. L., Breeder of Pure-Bred
Shorthorn Cattle, WOODBURG, TENN.

BURNS, L. L., Breeder of Pure-Bred
Shorthorn Cattle, MARTHA, TENN.

CARPENTER, W. H., & SONS, Pure-Bred
Berkshire Swine, BRUSH CREEK, TENN.

CARSON, C. B., Breeder of Pure-Bred
Shorthorn Cattle, LIMESTONE, TENN.

Davidson, H. C., Angoras, Eldridge, Tenn.

ELEAZER, GEO., Pure-Bred Shorthorn
Cattle, DICKSON, TENN.

ELM LEAF FARMS (J. B. White, Prop.),
Poland-China Swine, WHITE PINE, TENN.

GETTYS, W., Breeder and Importer of
Jersey Cattle, ATHENS, TENN.

GREEN, L. B., Breeder of Pure-Bred Shorthorn Cattle, WINCHESTER, TENN.

JOHNSON, ASHLEY S., Breeder of Holsteins, KIMBERLIN HEIGHTS, TENN.

LESPEDEZA FARM, R. H. Scott, Manager, Breeders of Shorthorn Cattle, HICKORY VALLEY, TENN.

McKEE, ALEX, Breeder of Pure-Bred Shorthorn Cattle, LASCASSIS, TENN.

MARKS & DAVIS, Breeders of Real, Big-Type Poland-Chinas, BUNTYN, TENN.

MOSS, T. J., Big-Type Poland-China Pigs, SELMER, TENN.

SPRING VALLEY DUROC FARMS (C. C. Berry, Manager), SPRINGFIELD, TENN.

VIDMAR FARM, Breeder of Pure-bred Shorthorn Cattle, FOREST HILL, TENN.

WARD, A. B., Mammoth Bronze Turkeys, R. 11, Box 8, LEBANON, TENN.

WENONAH FARMS (B. P. Evans, Mgr.), Aberdeen-Angus Cattle, Shropshire Sheep and Hampshire Hogs, SHELBYVILLE, TENN.

TEXAS.

ALBRIGHT, ALEX, Breeder of Karakule Karalines Sheep, DUNDEE, TEXAS.

ANDREWS, W. R., Breeder of Pure-Bred Poland-China Swine, CHILDRESS, TEXAS.

ANSON, WM., Breeder of Quarter Horse Stallions, SAN ANGELO, TEXAS.

BAILEY, W. A., Breeder of Pure-Bred Poland-Chinas, WEATHERFORD, TEXAS.

BALL, FRED S., Auctioneer, Live Stock and Farm Sales, EL RENO, TEXAS.

BARBER, C. R., Anxiety, 4th, Line-Bred Hereford Cattle, HEREFORD, TEXAS.

BARRETT & DUNN, Breeders of Poland-China Swine, NORMANGEE, TEXAS.

BARRY, KOSS., Breeder of Aberdeen-Angus Cattle, MERIDIAN, TEXAS.

BECK, F., Breeder of Delaine Merino Sheep, COLEMAN, TEXAS.

BEEVER, GEO. H., Polled Durham and Shorthorn Cattle, PEARSALL, TEXAS.

BISHOP, W. A., Breeder of Pure-Bred Shorthorn Cattle, KAUFMAN, TEXAS.

BLAKEY, W. H., Pure-Bred Duroc-Jersey Swine, SEALY, TEXAS.

BOBBITT, J. A., Plum Hill Jersey Cattle, HILLSBORO, TEXAS.

BODEMANN, G., Early Mebane Triumph Cotton Seed, LOCKHART, TEXAS.

BOERNER & PENNEY, Breeders of Duroc-Jersey Swine, LUBBOCK, TEXAS.

BOOG-SCOTT, J. E., Breeder of Pure-Bred Hereford Cattle, COLEMAN, TEXAS.

BRADSHAW, D. H., Breeder of Pure-Bred Shorthorn Cattle, BRADSHAW, TEXAS.

BRANNAN, J. N., Breeder of Pure-Bred Shorthorn Cattle, SANCO, TEXAS.

BRIDGE, L. S., Farmer-Stockman, R. R. No. 2, QUANAH, TEXAS.

BROOKE, J. A., Breeder of Pure-Bred Shorthorn Cattle, FALFURRIAS, TEXAS.

BROOME, FARR & LEE, Pure-Bred Hereford Cattle, SAN ANGELO, TEXAS.

BROTHERTON, L. S., & SON, Shorthorn Cattle, R. 2, Station A, DALLAS, TEXAS.

BROWN, F. A., Breeder of Aberdeen-Angus Cattle, HONDO, TEXAS.

BROWN, LOUIA B., Breeder of Pure-Bred Shorthorn Cattle, SMITHFIELD, TEXAS.

BURGESS, JOHN, Breeder of Pure-Bred Shorthorn Cattle, FORT WORTH, TEXAS.

BURNHAM, H. S., Breeder of Pure-Bred Shorthorn Cattle, FARWELL, TEXAS.

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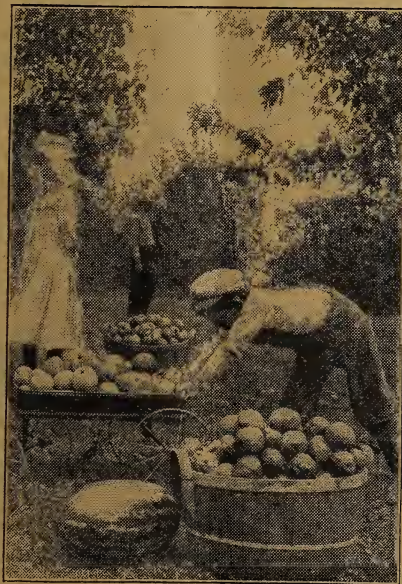
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APRIL, 1919.

No. 2.

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 Every Service, SENECA FALLS, N. Y.
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 Grant Motor Car Co., Cleveland, Ohio.
 Great Eastern Roller Co., Greenville, Ohio.
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 plies and Buyers of Honey, TOLEDO, OHIO.
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 ROSENBLATT, S., Leaf Tobacco For Sale, HAWESVILLE, KY.
 ROSS—E. W. ROSS COMPANY, Mfrs. of Wood Stave Silos, SPRINGFIELD, O.
 ROUSE, J. W., Bee Supplies, Bees, Queens, Honey, MEXICO, MO.
 ROWE MANUFACTURING COMPANY, Mfrs. of "Can't Sag" Gates and New Idea Hog Oilers, GALESBURG, ILL.
 ROYSTER (F. S.) GUANO CO., Mfrs. of Special Fertilizers, TOLEDO, OHIO.
 ROWE SANITARY MFG. CO., Mfrs. of Indoor Closets, 210 6th Ave., DETROIT, MICH.
 RUSLER COMPANY, Sprayers and Auto Washers, JOHNSTOWN, O.
 RUSSIA CEMENT CO., Mfrs. of LePage's China Cement, GLOUCESTER, MASS.
 SALEM MFG. COMPANY, Mfrs. of Land Plaster Sower, SALEM, OREGON.
 SANDUSKY CEMENT COMPANY, Build With Cement, Building Booklets Free, CLEVELAND, OHIO.
 SAXON MOTOR CAR COMPANY, Mfrs. of the Saxon Automobile, DETROIT, MICH.
 SCHOEN & GORDON, Mfrs. of Peanut Sheller, Healey Bldg., ATLANTA, GA.
 SEARS, ROEBUCK & CO., Merchandise By Mail Order, CHICAGO, ILL.
 SECURITY LIGHTNING ROD CO., Lightning Protection, BURLINGTON, WIS.
 SERVICE AUTO EQUIPMENT COMPANY, Tires, Traders' Bldg., KANSAS CITY, MO.
 SHARPLES SEPARATOR CO., Suction Feed Separators and Milking Machines, WEST CHESTER, PA.
 SHAW MFG. COMPANY, The Shaw Motor-bicycle, GALESBURG, KAS.
 SHAW WIRE FENCE CO., Mfrs. of the Shaw Fence, COLUMBUS, OHIO.
 SHELTON MFG. COMPANY, Mfrs. of Concrete Mixer, NEHAUKA, NEB.
 Sherwin-Williams Co., Paints, Cleveland, Ohio.
 SHORES-MUELLER CO., Household and Farm Necessities, CEDAR RAPIDS, IA.
 SILO SPECIALTY MFG. COMPANY, Mfrs. of Silos and Equipments, CLINTON, IA.
 SILVER—THE SILVER MFG. COMPANY, Silo Fillers and Feed Cutters, SALEM, OHIO.
 SIMPLEX FARM DITCHER COMPANY, Road Graders, Levels, Etc., OWENSBORO, KY.
 SIMPLEX MFG. COMPANY, Starters For Ford Cars, ANDERSON, IND.
 SIMPLEX SPREADER CO., Straw Spreader, Traders Bldg., KANSAS CITY, MO.
 SIMPLEX SUPPLY HOUSE, Poultry Supplies, 13 Pontiac Bldg., CHICAGO, ILL.
 SKAT COMPANY, THE, Mfrs. of Soaps, 791 Park St., HARTFORD, CONN.
 SLENKER, O. L., Buyer of Raw Furs, EAST LIBERTY, OHIO.
 SMITH MOTOR TRUCK CORPORATION, Michigan Blvd. and 16th St., CHICAGO, ILL.
 SMITH—W. SMITH GRUBBER COMPANY, Stump Pullers, LA CRESCENT, MINN.
 SMYTH, JOHN M., & CO., Mail Order Mdse., 701 Washington Blvd., CHICAGO, ILL.
 SNODDY—DR. D. C. SNODDY CO., Swine Remedy, ST. LOUIS, MO.
 SOIL IMPROVEMENT COMMITTEE, Fertilizer Information, Dept. 11, Postal Telegraph Bldg., CHICAGO, ILL.
 SOLVAY PROCESS CO., Pulverized Limestone, Delray, DETROIT, MICH.
 SOMERS, HAROLD, Mfr. of the Daisy Fly Killer, 150 DeKalb Ave., BROOKLYN, N. Y.
 SONNEBORN—HENRY SONNEBORN & CO., INC., Styleplus Clothes For Farmers, Send For Styleplus Book, BALTIMORE, MD.
 South Bend Chilled Plow Co., South Bend, Ind.
 SOUTHERN PINE ASSOCIATION, representing Yellow Pine Construction, Interstate Bank Bldg., NEW ORLEANS, LA.
 SOUTHERN PLOW COMPANY, Agricultural Implants, 618 Elm st., DALLAS, TEXAS.
 SPARTAN MFG. CO., Agricultural Implements, PONTIAC, ILL.
 SPERRY—D. R. SPERRY & CO., Steam Cookers, BATAVIA, ILL.
 SPOTLESS—THE SPOTLESS CO., South's Mail Order House, RICHMOND, VA.
 STAHL (WM.) SPRAYER COMPANY, Outfits and Mixtures, QUINCY, ILL.
 STAMPING AND TOOL COMPANY, Mfrs. of Corn Planter Gauge, LA CROSSE, WIS.
 STANDARD CHEMICAL COMPANY, "Carco" Vegetable Spray, TACOMA, WASH.
 STANDARD OIL CO. (INDIANA), Polarine Motor Oil and Standard Gas Engine and Tractor Oil, 72 W. Adams St., CHICAGO, ILL.
 STANDARD SANITARY MFG. CO., Standard Plumbing Fixtures, PITTSBURGH, PA.
 STANDARD SUPPLY HOUSE, Wire Fence, Roofing, Etc., NOBLESVILLE, IND.
 STAR PEA HULLER CO., Pea Huller Perfection, CHATTANOOGA, TENN.
 Staude Mfg. Co., Tractor Parts, St. Paul, Minn.
 STEINMESCH FEED AND POULTRY SUPPLY CO., 10 N. 4th St., ST. LOUIS, MO.
 STEWART-WARNER SPEEDOMETER CORPORATION, 1280 Diversey Parkway, CHICAGO, ILL.
 STORY & CLARK PIANO COMPANY, 317 South Wabash Ave., CHICAGO, ILL.
 STOVER MANUFACTURING CO., Windmills and Implements, FREEPORT, ILL.
 STRICKER, L. R., Cow Peas and Soy Beans, ASHEVILLE, N. C.
 STURGIS & BURN MFG. CO., Dairy Supplies, Harrison and Green, CHICAGO, ILL.
 SUNSHINE SAFETY LAMP COMPANY, 1005 McGee, KANSAS CITY, MO.
 SUPERIOR FEEDER COMPANY, Hog Self Feeders, LA FAYETTE, IND.
 SURE HATCH INCUBATOR COMPANY, Incubators and Brooders, FREMONT, NEB.
 SWARTZ ELECTRIC CO., Home Lighting Plants, Speedway, INDIANAPOLIS, IND.
 SWAYNE, ROBINSON & CO., "Money Maker" Silage Cutter, RICHMOND, IND.
 SWEDISH SEPARATOR COMPANY, Mfrs. of the Viking Cream Separator, 515 South Fifth Ave., CHICAGO, ILL.
 SWEENEY AUTO SCHOOL, 1108 East 15th St., KANSAS CITY, MO.
 SWEET FEED MANUFACTURERS' ASSOCIATION, MEMPHIS, TENN.
 SWIFT & CO., Fertilizer Dept., Union Stock Yards, CHICAGO, ILL.
 Taber Lumber Co., Silos, Etc., Keokuk, Iowa.
 TEXAS COTTON SEED CRUSHERS' ASSOCIATION, 909 Main St., DALLAS, TEX.

THOMAS MFG. COMPANY, Agents' Supplies,
DAYTON, O.
TIDE WATER OIL CO., Veedol Dept.,
Bowling Green Bldg., NEW YORK, N. Y.
TIMKIN ROLLER BEARING COMPANY,
Mfrs. of Axle Bearings, CANTON, O.
TOLEDO COOKER COMPANY, The Con-
servo Cooker, TOLEDO, OHIO.
TOWER—A. J. TOWER CO., Mfrs. of Fish
Brand Slickers, BOSTON, MASS.
TOWER—J. D. TOWER & SONS COM-
PANY, Mfrs. of Cultivators, MENDOTA, ILL.
TRACY FEEDER CO., Mfrs. of the Traco
Automatic Hog Feeder, WATERLOO, IA.
TROY CHEMICAL COMPANY, Veterinary
Remedies, BINGHAMTON, N. Y.
TURNER MFG. COMPANY, Simplicity
Tractors, PORT WASHINGTON, WIS.
TUTTLE TRACTOR COMPANY, Mfrs. of
Hay Balers, LEAVENWORTH, KAS.
TWEED SYSTEM COMPANY, INC., Pub-
lishers of Loose Leaf Farm Records, 99 Ship
St., PORTLAND, ORE.
ULRICH MFG. CO., Cultivators and Weed-
ers, 23 River St., ROCK FALLS, ILL.
UNADILLA SILO COMPANY, Mfrs. of
Silos and Ladders, UNADILLA, N. Y.
UNION CARBIDE SALES COMPANY, 42d
St. Bldg., NEW YORK, N. Y.
UNION LUMBER COMPANY, Tung-Lok
Elevators, UNION MILLS, WASH.
UNION METALLIC CARTRIDGE COM-
PANY, Woolworth Bldg., NEW YORK, N. Y.
UNITED STATES RUBBER CO., Mfrs. of
Endless Stitched Belting For Farm Work,
58th St. and Broadway, NEW YORK, N. Y.
U. S. SAFETY GAS MACHINE CO., Main
and Southern R. R., BELLEVILLE, ILL.
UNITED STATES STOCK FOOD CO., 21st
and Manchester, KANSAS CITY, MO.
U. S. WIND ENGINE AND PUMP COM-
PANY, BATAVIA, ILL.
UNIVERSAL MARKING DEVICE COM-
PANY For Sheep, CASPER, WYO.
UNIVERSAL SHOE COMPANY, Style Shoes
For Farmers and Wives, 15 Park Row,
NEW YORK, N. Y.
UTICA DROP FORGE AND TOOL CO.,
Farm Tools, 2800 Witesboro, UTICA, N. Y.
VACUUM OIL COMPANY, Lubricating
Oils, ROCHESTER, N. Y.
VEGA SALES COMPANY, Milwaukee
Cream Separator, FOSTORIA, O.
VELIE MOTOR VEHICLE COMPANY,
Mfrs. of the "Vellie Car," MOLINE, ILL.
VERMONT FARM MACHINE COMPANY,
U. S. Cream Separators and Lighting Plants,
BELLOW'S FALLS, VERMONT.
VERTREES, W. J., Fencing and Tanks,
BUSHNELL, ILL.
VICTOR PEA HULLER COMPANY, Hulls
Peas and Beans, Station A, ATLANTA, GA.
VIRGINIA CAN COMPANY, Cans For
Home Canning, BUCHANAN, VA.
VIRGINIA-CAROLINA CHEMICAL COM-
PANY, Farm Fertilizers, RICHMOND, VA.
WADE—R. M. WADE & CO., "Gasoline
Wood Saw," PORTLAND, ORE.
WALSH HARNESS COMPANY, Harness
Direct From Factory, MILWAUKEE, WIS.
WARD FENCE MFG. COMPANY, Wire
and Ornamental, DECATUR, IND.
WARD TRACTOR COMPANY, Mfrs. of
Transmission of Power to Work Ford Cars,
LINCOLN, NEB.
WARSAW-WILKINSON CO., Climax En-
silage Cutter, WARSAW, N. Y.
WASHINGTON MACHINE AND SUPPLY
COMPANY, Mfrs. of Elevating Machinery
for Elevating Bulk Grain, SPOKANE, WASH.
WASSON MFG. COMPANY, Mfrs. of Hog
Oiler, PEORIA, ILL.
WATERLOO GASOLINE ENGINE COM-
PANY, Mfrs. of Waterloo Boy Tractor,
WATERLOO, IA.
WATKINS MFG. COMPANY, Grain Cleaner
and Grader, WICHITA, KAS.
WAVERLY SUPPLY COMPANY, Mail Order
Premium Goods, MONONGAHELA, PA.

WEBER IMPT. AND AUTO CO., Farm
Implements and Autos, 1900 Locust St.,
ST. LOUIS, MO.
WEED CHAIN TIRE GRIP COMPANY,
"Auto Chains," BRIDGEPORT, CONN.
WELLS ESTATE, E. S., Rough on Rats,
706 Grand St., JERSEY CITY, N. J.
WERTHAN BAG COMPANY, Buys and
Sells Bags, 70 Dock St., ST. LOUIS, MO.
WEST JERSEY MARL AND TRANS.
COMPANY, Agricultural Fertilizer, 17
Cooper St., WOODBURY, N. J.
WESTERN ELECTRIC COMPANY, 195
Broadway, NEW YORK, N. Y.
WESTERN LAND ROLLER CO., Mfrs. of
Western Pulverizer, HASTINGS, NEB.
WHEELER & WILSON MFG. COMPANY,
Sewing Machines, BRIDGEPORT, CONN.
WIDHELM REMEDY AND MFG. CO.,
Stock Remedies and Feeders' Supplies,
FREMONT, NEB.
WILCOX & HARVEY MFG. COMPANY,
Mfrs. of the "Stay There" Ear Marker For
Stock, 564 W. Randolph St., CHICAGO, ILL.
WILKENS & BIEHL, Lime For Agri-
culture, GALVESTON, TEXAS.
WILLIAMSON MFG. CO., Mfrs. of Light-
ning Healing Powder, SHEFFIELD, ILL.
WILLIAMS—THE J. B. WILLIAMS COM-
PANY, Soaps, GLASTONBURY, CONN.
WILLYS-OVERLAND COMPANY, "The
Overland Car," TOLEDO, O.
WINCHESTER REPEATING ARMS COM-
PANY, NEW HAVEN, CONN.
WITTE ENGINE WORKS, Kerosene, Gas-
olene, Distillate or Gas Engines, 1724 Oak-
land Ave., KANSAS CITY, MO.
WITTIG F. & CO., Mfrs. of Charcoal For
Hogs, 3000 Lisbon Ave., MILWAUKEE, WIS.
WORTHINGTON PUMP AND MACHIN-
ERY CORP., Type W Engines, CUDAHY, WIS.
WYATT MANUFACTURING CO., Stackers
and Rakes, SALINA, KAS.
YOUNG (L. A.) INDUSTRIES COMPANY,
Belt Power, DETROIT, MICH.
YUBA MANUFACTURING COMPANY,
Tractor Mfrs., SAN FRANCISCO, CALIF.
X-RAY INCUBATOR COMPANY, Incu-
bators and Brooders, DES MOINES, IA.
Zimmerman Steel Co., Stp. Pullers, Bettendorf, Ia.

ACREAGE OF TOMATOES.

The following table shows in a general way the number of factories canning toma-
toes in each state, also the number of acres
contracted for in 1917 and 1918:

State.	Factories Reporting.		
	Num- ber.	Acres, 1917.	Acres, 1918.
ARKANSAS.....	12	1,830	2,157
CALIFORNIA.....	83	20,977	28,906
COLORADO.....	13	1,672	1,926
DELAWARE.....	59	11,905	9,182
ILLINOIS.....	20	2,543	3,173
INDIANA.....	146	41,530	44,358
IOWA.....	14	2,550	2,267
KENTUCKY.....	19	3,832	7,629
MARYLAND.....	293	43,657	35,185
MICHIGAN.....	25	3,336	3,510
MISSOURI.....	81	11,580	12,018
NEW JERSEY.....	51	17,555	17,422
NEW MEXICO.....	4	1,016	950
NEW YORK.....	57	8,867	8,162
OHIO.....	42	6,752	7,380
OREGON.....	5	157	199
PENNSYLVANIA.....	17	1,515	1,605
TENNESSEE.....	18	3,361	3,414
UTAH.....	25	3,150	4,639
VIRGINIA.....	377	18,142	17,737
WEST VIRGINIA.....	11	851	746
WISCONSIN.....	4	242	255
ALL OTHER.....	18	654	1,070
United States.....	1,399	207,674	213,890

BROOM CORN IN ARGENTINE.

Broom corn in Argentine, according to an estimate of the American Consul-General at Buenos Aires, averages about 14,300 short tons, produced from about 25,000 acres. Local consumption is given as about 11,000 tons and exportable surplus as 3,300.

LIVE STOCK DIRECTORY.

This is practically the beginning of the Live Stock Breeders' Directory of the United States, including active auctioneers, some of whom are also breeders. Most of the breeders whose names appear are paid subscribers to Agricultural Statistics. The few others put in as sample entries are solicited.

The expense of two lines appearing in all editions a full year, including a year's subscription to Agricultural Statistics, is one dollar. If three lines are necessary, the price is \$1.50, and fifty cents additional is added for each extra line. One-inch single-column display advertising card is \$6.00 a year.

ALABAMA.

ASHBURN, W. A., Breeder of Pure-Bred Poland-China Swine, ARAB, ALA.
 AVANT, RALPH, Breeder of Pure-Bred Poland-China Swine, LUVERNE, ALA.
 BALENTINE, J. R., Breeder of Pure-Bred Shorthorn Cattle, CLOVERDALE, ALA.
 BARK, G. A., Breeder of Pure-Bred Poland-China Swine, HUNTSVILLE, ALA.
 CHILES, W. C., Breeder of Pure-Bred Berkshire Swine, EUTAW, ALA.
 CLAYTON, W. S., Breeder of Pure-Bred Poland-China Swine, COLLINSVILLE, ALA.
 COLLINS, GEO. M., Breeder of Pure-Bred Shorthorn Cattle, CARROLLTON, ALA.
 COOK—W. E., Speckled Velvet Seed Beans, EVERGREEN, ALA.
 CRABB, MORTON C., Breeder of Pure-Bred Shorthorn Cattle, GALLION, ALA.
 DAVIDSON, JAS. P., Breeder of Pure-Bred Shorthorn Cattle, UNIONTOWN, ALA.
 DUNN, JESSE, Breeder of Pure-Bred Poland-China Swine, CORONA, ALA.
 ECHO VALLEY FARM, Choice Duroc-Jersey Swine, SAFFORD, ALA.
 FAIRMONT FARM, T. C. Hudmon, Owner, Berkshire Swine, OPELIKA, ALA.
 FARRIOR, J. B., Pure-Bred Poland-China Hogs, FORT DEPOSIT, ALA.
 FENNEL, JOHN F., Breeder of Pure-Bred Shorthorn Cattle, LEIGHTON, ALA.
 FORD, CHAS., Fordland Stock Farm, Tamworth Swine, R.R. 2, GALLION, ALA.
 FRANKSDALE STOCK FARMS, Breeders of Pure-Bred Holsteins, TALLADEGA, ALA.
 GAMBILL, J. B., Breeder of Pure-Bred Shorthorn Cattle, SHEFFIELD, ALA.
 GANNAWAY, T. A., Breeder of Pure-Bred Poland-China Swine, OXFORD, ALA.
 HENDERSON, J. A., Breeder of Great O. I. C. Hogs, TROY, ALA.
 JOHNSON, NED, Breeder of Duroc-Jersey Swine, PRATTVILLE, ALA.
 JONES, F. L., Breeder of Pure-Bred Shorthorn Cattle, TROY, ALA.
 KENDALL STOCK FARMS, Pure-bred Holstein Cattle, BERLIN, ALA.
 KIRKVIEW FARM, Pure-bred Shorthorn Cattle, R. R. 4, ORRVILLE, ALA.
 LUSK, J. M., Breeder of Pure-Bred Shorthorn Cattle, JACKSONVILLE, ALA.
 MADDOX, W. N., Pure-Bred Holstein Cattle, EASONVILLE, ALA.
 MARBURY STOCK FARMS, Jersey and Shorthorn Cattle and Duroc Swine, MARBURY, ALA.

MOORE, A. B., Breeder of Pure-Bred Shorthorns, MARION JUNCTION, ALA.

PRATTVILLE STOCK FARM, C. E. Thomas, President; Carl F. Adams, Secretary, Pure-Bred Hampshire Swine, PRATTVILLE, ALA.

SANSOM, JAMES C., Breeder of Pure-Bred Shorthorn Cattle, SELLERS, ALA.
 SMITH, F. W., Big-Type Poland-China Swine, R. R. 1, WAVERLY, ALA.
 SOLOMON & OATES, Breeders of Pure-Bred Shorthorns, HEADLAND, ALA.
 WADSWORTH, W. A., Breeder of Duroc-Jersey Swine, PRATTVILLE, ALA.
 WARD, D. & C., Breeders of Aberdeen-Angus Cattle, SELMA, ALA.

ARIZONA.

BARTLETT-HEARD LAND AND CATTLE CO., Poland-China Swine, PHOENIX, ARIZ.
 EVANS, H. DAVID, Breeder of Pure-Bred Poland-China Swine, MESA, ARIZ.
 GIST, AUBREY, Breeder of Angora Goats, SKULL VALLEY, ARIZ.
 GRAND CANYON SHEEP COMPANY, Rambouillet Sheep, FLAGSTAFF, ARIZ.
 HARRI, L. G., Breeder of Pure-Bred Poland-China Swine, PHOENIX, ARIZ.
 HAZLETON, C. E., Breeder of Pure-Bred Poland-China Swine, PHOENIX, ARIZ.
 JOHNSON, JAMES A., Breeder of Pure-Bred Shorthorn Cattle, PHOENIX, ARIZ.
 MORGAN, FRANK P., Breeder of Pure-Bred Poland-Chinas, SOMERTON, ARIZ.
 Walker Goat Co., Angoras, Kingman, Ariz.
 WEATHERSBY, J. P., Angora Goats, KLONDYKE, ARIZ.
 Webster, O. F., Angoras, Thatcher, Ariz.

ARKANSAS.

AUTEN, H. F., Pure-Bred Holstein Heifers, LITTLE ROCK, ARK.
 BERRY, J. H., Breeder of Pure-Bred Shorthorn Cattle, BENTONVILLE, ARK.
 BLEAKLEY, F. L., Breeder of Pure-Bred Shorthorn Cattle, AUVERGNE, ARK.
 BROWN, HENRY, Breeder of Pure-Bred Poland-China Swine, ARDEN, ARK.
 CASEY, BERRY, Breeder of Pure-Bred Shorthorn Cattle, BOXLEY, ARK.
 Clearwater Farms, Thos. L. Fell, Stuttgart, Ark.
 COOPER, J. F., Breeder of Pure-Bred Shorthorn Cattle, SNOWBALL, ARK.
 CROW, R. C., Breeder of Pure-Bred Poland-China Swine, GARNETT, ARK.
 CULBERHOUSE, R. S., Breeder of Pure-Bred Poland-Chinas, JONESBORO, ARK.
 CUMMINS, HARRY, Breeder of Pure-Bred Poland-China Swine, CORNING, ARK.
 DAVIS, ROBERT, Breeder of Pure-Bred Poland-China Swine, MILLWOOD, ARK.
 DENTON, GARLAND, Breeder of Pure-Bred Shorthorn Cattle, BERRYVILLE, ARK.
 DUNCAN, ELLIS, Breeder of Pure-Bred Poland-Chinas, FAYETTEVILLE, ARK.
 FAKES, W. B., Breeder of Pure-Bred Shorthorn Cattle, MCCRORY, ARK.
 FOSTER, P. A., Breeder of Pure-Bred Shorthorn Cattle, MONETTE, ARK.
 GAITHER, GUS, Breeder of Pure-Bred Shorthorn Cattle, HARRISON, ARK.
 GREINER, F. J., Breeder of Immune Chester White Swine, MENA, ARK.
 HANDBROUGH, W. J. Breeder of Pure-Bred Shorthorn Cattle, RECTOR, ARK.
 HANSMANN, WM., Breeder of Pure-Bred Poland-China Swine, BRINKLEY, ARK.
 HILTON, W. A., Breeder of Pure-Bred Shorthorns, EUREKA SPRINGS, ARK.
 MOREHOUSE, A. R., Breeder of Pure-Bred Shorthorns, EUREKA SPRINGS, ARK.
 SIEGLE, OTTO, Tick-Immune Herefords, 1855 Arch St., LITTLE ROCK, ARK.
 YANCY, S. H., Breeder of Pure-Bred Shorthorn Cattle, RECTOR, ARK.

CALIFORNIA.

ANGELL, E. G., Breeder of Pure-Bred Poland-China Swine, IMPERIAL, CALIF.
 ARLINGTON HEIGHTS FRUIT CO., Poland-China Swine, RIVERSIDE, CALIF.

BASSETT, M., Breeder of Pure-Bred Poland-China Swine, HANFORD, CALIF.
 BISHOP BROS., "San Ramon Shropshires," SAN RAMON, CALIF.
 BRAY, W. J., & SON, Breeders of Pure-Bred Shorthorn Cattle, HILT, CALIF.
 BULLARD BROS., Pure-Bred Rambouillet Sheep, WOODLAND, CALIF.
 CAWSTON OSTRICH FARM, P. O. Box 6, SOUTH PASADENA, CALIF.
 CONKLIN BROS., Pure-bred Angoras, NEWVILLE, CALIF.
 CROWELL, F. E., Breeder of Pure-Bred Poland-China Swine, ALPAUGH, CALIF.
 GLIDE, T. S., Breeder of Pure-Bred Shorthorn Cattle, DAVIS, CALIF.
 HANNAH, CHAS. R., Breeder of Pure-Bred Poland-China Swine, RIVERSIDE, CALIF.
 KIMBLE, CHAS. A., Breeder of California Rambouillet Sheep, HANFORD, CALIF.
 LEWIS, H. H., Breeder of Pure-Bred Poland-China Swine, WINTERS, CALIF.

COLORADO.

BABCOCK, B. A., Breeder of Pure-Bred Shorthorn Cattle, RUSH, COLO.
 BARNEY BROS., Pure-Bred Poland-China Pigs, HASWELL, COLO.
 BERGEMANN, W. M., Breeder of Pure-Bred Shorthorn Cattle, PUEBLO, COLO.
 BEVERIDGE, LISTER, Hereford Cattle and Belgian Horses, ARAPAHOE, COLO.
 CAMPBELL, C. C., Breeder of Pure-Bred Shorthorn Cattle, SPRINGFIELD, COLO.
 CHEESE, C. H., Breeder of Pure-Bred Shorthorn Cattle, PEYTON, COLO.
 COLE, HOMER C., Breeder of Pure-Bred Poland-China Swine, ALFALFA, COLO.
 COUNTS, WILSON, Producer of Holstein Dairy Springers, HASTY, COLO.
 CREEL, C. A., Breeder of Pure-Bred Shorthorn Cattle, ARKIBA, COLO.
 EDGEMOOR FARM, Caldwell Martin, Owner, Duroc-Jerseys, LITTLETON, COLO.
 FLINT, FRED, Breeder of Pure-Bred Shorthorn Cattle, GREELEY, COLO.
 Funk, M. M., Angoras, Parlin, Colo.
 GOODWIN, W. W., Breeder of Pure-Bred Jerseys, R. F. D. 2, CANON CITY, COLO.
 GRAHAM, G. W., Breeder of Pure-Bred Shorthorn Cattle, LILY, COLO.
 GROVES, JAMES, Breeder of Pure-Bred Shorthorn Cattle, ORCHARD, COLO.
 HELD, J. H., Breeder of Pure-Bred Shorthorn Cattle, STERLING, COLO.
 HETZER, WESLEY, Breeder of Pure-Bred Shorthorn Cattle, MAGNOLIA, COLO.
 HIGGINS, MARION, Breeder of Pure-Bred Shorthorn Cattle, YUMA, COLO.
 HOLMES, R. M., Breeder of Pure-Bred Shorthorn Cattle, SNOWMASS, COLO.
 J. O. D. RANCH, Pure-Bred Range-Raised Hereford Cattle, Jacks, Etc, AROYO, COLO.
 JONES, F. R., Breeder of Pure-Bred Shorthorn Cattle, JULESBURG, COLO.
 LANSDOWN, MISS ANNA, White Wyandotte Fowls, FORT LUPTON, COLO.
 McCLENAHAN, A. M., Jersey Cattle and Duroc-Jersey Swine, GREELEY, COLO.
 MULLIGAN, P. H., Breeder of Pure-Bred Shorthorn Cattle, ELBERT, COLO.
 PANCAKE, ERNEST, Producer of High-Grade Dairy Springers, DEERTRAIL, COLO.
 PLATTE RIVER CATTLE CO., Pure-Bred Hereford Bulls, 715 E. and C. Building, DENVER, COLO.
 SEGA SAGO EGG RANCH, S. C. White Leghorns, HOLLY, COLO.
 STOUT, S. C., Breeder of Pure-Bred Shorthorn Cattle, COLORADO SPRINGS, COLO.
 VALLEY VIEW HEREFORDS, Fulscher & Kepler, Prop., HOLYOKE, COLO.
 WARNOCK, DAVID, & SONS, Breeders of Scotch Shorthorns, LOVELAND, COLO.
 WESTERN HOLSTEIN FARM (Hall Bros., Props.), 1200 West Alameda, DENVER, COLO.

WIGHT, W. A., Breeder of Pure-Bred Shorthorn Cattle, LAS ANIMAS, COLO.
 YAMPA LIVE STOCK AND LAND CO., Shorthorn Cattle, CARY RANCH, COLO.
 ZION, A., Breeder of Pure-Bred Shorthorn Cattle, CRAIG, COLO.

CONNECTICUT.

BAKER, JOSEPH N., Breeder of Pure-Bred Berkshires, GROSVENORDALE, CONN.
 JUDSON, TRACY, Breeder of Pure-Bred Shorthorn Cattle, BETHLEHEM, CONN.
 SPARROW, L. R., Breeder of Pure-Bred Shorthorn Cattle, TOLLAND, CONN.

DELAWARE.

DAVIS, L. T., Breeder of Pure-Bred Berkshire Swine, DAGSBORO, DEL.
 GREEN, GEORGE, Breeder of Pure-Bred Berkshire Swine, NEWARK, DEL.

FLORIDA.

BRIGHT BROS., Dairy Farm and Breeders of Holstein Cattle, MIAMI, FLA.
 COTTINGHAM, J. E., Breeder of Pure-Bred Poland-China Swine, MADISON, FLA.
 EDWARDS, L. K., Breeder of Pure-Bred Poland-China Swine, IRVINE, FLA.
 GAITSKILL, S. H., Breeder of Pure-Bred Shorthorn Cattle, McINTOSH, FLA.
 JACKSON, A. L., Breeder of Pure-Bred Shorthorn Cattle, GAINESVILLE, FLA.
 SUWANEE MODEL DAIRY, Breeder of Poland-China Swine, LIN OAK, FLA.
 THORN, W. B., Breeder of Pure-Bred Poland-China Swine, ANTHONY, FLA.
 WENDLER, J. H., Pure-Bred Berkshire Swine, ORLANDO, FLA.

GEORGIA.

ALEXANDER, ROY, Breeder of Holstein Dairy Cattle, ROOPVILLE, GA.
 ARLE'S PLANTATION, Duroc-Jerseys and Hampshire Swine, AMERICUS, GA.
 AENALL, A. W., Breeder of Pure-Bred Shorthorn Cattle, SARGENT, GA.
 BARNETT, A. H., Breeder of Pure-Bred Shorthorn Cattle, WASHINGTON, GA.
 BARNETT, W. B., Producer of Grade Jersey Milch Cows, SHARON, GA.
 BATTLE, JOE J., Breeder of Pure-Bred Poland-China Swine, MOULTREE, GA.
 BORTFIELD, GEO. R., Breeder of Pure-Bred Poland-China Swine, MACON, GA.
 BOSS, FRED, Jerseys, Holsteins, Short-horns, R. F. D. 3, COLUMBUS, GA.
 BOSWELL, E. T., JR., Pure-Bred Hereford Cattle, SILOAM, GA.
 BRIDGES, J. W., Breeder of Pure-Bred Poland-China Swine, BLAKELY, GA.
 BRIM, W. E., Breeder of Pure-Bred Shorthorn Cattle, SASSER, GA.
 BROOKHILL FARM, J. R. Humphries, Owner, Registered Jersey Cattle, ACWORTH, GA.
 BYNE, J. M., Breeder of Pure-Bred Shorthorn Cattle, WARESBORO, GA.
 CARTER, OTIS L., Breeder of Pure S. C. White Leghorns, R. F. D., GRIFFIN, GA.
 COMER—E. T. COMER CO., Breeder of Southdown Sheep, MILLHAVEN, GA.
 COX, MARVIN, Breeder of Pure-Bred Poland-China Swine, MACON, GA.
 DUROC FARMS, THE, E. D. Bigham, Prop., Duroc-Jersey Swine, LESLIE, GA.
 EVANS, A. J., Breeder of Duroc-Jersey Swine, FORT VALLEY, GA.
 FAIR VIEW FARM, Pure-Bred Berkshire Cattle, PALMETTO, GA.
 FLORENCE, W. L., Pure-Bred Hereford Cattle, POWDER SPRINGS, GA.
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 GEORGIA HEREFORD FARMS, Chattahoochee Lumber Co., Prop., LELA, GA.

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 HADGE, J. W., Breeder of Pure-Bred Shorthorn Cattle, ELKO, GA.
 HAM, J. E., Breeder of Pure-Bred Poland-China Swine, VALDOSTA, GA.
 HARDMAN, C. J., & BRO., Country Place Berkshires, COMMERCE, GA.
 HIGHWAY FARM, Breeders of Pure Duroc-Jersey Swine, ELKO, GA.
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 JACKSON, ROBERT F., Pure-Bred Berkshire Swine, STARKSVILLE, GA.
 JONES, W. H. H., Pure-Bred Berkshire Swine, HEPHIZIBAH, GA.
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 KENNESAW MOUNTAIN FARM, R. H. Northcutt, Prop., Jerseys, MARIETTA, GA.
 KING, J. A., Breeder of Hampshire Swine, UNADILLA, GA.
 KINNEY, W. H., Pure-Bred Shorthorn Cattle, R. R. 1, CARROLLTON, GA.
 MACK'S GEORGIA HEREFORDS, E. E. Mack, Prop., THOMASVILLE, GA.
 MEADOWBROOK FARM, A. M. Nixon, Prop., B. P. Rocks, Eggs and Fowls, R. R. 6, CARROLLTON, GA.
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 PHILLIPS, J. J. L., Aberdeen-Angus Cattle, TIFTON, GA.
 PONDER, J. R., Breeder of Pure-Bred Shorthorn Cattle, LA FAYETTE, GA.
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 RED PEBBLE FARM, Breeders of Pure Bred Hereford Cattle, ASHBURN, GA.
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 SHEDDEN FARMS, Breeders of Registered Shorthorn Cattle, RAYMOND, GA.
 SHINGLER BROS., Pure-Bred Hereford Cattle, ASHBURN, GA.
 SHOAL CREEK FARM, Duroc-Jersey Swine, MONTICELLO, GA.
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 STURGIS FARMS, Pedigreed Duroc-Jersey Pigs, APALACHEE, GA.
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STEPHENS, C. D., Breeder of Pure-Bred Oxford Sheep, R. 1, ANNAPOLIS, ILL.

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Always Consult the Index.

Our readers are requested to con-
sult the index before doing anything
else. We cannot classify the tabu-
lated statements so that they will be
found at a glance, but we can index
them and we have done so thoroughly.

AGRICULTURAL STATISTICS.

We are approaching the most important
period in the life of AGRICULTURAL
STATISTICS. We are approaching the
agricultural census, but it has not arrived
yet. Our readers can best be prepared for
the census by keeping their mind on past
records.

Four Directory Departments.

This copy of Agricultural Statistics
contains Four Directories—1,275 of
the foremost farmers and stock raisers
in the United States; 600 mer-
chants and manufacturers; 170 seed
growers and merchants; and 70 com-
panies who are engaged in buying
and selling farmers' products. These
Directories are being enlarged every
edition.

Agricultural Statistics is the most
important publication originated in
the past five years.

BASIS OF AGRICULTURAL INFORMATION

In this edition appears a tabulated state-
ment which we regard as being the basis of
all agricultural information. It shows the
square mile area of each state, the popula-
tion in 1910 and the number of population
in each state per square mile. The idea we
desire to present is that comparison of one
state with another should always be made
in connection with the sizes thereof. Texas
is equal in size to 262 states the size of
Rhode Island. Again, Florida is equal in
size to twenty-seven states the size of
Delaware. Massachusetts is practically the
size of two states like Connecticut. New
Jersey is only one-sixth the size of New
York, and New York is only half the size of
Oregon. These facts are not generally
known. We now look first at the number of
square miles in a state and compare one
with all others.

Changing Figures and Estimates.

Apparent discrepancies in this
publication may grow out of the fact
that in December, 1918, the Agricult-
ural Department at Washington will
change figures that were estimated in
December, 1917. We do not like to
change figures a year after a crop is
harvested.

STATEMENT OF OWNERSHIP, MANAGE- MENT, ETC.,

—of—

AGRICULTURAL STATISTICS,

Published Quarterly at St. Louis, Mo.,
April 1, 1919.

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County of St. Louis, | ss.

Before me, a Notary Public in and for
the State and County aforesaid, personally
appeared Philip H. Hale, who, having been
duly sworn according to law, deposes and
says that he is the Editor and Manager of

AGRICULTURAL STATISTICS,

and that the following is, to the best of his
knowledge and belief, a true statement of
the ownership, management, etc., of the
aforesaid publication for the date shown
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PHILIP H. HALE,

Editor and Manager.

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(Signed) Anna A. Pfeifer, Notary Public.
(My commission expires November 26, 1919.)

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the richest agricultural circle.

Some pages of Agricultural Statis-
tics remain from one issue to an-
other. Important matter should be
left in sight, especially if something
more valuable cannot be found.

FARMS AND CITY POPULATION.

In early issues of AGRICULTURAL
STATISTICS we published the number of
farms in each state, the average acres of
those farms and the farm population. We
now change the statement so that it will
include the city population also. For in-
stance, it is interesting to know that North
Dakota has a farm population that is eight
times greater than the town population.
Another instance is that Massachusetts has
twelve times more city population than the
population devoted to agriculture. Michigan
is a state in which farm and town popu-
lations are equally divided. To have this class
information in convenient form is our pur-
pose.

There is ten-dollars' worth of in-
formation in one copy of Agricultural
Statistics, and the price is 25 cents.

Not a Repetition.

The census tables in this edition
will not appear again, but will be
indexed in future editions. We repeat
some tables because it is necessary to
do so. Some farmers have not seen
them.

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FARMS AND POPULATION.

These figures are from the last census of 1910 and are the latest to be had. The addition at the bottom is an estimate and the total represents the present basis as estimated. The feature of this statement is that farm population and city population are placed side by side so that the states where agriculture predominates are shown at a glance. It will be noticed that in only thirteen states the city populations are larger than the farm populations.

State.	No of Farms in State.	Acres, in Aver- age.	Farm Popula- tion, Census, 1910.	City Popula- tion, Census, 1910.
ALA.....	262,901	78.9	1,767,662	370,431
ARIZ.....	9,227	135.1	141,004	63,260
ARK.....	214,678	81.1	1,371,766	202,681
CALIF.....	88,197	316.7	907,816	1,469,739
COLO.....	46,170	293.1	394,184	404,840
CONN.....	26,815	81.5	114,917	999,839
DEL.....	10,836	95.9	105,237	97,085
D. C.....	217	27.9	1,000	330,069
FLA.....	50,016	105.0	533,539	219,080
GA.....	291,027	92.6	2,070,471	538,650
IDAHO.....	30,807	171.5	255,696	69,898
ILL.....	251,872	129.1	2,161,662	3,476,929
IND.....	215,485	98.8	1,557,001	1,143,835
IOWA.....	217,044	156.3	1,544,717	680,054
KAS.....	177,841	244.0	1,107,159	493,790
KY.....	259,185	85.6	1,734,463	555,442
LA.....	120,546	86.6	1,159,872	496,516
MAINE.....	60,016	104.9	360,928	381,413
MD.....	48,923	103.4	637,154	368,192
MASS.....	36,917	77.9	241,049	3,125,367
MICH.....	206,960	91.5	1,883,129	1,327,044
MINN.....	156,137	177.3	1,225,414	850,294
MISS.....	224,382	67.6	1,589,813	207,311
MO.....	277,244	124.8	1,894,817	1,398,817
MONT.....	26,214	516.7	243,633	33,420
NEB.....	129,678	297.8	881,362	310,852
NEV.....	2,689	1,009.6	68,508	13,367
N. H.....	27,053	120.1	175,473	255,099
N. J.....	33,487	76.9	629,957	1,907,210
N. M.....	35,676	315.9	280,730	46,571
N. Y.....	215,597	102.2	1,928,120	7,185,494
N. C.....	253,725	88.4	1,887,813	318,474
N. D.....	74,360	382.3	513,820	63,236
OHIO.....	272,045	88.6	2,101,978	2,665,143
OKLA.....	190,192	151.7	1,337,000	320,155
OREGON.....	45,502	256.8	365,705	307,060
PENN.....	219,295	84.8	3,034,444	4,630,669
R. I.....	5,292	83.8	17,956	224,832
S. C.....	176,434	76.6	1,290,568	76,673
S. D.....	77,644	335.1	507,215	441,045
TENN.....	246,012	81.5	1,743,744	938,104
TEXAS.....	417,770	269.1	2,958,438	172,934
UTAH.....	21,676	156.7	300,417	168,943
VT.....	32,709	142.6	187,013	176,529
VA.....	184,018	105.9	1,585,083	605,530
WASH.....	56,192	208.4	536,460	228,212
W. VA.....	96,685	103.7	992,877	1,004,320
WIS.....	177,127	119.0	1,329,540	43,221
WYO.....	10,987	777.6	102,744	
Total.....	6,361,502	138.1	49,348,883	42,623,383
Add.....	636,150		4,934,888	4,262,338
Total.....	6,997,652		54,283,771	46,885,721

FARMS IN THE UNITED STATES.

According to the last census the following is a brief summary of the number and size of all the farms in the United States. The average size is 138.1 acres, of which an average of 75.2 acres are improved and 62.9 acres are unimproved:

Number.	Extent.
18,033.....	Under 3 acres.
317,010.....	3 to 9 acres.
504,123.....	10 to 19 acres.
1,414,376.....	20 to 49 acres.
1,438,069.....	50 to 99 acres.
1,516,286.....	100 to 174 acres.
534,191.....	175 to 259 acres.
443,984.....	260 to 499 acres.
125,295.....	500 to 999 acres.
50,135.....	1,000 acres and over.

6,361,502 Farms in United States, 1910.

DEVELOPMENT OF AGRICULTURE.

The following tabulated statement is for the purpose of placing before us in a simple manner the United States government estimate of values on the farm of the crops and live stock produced in the United States from 1879 to 1918. It also estimates the

AREA OF STATES AND POPULATION.

This statement is from the last census, taken in the year 1910, and preparations are being made to take another in 1920. The features of the statement are important. People compare one state with another. The basis of all such calculations is the square mile. Texas is nearly equal in square miles to five states the size of Illinois. You can place thirty-one states like Connecticut in the state of California. Montana is the third largest state. Rhode Island, the smallest state, supports the largest number of people to the square mile. This table will be changed in a year, and when the new and the old stand side by side the facts will interest us all.

State.	Area, Square Miles.	Popula- tion, 1910.	Pop. Per Sq. Mile.
ALA.....	51,279	2,138,073	41.7
ARIZ.....	113,810	204,354	1.8
ARK.....	52,525	1,574,449	30.0
CALIF.....	155,652	2,377,549	15.3
COLO.....	103,658	799,024	7.7
CONN.....	4,820	1,114,756	231.3
DEL.....	1,965	202,322	103.0
FLA.....	58,261	752,619	13.7
GA.....	54,725	2,609,121	44.4
IDAHO.....	87,854	325,594	3.9
ILL.....	56,043	5,638,591	105.6
IND.....	36,045	2,700,876	74.9
IOWA.....	55,586	2,224,771	40.0
KAS.....	81,774	1,690,949	20.7
KY.....	40,181	2,289,905	57.0
LA.....	45,409	1,656,388	36.8
MAINE.....	29,895	742,371	24.8
MD.....	9,941	1,295,346	130.3
MASS.....	8,039	3,366,416	418.8
MICH.....	57,480	2,810,173	48.9
MINN.....	80,858	2,075,708	25.7
MISS.....	46,362	1,797,114	38.8
MO.....	68,727	3,293,335	47.9
MONT.....	146,201	376,053	2.6
NEB.....	76,808	1,192,214	15.5
NEV.....	109,821	81,875	0.7
N. H.....	9,031	430,572	47.7
N. J.....	7,514	2,537,167	337.7
N. M.....	122,503	325,301	2.7
N. Y.....	47,654	9,113,614	191.2
N. C.....	48,740	2,206,287	45.3
N. D.....	70,183	577,056	8.2
OHIO.....	40,740	4,767,121	117.0
OKLA.....	69,414	1,657,155	23.9
OREGON.....	95,607	672,765	7.0
PENN.....	44,832	7,665,111	171.0
R. I.....	1,067	542,610	508.5
S. C.....	30,495	1,515,400	49.7
S. D.....	76,808	583,888	7.6
TENN.....	41,687	2,184,789	52.4
TEXAS.....	262,398	3,896,542	14.8
UTAH.....	82,184	373,351	4.5
VT.....	9,124	355,956	39.0
VA.....	40,262	2,061,612	51.2
WASH.....	66,836	1,141,990	17.1
W. VA.....	24,022	1,221,119	50.8
WIS.....	51,256	2,335,860	42.2
WYO.....	97,594	145,965	1.5
U. S.....	2,973,890	91,972,266	30.9

proportionate value of the crops and the value of live stock:

Year.	Total Value.	Value Per Cent. Crops.	Stock.
1879.....	2,212,541,000	63.1	36.9
1889.....	2,460,107,000	63.5	36.5
1897.....	3,960,822,000	63.6	36.4
1898.....	4,338,946,000	63.6	36.4
1899.....	4,717,070,000	63.6	36.4
1900.....	5,009,535,000	63.7	36.3
1901.....	5,302,120,000	63.8	36.2
1902.....	5,594,645,000	64.0	36.0
1903.....	5,887,170,000	64.1	35.9
1904.....	6,121,778,000	65.0	35.0
1905.....	6,273,997,000	64.0	36.0
1906.....	6,751,210,000	63.0	37.0
1907.....	7,487,989,000	63.6	36.4
1908.....	7,890,626,000	64.6	35.4
1909.....	8,498,311,000	64.6	35.4
1910.....	9,037,391,000	60.7	39.3
1911.....	8,819,175,000	63.1	36.9
1912.....	9,342,700,000	62.5	37.5
1913.....	9,849,513,000	62.3	37.7
1914.....	9,894,961,000	61.8	38.2
1915.....	10,775,490,000	64.1	35.9
1916.....	13,406,364,011	67.5	32.5
1917.....	21,386,000,000	95.5	33.5
1918.....	19,331,000,000	69.7	30.3

CROP SUMMARY OF U. S.

Statement of Acreage and Yield of
Principal Crops For Four Years
and a Five-Year Average.

This is simply a brief tabulation
which is comprehensive. It gives
the U. S. totals, and the state tables
on different pages will be found the
crops of the different states:

THE CORN CROP.

Extent, Acre, Production,

Year. Acres. Bushels. Bushels.

1910.	104,035,000	27.7	2,886,260,000
1911.	105,825,000	23.9	2,531,488,000
1912.	107,083,000	29.2	3,124,746,000
1913.	105,820,000	23.1	2,446,988,000
1914.	103,435,000	25.8	2,672,894,000
1915.	106,197,000	28.2	3,054,535,000
1916.	105,296,000	24.4	2,583,241,000
1917.	119,755,000	26.4	3,159,494,000
1918.	107,494,000	24.0	2,582,814,000

THE WINTER WHEAT CROP.

1914.	36,008,000	19.0	684,999,000
1915.	41,308,000	16.2	673,947,000
1916.	34,709,000	13.8	480,553,000
1917.	27,430,000	15.2	418,070,000
1918.	36,704,000	15.2	558,449,000

THE SPRING WHEAT CROP.

1914.	17,533,000	11.8	206,027,000
1915.	19,161,000	18.3	356,460,000
1916.	17,607,000	8.8	158,142,000
1917.	18,511,000	12.6	232,758,000
1918.	22,406,000	16.0	358,651,000

TOTAL WHEAT CROP.

1910.	45,681,000	13.9	635,121,000
1911.	49,543,000	12.5	621,338,000
1912.	45,814,000	15.9	730,267,000
1913.	50,184,000	15.2	763,380,000
1914.	53,541,000	16.6	891,017,000
1915.	60,469,000	16.9	1,025,801,000
1916.	52,316,000	12.1	636,318,000
1917.	45,941,000	14.2	650,828,000
1918.	59,110,000	15.5	917,100,000

THE OATS CROP.

1910.	37,548,000	31.6	1,186,341,000
1911.	37,763,000	24.2	922,298,000
1912.	37,917,000	37.4	1,418,337,000
1913.	38,399,000	29.2	1,121,768,000
1914.	38,442,000	29.7	1,141,060,000
1915.	40,996,000	37.8	1,549,030,000
1916.	41,527,000	30.1	1,251,837,000
1917.	43,572,000	36.4	1,587,286,000
1918.	44,400,000	34.6	1,538,359,000

THE BARLEY CROP.

1910.	7,743,000	22.5	173,832,000
1911.	7,627,000	21.0	160,240,000
1912.	7,530,000	29.7	223,824,000
1913.	7,499,000	23.8	178,189,000
1914.	7,565,000	25.8	194,953,000
1915.	7,148,000	32.0	228,851,000
1916.	7,757,000	23.6	182,309,000
1917.	8,835,000	23.7	208,975,000
1918.	9,679,000	26.5	256,375,000

THE RYE CROP.

1910.	2,185,000	16.0	34,897,000
1911.	2,127,000	15.6	33,119,000
1912.	2,117,000	16.8	35,664,000
1913.	2,557,000	16.2	41,381,000
1914.	2,541,000	16.8	42,779,000
1915.	3,129,000	17.2	54,050,000
1916.	3,213,000	15.3	48,802,000
1917.	4,102,000	14.7	60,145,000
1918.	6,185,000	14.4	89,103,000

THE BUCKWHEAT CROP.

1910.	860,000	20.5	17,598,000
1911.	833,000	21.1	17,549,000
1912.	841,000	22.9	19,249,000
1913.	805,000	17.2	13,833,000
1914.	792,000	21.3	16,881,000
1915.	769,000	19.6	15,769,000
1916.	828,000	14.0	11,840,000
1917.	1,006,000	17.4	17,460,000
1918.	1,040,000	16.5	17,182,000

THE FLAXSEED CROP.

1910.	2,467,000	5.2	12,718,000
1911.	2,757,000	7.0	19,370,000
1912.	2,851,000	9.8	28,073,000
1913.	2,291,000	7.8	17,853,000
1914.	1,645,000	8.4	13,749,000
1915.	1,387,000	10.1	13,845,000
1916.	1,474,000	9.6	15,459,000
1917.	1,809,000	4.7	8,473,000
1918.	1,938,000	7.6	14,657,000

THE RICE CROP.

1910.	733,000	33.9	24,510,000
1911.	696,000	32.9	22,934,000
1912.	723,000	34.7	25,054,000
1913.	827,000	31.1	24,744,000
1914.	694,000	34.1	23,649,000
1915.	803,000	36.1	28,947,000
1916.	869,000	47.8	41,982,000
1917.	964,100	37.6	36,278,000
1918.	1,112,770	36.3	40,424,000

THE WHITE POTATO CROP.

1910.	3,720,000	93.8	349,032,000
1911.	3,619,000	80.9	292,737,000
1912.	3,711,000	113.4	420,647,000
1913.	3,668,000	90.4	331,525,000
1914.	3,711,000	110.5	409,921,000
1915.	3,734,000	95.5	359,103,000
1916.	3,565,000	80.4	285,437,000
1917.	4,390,000	100.8	442,536,000
1918.	4,210,000	95.0	400,106,000

THE SWEET POTATO CROP.

1910.	641,000	93.5	59,938,000
1911.	605,000	90.1	54,538,000
1912.	583,000	95.2	55,479,000
1913.	625,000	94.5	59,057,000
1914.	603,000	93.8	56,574,000
1915.	731,000	103.3	74,395,000
1916.	774,000	91.7	70,955,000
1917.	953,000	91.4	87,141,000
1918.	922,000	93.6	86,334,000

TAME HAY CROP—TONS.

1910.	51,015,000	1.36	69,370,000
1911.	48,240,000	1.14	54,916,000
1912.	49,530,000	1.47	72,691,000
1913.	48,954,000	1.31	64,116,000
1914.	49,145,000	1.43	70,071,000
1916.	55,721,000	1.64	89,991,000
1917.	53,516,000	1.49	79,528,000
1918.	55,971,000	1.35	75,459,000

WILD HAY CROP—TONS.

1915.	16,796,000	1.27	21,343,000
1916.	16,635,000	1.19	19,795,000
1917.	16,472,000	.94	15,402,000
1918.	15,283,000	.94	14,374,000

ALL KINDS OF HAY—TONS.

1914.	65,897,000		88,686,000
1915.	67,904,000		107,263,000
1916.	72,356,000		110,992,000
1917.	69,988,000		94,930,000
1918.	69,249,000		86,254,000
1918.	71,254,000		89,833,000

THE TOBACCO CROP—POUNDS.

1910.	1,336,000	807	1,103,415,000
1911.	1,013,000	893	905,109,000
1912.	1,226,000	785	962,885,000
1913.	1,216,000	784	953,734,000
1914.	1,224,000	845	1,034,679,000
1915.	1,370,000	775	1,060,587,000
1916.	1,413,800	815	1,150,622,000
1917.	1,447,000	827	1,196,451,000
1918.	1,549,000	865	1,340,019,000

THE COTTON CROP—BALES.

1910.	32,403,000	170.7	11,609,000
1911.	36,045,000	207.7	15,693,000
1912.	34,283,000	190.9	13,703,000
1913.	37,089,000	182.0	14,116,000
1914.	36,832,000	209.2	16,135,000
1915.	31,412,000	172.5	11,161,000
1916.	34,985,000	156.3	11,511,000
1917.	33,841,000	155.7	11,302,000
1918.	35,890,000	155.9	11,700,000

THE SUGAR BEET CROP—TONS.

1914.	483,400	11.6	5,585,000
1915.	611,000	10.4	6,462,000
1916.	665,308	9.3	6,228,000
1917.	665,400	9.2	5,980,000
1918.	592,100	9.8	5,822,600

CROP OF EDIBLE BEANS—Bushels.

1914.	875,000	13.2	11,585,000
1915.	928,000	11.1	10,321,000
1916.	1,107,000	9.7	10,715,000
1917.	1,832,000	8.6	15,701,000
1918.	1,754,000	10.1	17,733,000

GRAIN SORGHUMS—BUSHEL.

[Six States.]

1915.	4,153,000	27.6	114,460,000
1916.	3,812,000	13.2	50,340,000
1917.	5,153,000	11.9	61,409,000
1918.	5,619,000	11.8	66,396,000

THE CROP OF ONIONS—BUSHEL.

[Fourteen States.]

1915.	27,579	278	7,663,712
1916.	28,400	275	7,832,000
1917.	30,500	328	12,308,000
1918.	35,830	375	13,438,000

THE CROP OF CABBAGE—TONS.

[Nine States.]

1915.	69,420	9.7	670,631
1916.	40,080	6.2	246,988
1917.	58,950	7.5	475,300
1918.	61,700	9.2	565,200

THE YIELD OF HOPS—POUNDS.

[Four States.]

1915.	44,653	1.187	52,986,000
1916.	43,900	1.152	50,597,000
1917.	29,900	.929	27,788,000
1918.	27,900	.723	20,193,000

PRODUCTION OF CRANBERRIES—THREE STATES—BARRELS.

1915.	23,100	19.1	441,000
1916.	23,600	17.6	415,000
1917.	18,190	13.7	249,009
1918.	27,200	12.9	350,100

THE CROP OF APPLES—BUSHEL.

1914.			253,200,000
1915.			230,011,000
1916.			204,582,000
1917.			163,117,000
1918.			173,632,000

YIELD OF PEACHES—BUSHEL.

1914.			54,100,000
1915.			64,097,000
1916.			37,505,000
1917.			45,066,000
1918.			40,185,000

THE CROP OF PEARS—BUSHEL.

1914.			12,086,000
1915.			11,216,000
1916.			11,874,000
1917.			13,281,000
1918.			10,342,000

THE CROP OF ORANGES.

[Only Two States.]

1915.			21,200,000
1916.			23,835,000
1917.			10,593,000
1918.			19,587,000

THE CROP OF SORGHUM SYRUP—GALLONS.

1916.	157,000	87.3	13,668,000
1917.	415,200	90.3	37,472,000
1918.	372,600	78.4	29,224,000

CROP OF PEANUTS—BUSHEL.

1916.	1,076,350	32.8	35,325,500
1917.	1,842,000	28.5	52,505,000
1918.	2,291,000	24.3	55,597,000

CROP OF BROOM CORN—TONS—**FIVE STATES.**

1916.	229,000	...	37,855
1917.	345,000	...	57,400
1918.	333,000	...	58,000

CROP OF CLOVER SEED — BUSHEL.

1916.	939,000	1.8	1,706,000
1917.	756,000	1.8	1,356,000
1918.	819,000	1.7	1,383,000

Increase in Number of Farms.

Year.	No. of Farms.	Acreage.
1850.	1,449,073	202.6
1860.	2,044,077	190.2
1870.	2,659,985	153.3
1880.	4,008,907	133.7
1890.	4,564,641	130.5
1900.	5,737,372	146.2
1910.	6,361,502	138.1
1918, estimated.	7,250,000	134.0

Spring Wheat, 1916 and 1917.

This statement represents the statistics of the very poor crop of spring wheat of 1916, followed by the estimate of the modern crop being harvested in 1917. The condition of 1917 was very ordinary, notwithstanding the great efforts made to increase production.

State.	1916.		1917.	
	Bush-els, Acre.	Produc-tion, Bushels.	Bush-els, Acre.	Esti-mate, Bushels.
ALA.				
ARIZ.				
ARK.				
CALIF.				
CONN.	19.5	4,485,000	22.0	5,808,000
DEL.				
FLA.				
GA.				
IDAHO.	23.5	6,815,000	22.0	8,250,000
ILL.				
IND.				
IOWA.	13.0	4,160,000	21.5	5,375,000
KAS.	10.5	462,000	6.0	264,000
KY.				
LA.				
MAINE.	27.0	135,000	14.0	154,000
MASS.				
MICH.				
MINN.	7.3	26,645,000	17.5	56,525,000
MISS.				
MO.				
MONT.	18.0	16,830,000	9.0	10,098,000
NEB.	12.5	3,750,000	16.5	6,600,000
NEV.	31.5	1,162,000	28.0	1,036,000
N. H.				
N. J.				
N. M.	21.5	1,032,000	18.0	1,242,000
N. Y.				
N. C.				
N. D.	5.5	39,325,000	8.0	56,000,000
OKLA.				
OREGON.	23.0	6,210,000	11.0	4,411,000
PENN.				
R. I.				
S. C.				
S. D.	6.3	22,050,000	14.0	50,344,000
TENN.				
TEXAS.				
UTAH.	25.0	1,900,000	27.0	2,430,000
VT.	25.0	25,000	20.0	60,000
VA.				
WASH.	21.5	19,350,000	13.6	18,360,000
W. VA.				
WIS.	16.6	1,776,000	21.2	3,095,000
WYO.	22.0	2,090,000	22.0	2,766,000
U. S.	8.8	158,142,000	12.6	232,758,000
Latest.	8.8	155,765,000	12.5	223,754,000

BEANS—DRY EDIBLE—1917.

The following table represents the December estimate of the crop for 1917. It is the largest average and crop on record:

State.	Yield, Per		Produc-tion, Bushels.
	Planted, Acres.	Acre.	
ME.	33,000	10.0	330,000
N. H.	19,000	10.0	190,000
VT.	10,000	10.0	100,000
MASS.	4,000	10.0	40,000
N. Y.	210,000	7.5	1,575,000
N. J.	8,000	10.0	80,000
PENN.	13,000	8.0	104,000
W. VA.	18,000	8.0	144,000
OHIO.	7,000	5.0	35,000
IND.	5,000	12.0	60,000
MICH.	639,000	5.5	3,515,000
WIS.	35,000	7.5	262,000
IOWA.	7,000	6.0	42,000
MO.	9,200	10.0	92,000
TENN.	10,000	6.0	60,000
COLO.	193,000	7.6	1,467,000
N. M.	213,000	4.5	958,000
ARIZ.	19,000	8.0	152,000
WASH.	16,000	8.0	128,000
CALIF.	558,000	14.4	8,035,000
ALL OTHER.	100,000	8.5	850,000
U. S.	2,117,200	8.6	15,701,000
Six States.	1,821,000	8.8	16,045,000

SPRING WHEAT CROP OF 1918.

The spring wheat acreage for 1918 exhibited an increase over former records, which was greatly desired, and resulted in the largest crop on record. This, however, was offset by the winter wheat record, which placed total wheat second to 1915, the year of the record crop.

State.	Acreage, 1917.	Acreage, 1918.	Est. Bushels, 1918.
ALA.			
ARIZ.			
ARK.			
CALIF.			
CONN.			
COLO.	264,000	312,000	6,240,000
DEL.			
FLA.			
GA.			
IDAHO.	345,000	469,000	9,849,000
ILL.		180,000	4,812,000
IND.		7,000	161,000
IOWA.	339,000	650,000	11,700,000
KAS.	48,000	51,000	408,000
KY.			
LA.			
MAINE.	11,000	23,000	575,000
MD.			
MASS.		10,000	
MICH.		35,000	672,000
MINN.	3,832,000	4,038,000	84,798,000
MISS.			
MO.			
MONT.	1,122,000	1,380,000	17,250,000
NEB.	450,000	512,000	6,400,000
NEV.	37,000	39,000	975,000
N. H.			
N. J.			
N. M.	55,000	79,000	1,896,000
N. Y.		50,000	1,065,000
N. C.			
N. D.	7,150,000	7,630,000	99,190,000
OHIO.		15,000	322,000
OKLA.			
OREGON.	351,000	441,000	4,851,000
PENN.			
R. I.			
S. C.			
S. D.	3,325,000	2,243,000	80,617,000
TEXAS.			
UTAH.	91,000	104,000	2,756,000
VT.	3,000	10,000	220,000
VA.			
WASH.	1,350,000	1,728,000	16,416,000
W. VA.			
WIS.	142,000	333,000	7,992,000
WYO.	124,000	160,000	400,000
U. S.	19,039,000	22,489,000	363,195,000

BROOM CORN CROP, 1916-18.

State.	1916. Tons.	1917. Tons.	1918. Tons.
ILLINOIS.	6,681	8,250	9,500
KANSAS.	5,943	12,000	13,500
TEXAS.	847	688	14,500
OKLAHOMA.	22,420	26,250	26,000
COLORADO.	2,835	4,650	7,000

Total Above.	38,726	51,838	70,500
Latest.	38,726	57,400	58,000

BROOM CORN—1918.

The early estimate for broom corn was very much larger than earlier in the season. The crop is practically limited to five states, of which Oklahoma is the most important.

State.	Per Cent. of		Price Per Ton.
	Planted, Acres.	Pro-duction, Tons.	
ILL.	31,000	103	8,500 \$468.00
KAS.	63,000	105	9,300 275.00
TEXAS.	50,000	...	13,000 267.00
OKLA.	140,000	80	16,100 260.00
COLO.	30,000	100	52,100 175.00
Total.	314,000	105	52,100 \$300.28
Latest.	333,000	105	58,000 \$234.00

In the year 1784 David Landreth established himself near Philadelphia in market gardening, nursery and seed-growing business.

A mill for the manufacture of cotton was erected at Beverly, Mass., in 1787.

Final Corn Estimate, 1917.

This is the United States government final corn production estimate of 1917. It will be noticed that Illinois produced the largest amount of corn, with Iowa a close second. The largest yield per acre is in Connecticut, but the acreage is small:

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.....	4,825,000	16.0	77,200,000
ARIZ.....	32,000	27.0	864,000
ARK.....	2,800,000	24.0	67,200,000
CALIF.....	75,000	32.0	2,400,000
COLO.....	532,000	20.0	10,640,000
CONN.....	95,000	51.0	4,845,000
DEL.....	230,000	34.0	7,820,000
FLA.....	925,000	15.0	13,875,000
GA.....	4,500,000	16.0	72,000,000
IDA.....	22,000	31.0	682,000
ILL.....	11,000,000	38.0	418,000,000
IND.....	5,651,000	36.0	203,436,000
IOWA.....	11,100,000	37.0	410,700,000
KAS.....	9,156,000	14.0	128,184,000
KY.....	3,900,000	31.5	122,850,000
LA.....	2,347,000	18.0	42,246,000
ME.....	20,000	39.0	780,000
MD.....	720,000	39.0	28,080,000
MASS.....	61,000	46.0	2,806,000
MICH.....	1,750,000	21.5	37,625,000
MINN.....	3,000,000	30.0	90,000,000
MISS.....	4,100,000	20.5	84,050,000
MO.....	7,200,000	35.0	252,000,000
MONT.....	81,000	12.5	1,012,000
NEB.....	9,210,000	27.0	249,480,000
NEV.....	2,000	30.0	60,000
N. H.....	26,000	42.0	1,092,000
N. J.....	227,000	43.0	12,771,000
N. M.....	170,000	20.0	3,400,000
N. Y.....	840,000	31.0	26,040,000
N. C.....	3,000,000	20.0	60,000,000
N. D.....	590,000	9.0	5,310,000
OHIO.....	3,500,000	38.0	150,100,000
OKLA.....	3,900,000	8.5	33,150,000
ORE.....	42,000	30.0	1,260,000
PENN.....	1,575,000	39.5	62,212,000
R. I.....	13,000	42.0	546,000
S. C.....	2,313,000	19.0	43,947,000
S. D.....	3,350,000	29.0	97,150,000
TENN.....	3,900,000	28.5	111,150,000
TEXAS.....	7,075,000	11.0	77,825,000
UTAH.....	20,000	25.0	500,000
VT.....	54,000	47.0	2,538,000
VA.....	2,450,000	29.5	72,275,000
WASH.....	41,000	37.0	1,517,000
W. VA.....	834,000	30.0	25,020,000
WIS.....	1,918,000	22.0	42,196,000
WYO.....	33,000	20.0	660,000
U. S.....	119,755,000	26.4	3,159,494,000
Latest.....	116,730,000	26.3	3,065,233,000

Corn on Farms.

Every year, March 1st, the grain on farms is reported. These figures are valuable, as they are comparative.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
PENN.....	21,762,000	21,632,000	16,965,000
VA.....	15,358,000	31,492,000	27,446,000
N. C.....	27,624,000	29,232,000	21,996,000
GA.....	29,120,000	32,475,000	30,380,000
OHIO.....	45,669,000	61,420,000	32,413,000
IND.....	58,794,000	76,380,000	54,144,000
ILL.....	99,011,000	142,272,000	88,972,000
MICH.....	19,530,000	15,680,000	9,075,000
WIS.....	18,863,000	4,899,000	10,343,000
MINN.....	26,390,000	9,016,000	18,572,000
IOWA.....	140,193,000	86,565,000	110,048,000
MO.....	38,016,000	70,948,000	31,707,000
S. D.....	23,400,000	28,275,000	21,019,000
NEB.....	71,320,000	87,330,000	73,112,000
KAS.....	29,221,000	70,540,000	13,205,000
KY.....	34,675,000	44,100,000	36,176,000
TENN.....	32,964,000	42,849,000	32,110,000
ALA.....	26,634,000	33,150,000	17,275,000
MISS.....	25,641,000	32,376,000	15,708,000
LA.....	13,124,000	17,589,000	17,029,000
TEXAS.....	28,704,000	50,055,000	35,397,000
OKLA.....	10,000,000	33,630,000	10,665,000
ARK.....	11,340,000	26,082,000	13,992,000
U. S.....	910,894,000	1,116,559,000	789,416,000

CORN CROP OF 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, estimating acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.....	4,636,000	14.6	67,686,000
ARIZ.....	34,000	28.0	952,000
ARK.....	2,700,000	13.0	35,100,000
CALIF.....	85,000	35.0	2,975,000
COLO.....	527,000	21.0	11,067,000
CONN.....	56,000	50.0	2,800,000
DEL.....	235,000	31.0	7,285,000
FLA.....	880,000	16.0	14,080,000
GA.....	4,590,000	15.0	68,850,000
IDAHO.....	23,000	40.0	920,000
ILL.....	9,900,000	35.5	351,450,000
IND.....	5,138,000	33.0	169,554,000
IOWA.....	10,434,000	36.0	375,624,000
KAS.....	6,130,000	7.1	43,223,000
KY.....	3,600,000	26.0	93,600,000
LA.....	1,850,000	16.0	29,600,000
MAINE.....	27,000	45.0	1,215,000
MD.....	686,000	35.0	24,010,000
MASS.....	40,000	52.0	2,080,000
MICH.....	1,610,000	30.0	48,300,000
MINN.....	2,750,000	40.0	110,000,000
MISS.....	3,900,000	17.0	66,300,000
MO.....	6,693,000	20.0	133,800,000
MONT.....	100,000	21.0	2,100,000
NEB.....	6,954,000	17.7	123,086,000
NEV.....	2,000	32.0	64,000
N. H.....	28,000	45.0	1,260,000
N. J.....	279,000	41.0	11,439,000
N. M.....	170,000	25.0	4,250,000
N. Y.....	820,000	36.0	29,520,000
N. C.....	3,065,000	21.0	64,365,000
N. D.....	484,000	19.0	9,196,000
OHIO.....	3,700,000	36.0	133,200,000
OKLA.....	3,250,000	7.5	24,375,000
OREGON.....	44,000	31.0	1,364,000
PENN.....	1,560,000	40.0	62,400,000
R. I.....	13,000	44.0	572,000
S. C.....	2,250,000	17.0	38,250,000
S. D.....	3,182,000	34.0	104,188,000
TENN.....	3,500,000	24.0	84,000,000
TEXAS.....	6,900,000	10.0	69,000,000
UTAH.....	24,000	28.0	672,000
VT.....	45,000	38.0	1,710,000
VA.....	2,000,000	28.0	56,000,000
WASH.....	43,000	38.0	1,634,000
W. VA.....	800,000	31.0	24,800,000
WIS.....	1,717,000	40.5	69,538,000
WYO.....	40,000	25.0	1,000,000
U. S.....	107,494,000	24.0	2,582,814,000

WHAT BECOMES OF THE CORN CROP.

The following represents the United States Department of Agriculture idea of the disposition of the corn crop:

	Consumption on Farms.	Per Cent. of Entire Crop.
Horses and Mules.....	728,000,000	27.0
Swine.....	724,000,000	26.3
Cattle (other than Milch.)	254,000,000	9.4
Milch Cows.....	231,000,000	8.6
Poultry.....	97,000,000	3.6
Human Beings.....	92,000,000	3.4
Sheep.....	60,000,000	2.2
Seed.....	23,000,000	.8
Other, or doubtful.....	103,000,000	3.8
Total.....	2,312,000,000	85.6
	City Disposition.	Per Cent. of Total.
Used in Flour Mills.....	245,000,000	9.1
Glucose and Starch.....	40,000,000	1.5
Manufacture of Distilled Liquors.....	21,000,000	.8
Manufacture of Malt Liquors	14,000,000	.5
Used for Feed in Towns.....	120,000,000	4.4
Exported.....	45,000,000	1.7
Balance indefinite.....	28,000,000	1.0
Total.....	513,000,000	19.0

Thomas Booth, founder of a Shorthorn cattle family, commenced breeding at Killyberry, in Yorkshire, in the year 1790.

King George, III., introduced Merino sheep in England in the year 1788. They did not thrive in that country.

Oats Crop—Final, 1917.

The oats crop of 1917 was estimated in December to be the largest ever grown. The state of Iowa produced the largest number of bushels; the state of Illinois raised a few bushels less than Iowa. Illinois produced an average of fifty-two bushels to the acre, against forty-seven bushels an acre in Iowa:

State.	Planted Acres.	Yield Per Acre.	Production Bushels.
ALA.	540,000	18.0	9,720,000
ARIZ.	10,000	40.0	400,000
ARK.	340,000	28.0	9,520,000
CALIF.	196,000	35.0	6,860,000
COLO.	293,000	38.0	11,134,000
CONN.	20,000	33.0	660,000
DEL.	4,000	32.0	128,000
FLA.	55,000	14.0	770,000
GA.	650,000	16.0	10,400,000
IDA.	275,000	38.0	10,450,000
ILL.	4,700,000	52.0	244,400,000
IND.	1,820,000	42.0	76,440,000
IOWA.	5,250,000	47.0	246,750,000
KAS.	2,284,000	31.0	70,804,000
KY.	310,000	26.0	8,060,000
LA.	84,000	22.3	1,873,000
ME.	170,000	29.0	4,930,000
MD.	47,000	34.0	1,457,000
MASS.	12,000	37.0	444,000
MICH.	1,550,000	36.5	56,575,000
MINN.	3,250,000	37.0	120,250,000
MISS.	300,000	19.0	5,700,000
MO.	1,480,000	40.0	59,200,000
MONT.	680,000	20.0	13,600,000
NEB.	3,038,000	38.0	115,444,000
NEV.	14,000	40.0	560,000
N. H.	14,000	38.0	532,000
N. J.	73,000	34.0	2,482,000
N. M.	45,000	30.0	1,350,000
N. Y.	1,275,000	35.0	44,625,000
N. C.	340,000	17.0	5,780,000
N. D.	2,575,000	15.0	38,625,000
OHIO.	1,775,000	44.0	78,100,000
OKLA.	1,150,000	23.0	26,450,000
ORE.	365,000	25.0	9,125,000
PENN.	1,175,000	35.0	41,125,000
R. I.	2,000	31.0	62,000
S. C.	400,000	15.0	6,000,000
S. D.	1,925,000	34.0	65,450,000
TENN.	300,000	24.5	7,350,000
TEXAS.	1,425,000	26.0	37,050,000
UTAH.	100,000	44.0	4,400,000
VT.	88,000	36.0	3,168,000
VA.	225,000	24.5	5,512,000
WASH.	292,000	38.5	11,242,000
W. VA.	143,000	27.0	3,861,000
WIS.	2,250,000	44.0	99,000,000
WYO.	263,000	36.0	9,468,000
U. S.	43,572,000	36.4	1,587,286,000
Latest.	43,353,000	36.6	1,592,740,000

Tobacco Crop—1917.

State.	Planted Acres.	Yield Per Acre.	Production Pounds.
ALA.	200	730	146,000
ARK.	300	700	210,000
CONN.	21,000	1,400	29,540,000
FLA.	3,100	1,100	3,410,000
GA.	1,600	1,000	1,600,000
ILL.	700	800	560,000
IND.	14,800	950	14,060,000
KY.	474,000	900	426,600,000
MD.	28,600	790	22,594,000
LA.	600	350	210,000
MASS.	8,400	1,409	11,833,000
MO.	3,000	940	2,820,000
N. H.	100	1,670	167,000
N. Y.	2,500	1,250	3,125,000
N. C.	325,000	630	204,750,000
OHIO.	103,200	960	99,072,000
PENN.	41,500	1,400	58,100,000
S. C.	72,000	710	51,120,000
TENN.	101,000	810	81,810,000
TEXAS.	200	670	134,000
VT.	100	1,650	165,000
VA.	185,000	700	129,500,000
W. VA.	11,300	800	9,040,000
W. VA.	11,300	800	9,040,000
U. S.	1,446,000	827	1,196,451,000
Latest.	1,518,000	823	1,249,608,000

OATS CROP OF 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, estimating acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acre.	Production Bushels.
ALA.	428,000	19.0	8,132,000
ARIZ.	11,000	40.0	440,000
ARK.	442,000	25.5	11,271,000
CALIF.	175,000	32.0	5,600,000
COLO.	293,000	33.0	9,669,000
CONN.	24,000	38.0	912,000
DEL.	5,000	35.0	175,000
FLA.	60,000	18.0	1,080,000
GA.	600,000	20.0	12,000,000
IDAHO.	237,000	40.0	9,480,000
ILL.	4,508,000	44.0	198,352,000
IND.	2,025,000	42.0	85,050,000
IOWA.	5,466,000	42.0	229,572,000
KAS.	2,329,000	32.0	74,528,000
KY.	400,000	24.0	9,600,000
LA.	80,000	25.0	2,000,000
MAINE.	169,000	40.0	6,760,000
MD.	60,000	33.0	1,980,000
MASS.	12,000	40.0	480,000
MICH.	1,658,000	40.0	66,320,000
MINN.	3,282,000	41.0	134,562,000
MISS.	280,000	20.0	5,600,000
MO.	1,524,000	29.0	44,196,000
MONT.	680,000	30.0	20,400,000
NEB.	2,531,000	22.2	56,188,000
NEV.	14,000	38.0	532,000
N. H.	24,000	38.0	912,000
N. J.	85,000	40.0	3,400,000
N. M.	45,000	28.0	1,260,000
N. Y.	1,260,000	41.0	51,660,000
N. C.	325,000	20.0	6,500,000
N. D.	2,575,000	23.5	60,512,000
OHIO.	1,800,000	14.0	25,200,000
OKLA.	1,380,000	24.0	33,120,000
OREGON.	361,000	25.0	9,025,000
PENN.	1,210,000	39.0	47,190,000
R. I.	2,000	42.0	84,000
S. C.	500,000	22.0	11,000,000
S. D.	2,160,000	39.0	84,240,000
TENN.	325,000	25.0	8,125,000
TEXAS.	1,510,000	14.7	22,197,000
UTAH.	98,000	45.0	4,410,000
VT.	103,000	41.0	4,223,000
VA.	225,000	23.0	5,175,000
WASH.	310,000	27.0	8,370,000
W. VA.	160,000	27.0	4,320,000
WIS.	2,364,000	46.6	110,162,000
WYO.	285,000	41.0	11,685,000
U. S.	44,400,000	34.6	1,538,359,009

TOBACCO—1918.

The tobacco crop of 1918 showed increased acreage, and the largest crop since 1910 and probably the largest on record. Kentucky, North Carolina, Virginia and Ohio are the leading tobacco states.

State.	Planted Acres.	Per Cent. of 1917.	Production Pounds.
ALA.	200	100	110,000
ARK.	300	100	180,000
CONN.	22,600	107	39,826,000
FLA.	4,600	150	4,554,000
GA.	2,900	180	3,030,000
ILL.	700	100	563,000
IND.	16,300	110	14,890,000
KY.	431,300	91	369,739,000
LA.	300	50	107,000
MD.	28,600	100	23,672,000
MASS.	9,200	110	16,499,000
MO.	3,100	101	2,790,000
N. H.	100	100	182,000
N. Y.	3,000	120	3,567,000
N. C.	341,200	105	240,444,000
OHIO.	115,600	112	112,363,000
PENN.	45,600	110	66,284,000
S. C.	86,400	120	64,161,000
TENN.	77,800	77	61,594,000
TEXAS.	200	100	109,000
VT.	100	100	181,000
VA.	196,100	106	162,371,000
W. VA.	13,600	120	11,213,000
WIS.	53,100	110	75,933,000
U. S.	1,452,900	100	1,265,362,000
Latest.	1,549,000	100	1,340,019,000

The New England Farmer, a volume of over 300 pages, was published at Worcester, Mass., in 1790.

TAME HAY CROP—1918.

The tame hay crop of 1918 is eighteen million tons less than the largest crop. New York, Pennsylvania, Iowa and Illinois lead in quantity for the year. The average production per acre is not up to the average.

State.	Area, Acreage.	Per Cent. of 1917.	Pro-duction, Tons.
ALA.	1,622,000	112	1,622,000
ARIZ.	149,000	95	477,000
ARK.	402,000	103	482,000
CALIF.	2,376,000	99	2,970,000
COLO.	951,000	98	2,045,000
CONN.	340,000	97	442,000
DEL.	83,000	106	104,000
FLA.	104,000	104	119,000
GA.	535,000	100	482,000
IDAHO.	667,000	92	1,934,000
ILL.	3,052,000	111	4,029,000
IND.	2,210,000	103	3,204,000
IOWA.	3,128,000	99	4,098,000
KAS.	1,478,000	100	2,069,000
KY.	1,072,000	110	1,394,000
LA.	260,000	100	338,000
MAINE.	1,137,000	98	1,308,000
MD.	475,000	107	639,000
MASS.	437,000	95	524,000
MICH.	2,481,000	97	2,555,000
MINN.	1,702,000	92	2,383,000
MISS.	227,000	87	272,000
MO.	2,989,000	94	2,600,000
MONT.	767,000	101	1,150,000
NEB.	1,701,000	107	2,381,000
NEV.	218,000	93	567,000
N. H.	496,000	98	570,000
N. J.	350,000	100	490,000
N. M.	192,000	95	422,000
N. Y.	4,185,000	100	5,189,000
N. C.	444,000	101	577,000
N. D.	522,000	95	574,000
OHIO.	2,925,000	100	3,890,000
OKLA.	531,000	101	680,000
OREGON.	815,000	97	1,467,000
PENN.	3,123,000	101	4,154,000
R. I.	59,000	98	77,000
S. C.	250,000	100	275,000
S. D.	720,000	98	1,152,000
TENN.	981,000	110	1,324,000
TEXAS.	450,000	100	450,000
UTAH.	388,000	99	912,000
VT.	926,000	98	1,204,000
V.A.	892,000	105	1,115,000
WASH.	751,000	93	1,352,000
W. VA.	798,000	101	998,000
WIS.	2,406,000	89	3,296,000
WYO.	571,000	102	1,199,000
U. S.	53,386,000	100	71,555,000
Latest.	55,971,000	100	71,555,000

STOCKS OF HAY IN UNITED STATES.

Year.	Production of All Hay Preceding Year.	Per Cent. on Farms, May 1, 1918.	Tons on Farms, May 1, 1918.	Price Per Ton, Apr. 15, (Wild).	Price Per Ton, May 1, 1918.
1910.	81,216,000	11.5	10,053,000	12.21	.....
1911.	82,529,000	12.4	10,222,000	12.29	.....
1912.	67,071,000	8.5	5,732,000	17.64	.....
1913.	90,734,000	14.9	13,523,000	11.13	.....
1914.	79,179,000	12.2	9,631,000	12.32	.....
1915.	88,686,000	12.2	10,797,000	11.82	8.58
1916.	107,263,000	13.5	14,452,000	12.22	7.56
1917.	110,992,000	11.4	12,659,000	14.44	10.94
1918.	94,930,000	11.7	11,096,000	\$17.97	\$14.47

BEANS.

Bean production for three years, as reported by the United States Department of Agriculture. All these figures are estimates, and are often changed, the latest, of course, being final.

State.	1916. Bushels.	1917. Bushels.	1918. Bushels.
N. Y.	1,140,000	1,575,000	1,444,000
MICH.	3,102,000	3,294,000	4,911,000
COLO.	424,000	1,188,000	1,852,000
N. M.	425,000	667,000	1,620,000
ARIZ.	48,000	152,000	160,000
CALIF.	5,576,000	8,091,000	7,815,000
Total.	10,715,000	14,967,000	17,802,000

In the year 1792 Pierre Legaux, a Frenchman, together with a number of Philadelphia people, set out a vineyard at Springmill, on the Schuylkill river.

WILD HAY CROP—1918.

The wild hay crop is not one that increases, the total tons for 1918 being about 6,000,000 tons less than in 1915, and the average per acre is less.

State.	Area, Acres.	Per Cent. of 1917.	Pro-duction, Tons.
ALA.	35,000	100	35,000
ARIZ.	13,000	90	13,000
ARK.	86,000	98	71,000
CALIF.	182,000	81	173,000
COLO.	451,000	100	424,000
CONN.	13,000	99	14,000
DEL.	10,000	101	11,000
FLA.	9,000	97	10,000
GA.	13,000	103	12,000
IDAHO.	113,000	97	124,000
ILL.	101,000	105	131,000
IND.	60,000	95	72,000
IOWA.	615,000	100	738,000
KAS.	1,305,000	100	848,000
KY.	5,000	101	5,000
LA.	30,000	100	30,000
MAINE.	21,000	100	21,000
MD.	5,000	100	6,000
MASS.	21,000	100	21,000
MICH.	38,000	105	40,000
MINN.	1,786,000	94	2,054,000
MISS.	35,000	88	38,000
MO.	136,000	98	102,000
MONT.	482,000	90	362,000
NEB.	2,888,000	94	2,368,000
NEV.	144,000	80	101,000
N. H.	21,000	100	21,000
N. J.	30,000	101	39,000
N. M.	29,000	90	20,000
N. Y.	69,000	98	69,000
N. C.	38,000	98	42,000
N. D.	2,115,000	97	1,904,000
OHIO.	2,000	98	3,000
OKLA.	600,000	100	336,000
OREGON.	176,000	89	194,000
PENN.	14,000	98	13,000
R. I.	1,000	98	1,000
S. C.	10,000	100	10,000
S. D.	3,185,000	98	3,185,000
TENN.	28,000	101	34,000
TEXAS.	214,000	95	128,000
UTAH.	64,000	96	70,000
VT.	11,000	99	12,000
V.A.	9,000	105	9,000
WASH.	26,000	91	35,000
W. VA.	6,000	100	7,000
WIS.	318,000	102	413,000
WYO.	300,000	100	330,000
U. S.	15,863,000	96	14,699,000
Latest.	15,283,000	96	14,374,000

WHEAT ON HAND THREE YEARS.

This table is of wheat held in country mills on March 1st of 1913, 1914 and 1918:

State.	1913. Bushels.	1914. Bushels.	1918. Bushels.
N. Y.	536,000	612,000	587,000
PENN.	3,571,000	3,935,000	3,183,000
MD.	898,000	1,136,000	803,000
VA.	1,547,000	1,591,000	2,509,000
OHIO.	1,464,000	4,212,000	3,703,000
IND.	1,210,000	4,773,000	2,337,000
ILL.	982,000	3,770,000	2,128,000
MICH.	980,000	1,789,000	1,217,000
WIS.	463,000	476,000	852,000
MINN.	10,726,000	8,845,000	6,956,000
IOWA.	1,928,000	1,312,000	668,000
MO.	4,275,000	5,542,000	2,479,000
N. D.	24,449,000	8,674,000	6,160,000
S. D.	8,350,000	5,096,000	5,202,000
NEB.	4,955,000	5,609,000	3,205,000
KAS.	8,306,000	6,089,000	2,297,000
KY.	1,166,000	1,072,000	728,000
TENN.	920,000	1,428,000	386,000
TEXAS.	1,764,000	2,048,000	486,000
OKLA.	3,215,000	1,575,000	1,070,000
MONT.	.....	2,274,000	2,874,000
WASH.	16,118,000	9,594,000	5,844,000
All Other.	20,577,000	11,275,000	15,685,000
U. S.	118,400,000	93,627,000	68,972,000

The King of Spain presented a jack and jennet to General George Washington. The jack was called the Royal Gift. This was in 1787.

In the year 1790 a great improvement in the treadle cotton gin was made by Joseph Eve, of Providence, R. I., then residing in the Bahamas.

White Potatoes—1917.

The crop of white potatoes in 1917 exceeded previous records and came at the right time. New York is the banner potato state, so far as quantity grown is concerned, but the average quantity per acre belongs to Nevada, where the actual acreage is small.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.	41,000	72.0	2,952,000
ARIZ.	4,000	105.0	420,000
ARK.	30,000	80.0	2,400,000
CALIF.	105,000	145.0	15,525,000
COLO.	70,000	133.0	9,310,000
CONN.	29,000	110.0	3,190,000
DEL.	13,000	95.0	1,235,000
FLA.	25,000	91.0	2,275,000
GA.	19,000	84.0	1,596,000
IDA.	39,000	156.0	6,084,000
ILL.	150,000	90.0	13,500,000
IND.	92,000	92.0	8,464,000
IOWA.	138,000	95.0	13,110,000
KAS.	78,000	57.0	4,446,000
KY.	70,000	96.0	6,720,000
LA.	25,000	64.0	1,600,000
ME.	150,000	135.0	20,250,000
MD.	60,000	100.0	6,000,000
MASS.	38,000	115.0	4,370,000
MICH.	378,000	95.0	35,910,000
MINN.	300,000	112.0	33,600,000
MISS.	14,000	78.0	1,092,000
MO.	109,000	87.0	9,483,000
MONT.	57,000	95.0	5,415,000
NEB.	147,000	85.0	12,495,000
NEV.	15,000	207.0	3,105,000
N. H.	21,000	107.0	2,247,000
N. J.	98,000	114.0	11,172,000
N. M.	11,000	116.0	1,276,000
N. Y.	400,000	95.0	38,000,000
N. C.	50,000	90.0	4,500,000
N. D.	90,000	43.0	3,870,000
OHIO.	160,000	100.0	16,000,000
OKLA.	36,000	69.0	2,484,000
ORE.	75,000	108.0	8,100,000
PENN.	321,000	92.0	29,532,000
R. I.	5,000	135.0	675,000
S. C.	15,000	96.0	1,440,000
S. D.	80,000	90.0	7,200,000
TENN.	52,000	94.0	4,888,000
TEXAS.	46,000	60.0	2,760,000
UTAH.	23,000	189.0	4,347,000
VT.	30,000	100.0	3,000,000
VA.	200,000	99.0	19,800,000
WASH.	79,000	125.0	9,875,000
W. VA.	65,000	115.0	7,475,000
WIS.	307,000	114.0	34,998,000
WYO.	30,000	155.0	4,650,000
U. S.	4,390,000	100.8	442,536,000

POTATO PRODUCTION, 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, showing acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.	60,000	80	4,800,000
ARIZ.	5,000	85	425,000
ARK.	43,000	50	2,400,000
CALIF.	90,000	143	12,870,000
COLO.	72,000	158	11,376,000
CONN.	26,000	95	2,470,000
DEL.	11,000	87	957,000
FLA.	35,000	100	3,500,000
GA.	23,000	70	1,610,000
IDAHO.	29,000	180	5,220,000
ILL.	160,000	72	11,520,000
IND.	97,000	80	7,760,000
IOWA.	134,000	72	9,648,000
KAS.	80,000	53	4,240,000
KY.	75,000	75	5,625,000
LA.	55,000	79	4,345,000
MAINE.	112,000	200	22,400,000
MD.	50,000	80	4,000,000
MASS.	36,000	133	4,788,000
MICH.	340,000	84	28,560,000
MINN.	312,000	105	32,760,000
MISS.	20,000	80	1,600,000
MO.	114,000	61	6,954,000
MONT.	52,000	135	7,020,000
NEB.	121,000	86	10,406,000
NEV.	9,000	171	1,539,000
N. H.	21,000	140	2,940,000
N. J.	92,000	92	8,464,000
N. M.	10,000	100	1,000,000
N. Y.	380,000	92	34,960,000
N. C.	45,000	95	4,275,000
N. D.	90,000	99	8,910,000
OHIO.	160,000	69	11,040,000
OKLA.	37,000	34	1,258,000
OREGON.	50,000	110	5,500,000
PENN.	305,000	80	24,400,000
R. I.	5,000	130	650,000
S. C.	28,000	102	2,856,000
S. D.	90,000	91	8,190,000
TENN.	50,000	70	3,500,000
TEXAS.	60,000	55	3,300,000
UTAH.	20,000	130	2,600,000
VT.	26,000	130	3,380,000
VA.	125,000	94	11,750,000
WASH.	65,000	132	8,580,000
W. VA.	60,000	87	5,220,000
WIS.	295,000	112	33,040,000
WYO.	30,000	150	4,500,000
U. S.	4,210,000	95	400,106,000

Wheat Supply and Consumption.

The following tabulation was prepared in the United States Department of Agriculture to show the per capita production of wheat.

Year.	Production, Bushels.	Export, Bushels.	Consumption, Bushels.	Carried Over, Bushels.
1900	6.87	2.84	...	1.16
1901	9.64	3.02	6.85	1.24
1902	8.46	2.56	6.18	.96
1903	7.89	1.49	6.53	.86
1904	6.70	.53	6.35	...
1905	8.24	1.16	6.58	1.18
1906	8.58	1.71	6.50	1.53
1907	7.26	1.87	6.17	.77
1908	7.47	1.28	6.48	.48
1909	8.14	.96	6.74	.92
1910	6.89	.75	6.08	.98
1911	6.62	.85	5.93	.82
1912	7.65	1.50	6.03	.94
1913	7.87	1.50	6.53	.78
1914	9.03	2.37	5.89	.65
1915	10.09	2.50	6.55	1.59
1916	6.00	...	...	...

In 1792 the British Wool Society of England mentions sheep of Morfe common near Bridgnorth, spotted-faced Polled breed, origin of Shropshires.

Vineyards were planted in Jessamine county, Kentucky, by a colony of Swiss grape growers in 1793.

Production of Soy Beans, 1917.

Soy beans are grown for various purposes the same as cowpeas. After figuring the grain yield and the hay yield, there is the plowed under and grazed area, the quantity put in silos, also to be considered.

State.	Acre- age Planted.	Grain Yield, Bushels.	Hay Yield, Tons.
ARK.	15,000	...	...
ILL.	30,000	...	...
IND.	100,000	7,000	8,000
KY.	57,000	108,000	80,000
MD.	2,000	...	...
MISS.	31,000	72,000	15,000
MO.	20,000	94,000	5,000
N. D.	120,000	840,000	90,000
N. J.	2,000	11,000	...
N. Y.	7,000	...	...
OHIO.	12,000	14,000	...
PENN.	8,000	40,000	...
S. C.	11,000	...	...
TENN.	50,000	50,000	120,000
VA.	50,000	...	...
VT.	8,000	...	...
W. VA.	5,000	4,000	8,000
WIS.	3,000	...	2,000
Total	531,000	1,188,000	328,000

BREEDING SOWS ON FARMS.

The number of breeding sows on farms in the United States is ascertained on the first of April every year by the United States Department of Agriculture. For instance, in 1914 the total was 8,916,000; in 1915 the total reached 9,382,000; and in 1916 the total reached 9,402,000. We now present the statement for the three years, including April 1, 1919. These figures are especially interesting for the reason that we have now the largest number of swine in the country on record.

State.	1917.	1918.	1919.
ME.	18,000	19,000	19,000
N. H.	9,000	10,000	10,000
VT.	18,000	19,000	19,000
MASS.	15,000	16,000	18,000
R. I.	2,000	2,000	2,000
CONN.	12,000	13,000	14,000
N. Y.	110,000	117,000	123,000
N. J.	20,000	21,000	22,000
PENN.	138,000	145,000	154,000
DEL.	7,000	8,000	8,000
MD.	42,000	45,000	46,000
VA.	110,000	119,000	123,000
W. VA.	45,000	49,000	51,000
N. C.	150,000	150,000	158,000
S. C.	90,000	95,000	98,000
GA.	260,000	278,000	295,000
FLA.	90,000	101,000	106,000
OHIO.	440,000	493,000	503,000
IND.	530,000	625,000	631,000
ILL.	700,000	791,000	799,000
MICH.	200,000	210,000	218,000
WIS.	333,000	360,000	374,000
MINN.	380,000	399,000	427,000
IOWA.	1,594,000	1,865,000	1,828,000
MO.	670,000	770,000	739,000
N. D.	115,000	004,000	104,000
S. D.	250,000	262,000	272,000
NEB.	687,000	811,000	730,000
KAS.	340,000	340,000	340,000
KY.	167,000	175,000	178,000
TENN.	142,000	168,000	176,000
ALA.	155,000	174,000	186,000
MISS.	131,000	147,000	150,000
LA.	120,000	124,000	120,000
TEXAS.	313,000	269,000	282,000
OKLA.	180,000	133,000	150,000
ARK.	123,000	135,000	139,000
MONT.	43,000	37,000	35,000
WYO.	13,000	13,000	13,000
COLO.	65,000	67,000	70,000
N. M.	13,000	12,000	10,000
ARIZ.	12,000	10,000	8,000
UTAH.	13,000	16,000	16,000
NEV.	5,000	5,000	5,000
IDAHO.	26,000	22,000	22,000
WASH.	37,000	36,000	35,000
OREGON.	42,000	42,000	41,000
U. S.	9,072,000	9,937,000	9,970,000

SORGHUM FOR SYRUP—1918.

Alabama has a long lead in the production of sorghum for syrup over any other state, producing nearly half the crop. The production in 1918 is about 4,000,000 gallons less than in 1917.

State.	Planted, Acres.	Pro- duction, 1917.	Gallons.
ALA.	163,200	85	14,326,000
ARK.	15,980	94	992,000
FLA.	189	106	22,000
GA.	10,000	100	960,000
ILL.	9,603	108	834,000
IND.	7,697	115	745,000
IOWA.	4,347	175	430,000
KAS.	3,194	100	187,000
KY.	33,250	96	2,981,000
LA.	447	98	29,300
MINN.	1,480	120	146,000
MISS.	9,359	90	764,000
MO.	21,600	108	1,804,000
NEB.	386	194	27,000
N. M.	30	100	2,000
N. C.	11,058	97	1,082,000
OHIO.	6,012	150	522,000
OKLA.	7,612	100	282,000
S. C.	3,482	98	274,000
TENN.	22,500	90	1,955,000
TEXAS.	8,772	102	462,000
UTAH.	224	115	31,000
VA.	3,571	110	368,000
W. VA.	5,443	110	554,000
WIS.	2,268	125	194,000
U. S.	351,704	93	29,973,000
Latest.	372,600	93	29,234,000

BARLEY CROP OF 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, estimating acres planted, yield per acre and production in bushels.

State.	Planted, Acres.	Yield Per Acre.	Produc- tion, Bushels.
ARIZ.	30,000	34.0	1,020,000
CALIF.	1,320,000	26.0	34,320,000
COLO.	176,000	28.0	4,928,000
DEL.	.....	.....	.....
FLA.	.....	.....	.....
GA.	.....	.....	.....
IDAHO.	175,000	28.0	4,900,000
ILL.	250,000	36.0	9,000,000
IND.	45,000	37.0	1,665,000
IOWA.	360,000	31.5	11,340,000
KAS.	604,000	10.0	6,040,000
KY.	7,000	28.0	196,000
LA.	.....	.....	.....
MAINE.	12,000	25.0	300,000
MD.	6,000	31.0	186,000
MASS.	.....	.....	.....
MICH.	275,000	30.3	8,332,000
MINN.	1,400,000	31.0	43,400,000
MISS.	.....	.....	.....
MO.	10,000	25.0	250,000
MONT.	87,000	22.0	1,914,000
NEB.	343,000	16.5	5,660,000
NEV.	12,000	34.0	408,000
N. H.	1,000	32.0	32,000
N. J.	.....	.....	.....
N. M.	14,000	28.0	392,000
N. Y.	125,000	31.5	3,938,000
N. C.	.....	.....	.....
N. D.	1,734,000	21.5	37,281,000
OHIO.	100,000	31.5	3,150,000
OKLA.	8,000	17.0	136,000
OREGON.	178,000	25.0	4,450,000
PENN.	15,000	28.0	420,000
R. I.	.....	.....	.....
S. C.	.....	.....	.....
S. D.	1,400,000	29.5	41,300,000
TENN.	8,000	23.0	184,000
TEXAS.	10,000	17.0	170,000
UTAH.	32,000	35.0	1,120,000
VT.	16,000	31.0	496,000
VA.	12,000	27.0	324,000
WASH.	173,000	15.2	2,630,000
W. VA.	.....	.....	.....
WIS.	711,000	35.7	25,383,000
WYO.	30,000	37.0	1,110,000
U. S.	9,679,000	26.5	256,375,000

One of the early veterinary colleges was established at Copenhagen, in Denmark, in 1773.

As an experiment, Mr. Charles Colling, Shorthorn cattle breeder, used a bull in 1792 which was half Shorthorn and half Galloway. This was called the "alloy" strain and was afterwards bred out.

In the year 1790 the Hungarian government established a stud of Arab horses at Babolna, under the Department of Agriculture, for the purpose of raising army horses.

In the year 1790 Small's swing plow and Meikle's threshing machine were brought into general use.

Before the year 1786 cotton was a domestic manufacture amongst Southern planters. A letter from Thomas Jefferson said: "The four southernmost states make a great deal of cotton. Their poor are almost entirely clothed with it in winter and summer."

Eclipse, the peerless thoroughbred horse, died in 1789 at the age of 25. He was sire of 334 winners at the race course. Owned by Mr. O. Kelly.

In the year 1789 General Lafayette presented a fine Maltese Jack to General Washington, named the Knight of Malta.

In the year 1780 the practice of drilling and horse-hoeing crops introduced into Northumberland, a northern country of England.

First extensive production of sea island cotton. Thomas Proctor raised 5,000 pounds upon a plantation near Savannah, Ga., in 1788.

The Rye Crop—1917.

The rye crop of 1917 was the largest on record and amounted to 60,145,000 bushels, against 48,862,000 bushels in 1916, and 64,050,000 bushels in 1915. The largest 1917 yield was in North Dakota, and the largest yield per acre in Connecticut.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.	4,000	9.5	38,000
ARIZ.	000	00.0	000
ARK.	2,000	13.5	27,000
CALIF.	000	00.0	000
COLO.	27,000	16.0	432,000
CONN.	7,000	20.5	144,000
DEL.	1,000	16.0	16,000
FLA.	000	00.0	000
GA.	15,000	8.5	128,000
IDA.	2,000	15.5	31,000
ILL.	43,000	17.5	752,000
IND.	200,000	15.0	3,000,000
IOWA.	50,000	18.0	900,000
KAS.	76,000	15.0	1,140,000
KY.	30,000	12.5	375,000
LA.	000	00.0	000
ME.	000	00.0	000
MD.	24,000	16.0	384,000
MASS.	3,000	19.0	57,000
MICH.	341,000	15.0	5,115,000
MINN.	410,000	18.5	7,585,000
MISS.	000	00.0	000
MO.	30,000	14.7	441,000
MONT.	9,000	12.7	114,000
NEB.	215,000	15.6	3,351,000
NEV.	000	00.0	000
N. H.	000	00.0	000
N. J.	69,000	18.5	1,276,000
N. M.	000	00.0	000
N. Y.	135,000	19.2	2,565,000
N. C.	52,000	10.0	520,000
N. D.	1,040,000	9.5	9,880,000
OHIO.	90,000	18.0	1,620,000
OKLA.	9,000	10.0	90,000
ORE.	31,000	11.5	356,000
PENN.	260,000	17.0	4,420,000
R. I.	000	00.0	000
S. C.	17,000	10.0	170,000
S. D.	350,000	16.0	5,600,000
TENN.	12,000	10.0	120,000
TEXAS.	2,000	10.0	20,000
UTAH.	13,000	8.0	104,000
VT.	1,000	20.0	20,000
VA.	77,000	15.0	1,155,000
WASH.	7,000	12.7	89,000
W. VA.	20,000	13.5	270,000
WIS.	410,000	18.5	7,585,000
WYO.	18,000	14.0	252,000
U. S.	4,102,000	14.7	60,145,000
Latest.	4,317,000	14.6	62,933,000

COTTON ACREAGE—1918.

The crop of 1917 in bales in given, also the acreage planted in 1918. The latest estimate of the 1918 crop is 11,818,000 bales. The largest cotton crop was 16,135,000 bales, in 1914.

State.	1917 Crop, Bales.	1918 Planted, Acreage.	Per Cent. of 1917.
ALA.	517,890	2,622,000	130
ARIZ.	21,737	92,000	200
ARK.	973,752	2,922,000	104
CALIF.	57,826	191,000	125
FLA.	37,858	167,000	89
GA.	1,883,911	5,432,000	103
LA.	638,729	1,533,000	106
MISS.	905,554	3,264,000	116
MO.	60,831	158,000	98
N. C.	617,989	1,609,000	103
OKLA.	959,081	3,161,000	109
S. C.	1,236,871	2,995,000	104
TENN.	240,525	926,000	102
TEXAS.	3,125,378	11,910,000	102
VA.	18,777	51,000	97
OTHER.	5,666	17,000	106
U. S.	11,302,375	37,073,000	106.2
Latest.	11,700,000	35,890,000	104.2

In 1788 Swedish turnip and potato oat was added to farm crops in England and Scotland.

Almy & Brown established a cotton mill at Pawtucket, R. I., in 1790.

RYE PRODUCTION, 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, estimating acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.	4,000	11.0	44,000
ARIZ.	000	00.0	000
ARK.	2,000	10.5	21,000
CALIF.	000	00.0	000
COLO.	27,000	12.0	324,000
CONN.	11,000	22.0	242,000
DEL.	1,000	14.5	14,000
FLA.	000	00.0	000
GA.	20,000	8.8	176,000
IDAHO.	4,000	15.0	60,000
ILL.	200,000	19.0	3,800,000
IND.	410,000	16.5	6,765,000
IOWA.	54,000	19.0	1,026,000
KAS.	170,000	14.3	2,431,000
KY.	65,000	13.6	884,000
LA.	000	00.0	000
MAINE.	000	00.0	000
MD.	30,000	15.0	450,000
MASS.	4,000	20.0	80,000
MICH.	472,000	14.3	6,750,000
MINN.	435,000	20.0	8,700,000
MISS.	000	00.0	000
MO.	30,000	14.0	420,000
MONT.	20,000	12.0	240,000
NEB.	388,000	12.9	5,005,000
NEV.	000	00.0	000
N. H.	000	00.0	000
N. J.	73,000	18.5	1,350,000
N. M.	000	00.0	000
N. Y.	112,000	16.5	1,848,000
N. C.	60,000	8.0	480,000
N. D.	1,945,000	10.5	20,422,000
OHIO.	111,000	17.0	1,887,000
OKLA.	8,000	11.0	88,000
OREGON.	41,000	12.0	492,000
PENN.	350,000	17.0	4,250,000
R. I.	000	00.0	000
S. C.	18,000	11.2	202,000
S. D.	575,000	18.0	10,350,000
TENN.	30,000	10.0	300,000
TEXAS.	4,000	5.4	22,000
UTAH.	16,000	13.0	208,000
VT.	1,000	21.0	21,000
VA.	100,000	12.0	1,200,000
WASH.	7,000	10.0	70,000
W. VA.	22,000	13.7	301,000
WIS.	436,000	17.6	7,674,000
WYO.	25,000	18.0	450,000
U. S.	6,185,000	14.4	89,103,000

The Cotton Crop.

The Department of Agriculture in December gives us an estimate by states of the cotton crop of 1917. We present it, together with the enumeration of the crop of 1916 and the five-year average from 1911 to 1915, inclusive. The small crop of 1917 was selling at 27.7 cents a pound in December, 1917, against 10 cents a pound, the December average for the five-year period.

State.	Five-year Average, Bales.	1916, Bales.	1917, Bales.
VIRGINIA.	23,762	27,127	16,000
N. CAROLINA.	872,830	654,603	570,000
GEORGIA.	2,297,697	1,820,939	1,820,000
FLORIDA.	64,787	41,449	40,000
ALABAMA.	1,465,301	533,402	505,000
MISSISSIPPI.	1,152,041	811,794	895,000
LOUISIANA.	399,007	443,182	615,000
TEXAS.	4,180,240	3,725,700	3,115,000
ARKANSAS.	927,273	1,134,033	895,000
TENNESSEE.	358,538	382,422	206,000
MISSOURI.	60,871	62,699	51,000
OKLAHOMA.	957,106	823,526	890,000
CALIFORNIA.	23,846	43,624	67,000
ALL OTHER.	8,296	13,604	29,000

U. S.	14,175,872	11,449,930	10,949,000
Latest.			11,302,375

Tomatoes were first used in catsup in New Orleans in the year 1779.

ALL WHEAT—FULL CROP, 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, estimating acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.....	140,000	9.5	1,330,000
ARIZ.....	38,000	26.0	988,000
ARK.....	251,000	12.0	3,048,000
CALIF.....	506,000	15.0	7,590,000
COLO.....	742,000	18.0	13,335,000
CONN.....			
DEL.....	133,000	13.0	1,729,000
FLA.....			
GA.....	356,000	10.2	3,631,000
IDAHO.....	845,000	21.4	18,043,000
ILL.....	2,774,000	22.0	60,991,000
IND.....	2,353,000	21.0	49,427,000
IOWA.....	1,050,000	18.7	19,650,000
KAS.....	7,248,000	14.1	102,008,000
KY.....	933,000	13.0	12,129,000
LA.....			
LAINE.....	23,000	22.0	506,000
MD.....	732,000	15.5	11,346,000
MASS.....			
MICH.....	754,000	14.2	10,716,000
MINN.....	3,799,000	21.0	79,710,000
MISS.....	30,000	16.5	495,000
MO.....	3,092,000	13.0	53,154,000
MONT.....	2,002,000	12.3	25,434,000
NEB.....	3,828,000	11.3	43,141,000
NEV.....	42,000	25.5	1,070,000
N. H.....			
N. J.....	100,000	17.0	1,700,000
N. M.....	213,000	15.7	3,334,000
N. Y.....	430,000	18.2	7,840,000
N. C.....	1,015,000	7.0	7,105,000
N. D.....	7,770,000	13.0	101,010,000
OHIO.....	2,290,000	19.0	43,547,000
OKLA.....	2,611,000	12.6	32,899,000
OREGON.....	1,058,000	14.7	15,228,000
PENN.....	1,454,000	17.0	24,718,000
R. I.....			
S. C.....	205,000	11.0	2,255,000
S. D.....	3,765,000	18.9	71,305,000
TENN.....	750,000	10.0	7,500,000
TEXAS.....	892,000	10.0	8,920,000
UTAH.....	320,000	20.2	6,464,000
VT.....	18,000	22.0	396,000
VA.....	1,300,000	12.0	15,600,000
WASH.....	2,191,000	12.1	26,429,000
W. VA.....	348,000	14.2	4,942,000
WIS.....	406,000	24.2	9,837,000
WYO.....	260,000	25.4	6,600,000
U. S.....	59,110,000	15.5	917,100,000

Acreage of Non-food Crops.

The following statement shows the acreage planted in cotton, flax and sorghum cane from and including the year 1909:

Year.	Cotton, Acres.	Flax, Acres.	Sorghum Cane, Acres.
1909.....	30,938,000	2,083,000	189,000
1910.....	32,403,000	2,467,000	184,000
1911.....	36,045,000	2,757,000	170,000
1912.....	34,283,000	2,851,000	165,000
3 Years.....	102,731,000	8,075,000	519,000
1913.....	37,089,000	2,291,000	159,000
1914.....	36,832,000	1,645,000	150,000
1915.....	31,412,000	1,387,000	164,000
3 Years.....	105,335,000	5,323,000	473,000
1916.....	34,985,000	1,474,000	157,000
1917.....	33,841,000	1,809,000	378,000
1918.....	37,073,000	1,967,000	352,000
3 Years.....	105,899,000	5,250,000	887,000

ORIGINAL RED POLLED CATTLE.

In the year 1792 Arthur Young, of West Suffolk, in England, mentions "universally Polled cattle, red, brindle or yellowish-cream color, famous for their quantity of milk;" the original Red Polled cattle.

The first exportation of cotton, eight bags, weighing in all 1,200 pounds, was in 1784.

The Macartney rose was brought to England from China by Lord Macartney in 1793.

CHERRY TREES AND PRODUCTION.

The production of cherries increased in the United States from 2,873,499 bushels in 1889 to 4,126,009 bushels in the year 1909. Since then we have no records. At the beginning of the year 1910 there were 11,822,044 trees of bearing age on 1,248,667 farms, and on 488,163 farms the 5,621,660 trees not of bearing age were growing up. The value of the cherries grown in the United States in the last census year was estimated at \$7,231,160.

State.	Trees of Bearing Age.	Trees Not of Bearing Age.	Crop, 1889, Bushels.	Crop, 1909, Bushels.
ALA.....	25,566	16,673	1,159	3,588
ARIZ.....	812	1,608	220	476
ARK.....	60,046	47,556	7,889	5,993
CAL.....	522,304	300,603	318,960	5,010,013
COLO.....	203,806	319,624	5,387	88,937
CONN.....	12,119	5,720	12,271	3,617
DEL.....	16,145	4,598	8,066	2,631
D. C.....	435	4	248	235
FLA.....	366	498	112	374
GA.....	50,723	23,479	5,950	4,979
IDA.....	61,881	95,623	12,294	22,609
ILL.....	843,283	239,405	204,279	287,376
IND.....	815,742	251,959	228,485	363,993
IA.....	908,764	229,352	118,743	260,452
KAS.....	661,267	237,051	60,511	34,409
KY.....	212,118	102,766	34,258	52,163
LA.....	975	760	336	527
ME.....	14,288	6,653	1,550	2,403
MD.....	82,305	27,774	60,452	42,315
MASS.....	13,396	6,776	6,043	4,761
MICH.....	760,183	540,580	194,541	338,945
MINN.....	25,139	35,399	960	1,526
MISS.....	13,748	9,267	2,352	2,819
MO.....	622,332	247,425	62,708	123,314
MONT.....	19,938	24,237	807	7,497
NEB.....	494,168	267,529	54,047	89,876
NEV.....	1,558	787	114	481
N. H.....	9,463	6,326	1,183	1,403
N. J.....	102,124	36,743	82,005	44,636
N. M.....	21,925	26,818	5,228	6,384
N. Y.....	673,089	342,959	218,642	271,597
N. C.....	168,065	74,111	33,899	53,788
N. D.....	5,076	21,434	4	209
OHIO.....	1,144,271	342,328	192,954	338,614
OKLA.....	295,042	150,541	3,221	2,372
ORE.....	223,456	313,770	65,347	181,089
PENN.....	1,075,031	280,251	474,940	475,093
R. I.....	964	453	1,329	214
S. C.....	60,274	25,764	6,551	10,987
S. D.....	51,613	76,293	900	5,924
TENN.....	201,830	128,406	11,688	36,303
TEX.....	29,439	43,712	663	1,062
UTAH.....	79,775	109,118	9,903	21,402
VT.....	18,006	6,659	1,069	2,506
VA.....	352,783	83,323	188,693	132,671
WASH.....	241,038	229,067	52,114	131,302
W. VA.....	332,429	124,567	87,828	79,230
WIS.....	290,495	148,775	31,067	81,340
WYO.....	919	4,025	1	68

Total. 11,822,044 5,621,660 2,873,499 4,126,009
(This statement will not appear again.)

AN EXTINCT VARIETY.

Other sheep, with a long body and short, crooked legs, originated from a malformed twin ram in 1791. Efforts were made to preserve this sporadic variety on account of its inability to run and jump and thus escape from an enclosure. In the Eastern States it promised to become a distinct species, but it has disappeared. Imagining that the ewe had been frightened by an otter (then occasionally seen in the vicinity) people called it the Otter sheep. This statement is from Harper's "Book of Facts."

THE ORCHID FLOWER.

Commodore Gardner sent orchid plants of *Empendrum*, fragrant from the woods of Jamaica, in the year 1789. One flowered two years after and was the first orchid figured in the *Botanical Magazine*.

On the Island of Jersey an act of the local Legislature prohibiting the importation of any foreign breed of cattle was passed in 1789.

A BUTCHER'S IMPORTATION.

In the year 1791 Mr. Henton, a butcher, who had settled in New York about 1775, imported some Shorthorn cattle from the herd of Mr. George Culley, of Northumberland. What became of them is unknown.

WHEAT PLANTING—FALL, 1918.

The Agricultural Department has issued a recommendation for winter wheat planting in 1918, which is an average of seven per cent. over the 1917 planting. The tabulated statement herewith shows the largest winter wheat acreage planted in the different states heretofore and the recommendation is also given to show the reasonableness of the desired action.

State.	Maxi- mum Acre- age Planted.	Maxi- mum Now Sug- gested.	Per Cent. Acre- age.
ALA.....	144,000	158,000	105
ARIZ.....	44,000	48,000	105
ARK.....	288,000	317,000	105
CALIF.....	489,000	538,000	105
COLO.....	462,000	508,000	105
DEL.....	146,000	160,000	105
GA.....	428,000	514,000	105
IDAHO.....	405,000	405,000	125
ILL.....	2,934,000	3,200,000	113
IND.....	2,820,000	3,100,000	110
IOWA.....	525,000	900,000	131
KAN.....	9,479,000	9,479,000	100
KY.....	968,000	1,142,000	110
MD.....	737,000	811,000	105
MICH.....	963,000	941,000	100
MINN.....	89,000	89,000	100
MISS.....	36,000	45,000	110
MO.....	2,875,000	3,235,000	108
MONT.....	775,000	775,000	100
NEB.....	3,674,000	3,762,000	117
NEV.....	23,000	10,000	100
N. J.....	99,000	104,000	102
N. M.....	270,000	283,000	102
N. Y.....	512,000	563,000	103
N. C.....	1,179,000	1,297,000	105
OHIO.....	2,145,000	2,500,000	109
OKLA.....	3,400,000	3,400,000	100
OREGON.....	692,000	692,000	105
PENN.....	1,530,000	1,681,000	103
S. C.....	270,000	297,000	105
S. D.....	182,000	182,000	111
TENN.....	901,000	1,010,000	110
TEXAS.....	1,730,000	1,730,000	107
UTAH.....	256,000	275,000	105
VA.....	1,463,000	1,609,000	105
WASH.....	1,156,000	850,000	180
W. VA.....	355,000	390,000	105
WIS.....	112,000	112,000	100
WYO.....	84,000	92,000	105
U. S.....	44,640,000	47,206,000	107

NOTE.—States that suffered from drouth conditions were not asked to increase wheat acreage. In Michigan, Wisconsin, Minnesota and South Dakota, larger increase of winter wheat acreage is not suggested, because of heavy increases suggested for rye. The actual planting of fall wheat crop of 1919 is estimated at 42,170,000 acres.

WHEAT ON FARMS, 1915, 1916, 1917.

This table shows the amount of wheat reported as being on farms on the 1st of March for several years. A separate table shows the amount of wheat on farms on March 1st, 1918.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
PENN.....	5,462,000	8,612,000	4,702,000
MD.....	2,368,000	2,568,000	2,048,000
VA.....	2,598,000	4,922,000	2,925,000
N. C.....	2,126,000	2,551,000	1,796,000
OHIO.....	8,038,000	12,055,000	3,240,000
IND.....	6,486,000	10,028,000	2,527,000
ILL.....	5,550,000	9,576,000	1,460,000
MICH.....	3,983,000	5,725,000	2,448,000
MINN.....	10,314,000	19,844,000	5,787,000
IOWA.....	3,013,000	4,556,000	1,672,000
MO.....	6,933,000	5,798,000	1,492,000
N. D.....	15,502,000	39,512,000	11,011,000
S. D.....	6,945,000	17,853,000	5,958,000
NEB.....	10,899,000	23,436,000	15,081,000
KAN.....	30,124,000	25,569,000	10,782,000
KY.....	1,254,000	1,188,000	641,000
TEXAS.....	1,547,000	2,813,000	924,000
OKLA.....	4,793,000	5,052,000	1,775,000
MONT.....	3,488,000	10,545,000	4,871,000
COLO.....	2,036,000	3,167,000	2,020,000
IDAHO.....	2,442,000	3,933,000	2,110,000
WASH.....	5,021,000	7,713,000	4,516,000
OREGON.....	1,826,000	3,004,000	2,737,000
U. S.....	152,903,000	244,448,000	101,365,000
U. S., on Farms, March 1st, 1918..			111,272,000

FALL WHEAT PLANTING, 1917-1918.

A statement issued December, 1918, by the United States Department of Agriculture in December, 1918, shows extent of wheat planting in autumn of 1917 (as revised a year after planting) and the preliminary estimate for the autumn of 1918. The increase or decrease in planting in 1918 over 1917, by percentage, is also shown.

State.	1917. Acres.	Per Cent.	1918. Acres.
ALA.....	144,000	120	173,000
ARIZ.....	44,000	95	42,000
ARK.....	260,000	137	356,000
CALIF.....	633,000	142	899,000
COLO.....	585,000	107	626,000
CONN.....	000	000	000
DEL.....	146,000	106	155,000
GA.....	400,000	102	408,000
IDAHO.....	315,000	105	351,000
ILL.....	2,602,000	125	3,252,000
IND.....	2,370,000	122	2,891,000
IOWA.....	375,000	200	75,000
KAN.....	9,897,000	113	11,184,000
KY.....	952,000	111	1,057,000
MD.....	770,000	106	816,000
MASS.....	000	000	000
MICH.....	941,000	106	997,000
MINN.....	85,000	87	74,000
MISS.....	36,000	117	42,000
MO.....	3,120,000	136	4,243,000
MONT.....	775,000	91	705,000
NEB.....	3,135,000	112	3,511,000
NEV.....	5,000	101	5,000
N. J.....	106,000	106	112,000
N. M.....	140,000	130	182,000
N. Y.....	450,000	106	477,000
N. C.....	1,035,000	99	1,025,000
N. D.....	000	000	000
OHIO.....	2,350,000	111	2,608,000
OKLA.....	3,264,000	110	3,590,000
OREGON.....	650,000	125	812,000
TENN.....	765,000	106	811,000
S. C.....	210,000	99	208,000
S. D.....	135,000	80	108,000
TENN.....	705,000	106	811,000
TEXAS.....	1,622,000	130	2,109,000
UTAH.....	165,000	104	172,000
VT.....	000	000	000
VA.....	1,313,000	101	1,326,000
WASH.....	422,000	235	992,000
W. VA.....	355,000	105	373,000
WIS.....	112,000	92	103,000
WYO.....	87,000	96	84,000
U. S.....	42,301,000	116	49,261,000

FARM TENURE—WHITE AND COLORED.

There were 6,361,502 farms in the United States in the last census year. Of the total 5,440,619 were conducted by white farmers and 920,993 were conducted by colored farmers. Of white farmers in ten years there was an increase of 9.5 per cent., or 471,011 farms, and there was an increase of 19.9 per cent. of colored farmers, or 153,119 farms:

WHITE FARMERS.

Tenure.	Year. 1900.	Year. 1910.	Increase. Per Cent.
Owners.....	3,025,931	3,159,088	133,157 4.4
Part Owners.....	420,875	548,413	127,538 30.3
Managers.....	57,261	56,560	-701 -1.2
On Shares.....	988,539	1,140,215	151,676 15.3
Cash Rent.....	477,002	536,343	59,341 12.4
Total U. S....	4,969,608	5,140,619	471,011 9.5

COLORED FARMERS.

Owners.....	Year. 1900.	Year. 1910.	Increase. Per Cent.
Part Owners.....	176,016	195,809	19,793 11.2
Managers.....	30,501	45,412	14,911 48.9
On Shares.....	1,824	1,544	-280 15.4
Cash Rent.....	284,700	388,174	103,414 36.3
Total U. S....	274,603	289,944	15,218 5.6
Total U. S....	767,764	920,883	153,119 19.9
All Farms...	5,737,372	6,361,502	624,130 10.9

Olive trees planted at San Diego, Calif., in the year 1760, are still in bearing.

A mill for the manufacture of cotton was erected on James Island, South Carolina, in 1787.

In the year 1784 Charles Colling, of Ketton Hall, England, bought a cow at Darlington market of Thomas Appleby for \$85, which he afterwards named Duchess—original stock cow of the famous Shorthorn Duchesses.

Sweet Potatoes, 1915-1916.

The sweet potato crop of 1914 was 56,574,000 bushels; of 1915 it was 75,639,000 bushels; and in 1916 the crop was 70,955,00 bushels. The area in 1914 was 603,000 acres; in 1915 the area was 731,000 acres; and in 1916 the ground devoted to raising sweet potatoes was 774,000 acre.

State.	1915.		1916.	
	Yield Per Acre.	Pro-duction, Bushels.	Yield Per Acre.	Pro-duction, Bushels.
ALA.....	90	7,200,000	74	6,290,000
ARK.....	130	3,900,000	91	3,185,000
CAL.....	135	810,000	160	960,000
DEL.....	135	675,000	125	625,000
FLA.....	112	2,576,000	100	2,500,000
GA.....	85	8,075,000	80	7,520,000
ILL.....	110	880,000	90	720,000
IND.....	104	208,000	100	300,000
IOWA.....	95	285,000	91	273,000
KAS.....	110	440,000	92	368,000
KY.....	105	1,050,000	90	900,000
LA.....	92	5,980,000	90	5,760,000
MD.....	130	1,040,000	126	1,134,000
MISS.....	110	8,250,000	82	6,314,000
MO.....	100	700,000	70	490,000
N. J.....	155	3,565,000	100	2,300,000
N. C.....	105	8,925,000	107	9,309,000
OHIO.....	95	95,000	99	99,000
OKLA.....	115	1,380,000	74	962,000
PENN.....	105	105,000	100	100,000
S. C.....	105	6,825,000	86	5,676,000
TENN.....	105	2,835,000	100	2,700,000
VA.....	110	3,740,000	130	5,070,000
W. VA.....	110	220,000	140	280,000
U. S. . .	103.5	75,639,000	91.7	70,955,000

SWEET POTATOES—1917.

The 1917 crop of sweet potatoes, as estimated by the United States Department of Agriculture, is a large crop. Georgia shows largely increased production, and the general average per acre is much the same as in 1916. The acreage increased from 774,000 in 1916 to 953,000 acres in 1917.

State.	1917.		1916.	
	Planted Acres.	Yield Per Acre.	Pro-duction, Bushels.	Yield Per Acre.
ALA.....	178,000	90	16,020,000	90
ARK.....	40,000	110	4,400,000	110
CALIF.....	6,000	167	1,002,000	167
DEL.....	5,000	112	560,000	112
FLA.....	35,000	100	3,500,000	100
GA.....	125,000	93	11,625,000	93
ILL.....	8,000	97	776,000	97
IND.....	3,000	106	318,000	106
IOWA.....	3,000	90	270,000	90
KAS.....	4,000	92	368,000	92
KY.....	12,000	95	1,140,000	95
LA.....	62,000	79	4,898,000	79
MD.....	10,000	118	1,180,000	118
MISS.....	85,000	65	5,525,000	65
MO.....	8,000	112	896,000	112
N. J.....	24,000	120	2,880,000	120
N. M.....	2,000	118	236,000	118
N. C.....	90,000	95	8,550,000	95
OHIO.....	1,000	95	95,000	95
OKLA.....	15,000	90	1,350,000	90
PENN.....	1,000	110	110,000	110
S. C.....	80,000	95	7,600,000	95
TENN.....	30,000	95	2,850,000	95
TEXAS.....	84,000	78	6,552,000	78
W. VA.....	40,000	104	4,160,000	104
U. S.....	953,000	91.4	87,141,000	91.4
Latest.....	19,000	91.2	83,822,000	91.2

THE ORANGE RESULTS—1917.

Here we have a table showing the results in orange growing in Florida and California. The relative importance of California and Florida as orange-growing states can be ascertained from this table:

State.	1915.		1916.		1917.	
	Boxes.	Boxes.	Boxes.	Boxes.	Boxes.	Boxes.
FLA.....	6,150,000	6,933,000	4,200,000	4,200,000	4,200,000	4,200,000
CALIF.....	15,050,000	17,500,000	8,632,000	8,632,000	8,632,000	8,632,000
Total.....	21,200,000	24,433,000	12,832,000	12,832,000	12,832,000	12,832,000
Latest.....			10,593,000	10,593,000	10,593,000	10,593,000

SWEET POTATOES—CROP OF 1918.

Sweet potatoes increased in acreage and production, 1917 and 1918 being the banner years. The largest production per acre was in 1915 and the largest acreage in 1918.

State.	Per Cent.		Pro-duction, Bushels.
	Planted, Acres.	of 1917.	
ALA.....	190,000	107	16,568,000
ARK.....	37,000	92	3,120,000
CALIF.....	6,000	104	949,000
DEL.....	5,000	97	599,000
FLA.....	38,000	110	4,166,000
GA.....	129,000	103	11,519,000
ILL.....	8,000	97	734,000
IND.....	3,000	100	307,000
IOWA.....	3,000	90	283,000
KAS.....	4,600	100	288,000
KY.....	11,000	94	1,041,000
LA.....	60,000	97	4,244,000
MD.....	10,000	100	1,250,000
MISS.....	89,000	105	8,117,000
MO.....	8,000	102	699,000
N. J.....	23,000	96	2,893,000
N. M.....	2,000	100	272,000
N. C.....	81,000	90	8,081,000
OHIO.....	1,000	100	103,100
OKLA.....	15,000	101	794,100
PENN.....	1,000	101	108,000
S. C.....	80,000	100	7,387,000
TENN.....	28,000	95	2,576,000
TEXAS.....	87,000	104	4,902,000
VA.....	38,000	96	4,085,000
W. VA.....	2,000	100	218,000
U. S.....	953,000	101	85,473,000
Latest.....	922,000	100	83,822,000

FLAXSEED CROP OF 1918.

Flaxseed in a general way is a decreasing crop, and the crop of 1918 was not much over half the crop of 1912, when 2,851,000 acres were planted and 28,073,000 bushels were harvested.

State.	Per Cent.		Pro-duction, Bushels.
	Planted, Acres.	of 1917.	
COL.....	13,000	106	137,000
IOWA.....	32,000	95	157,000
KAS.....	233,000	106	2,447,000
MINN.....	6,000	102	42,000
MO.....	578,000	137	3,487,000
NEB.....	7,000	140	66,000
N. D.....	955,000	99	7,879,000
S. D.....	140,000	100	1,365,000
WYO.....	3,000	100	26,000
U. S.....	1,967,000	109	15,606,000
Latest.....	1,938,000	...	14,657,000

CLOVER SEED—1918.

State.	Per Cent.		Pro-duction, Bushels.
	Planted, Acres.	of 1917.	
IDAHO.....	19,000	105	97,900
ILL.....	97,000	135	172,000
IND.....	155,000	115	231,000
IOWA.....	21,000	125	30,000
KAS.....	7,000	90	12,000
MICH.....	93,000	116	160,000
MINN.....	18,000	73	34,000
MO.....	42,000	85	60,000
NEB.....	4,000	120	7,000
N. Y.....	5,000	104	11,000
OHIO.....	231,000	105	310,000
OREGON.....	8,000	50	19,000
PENN.....	12,000	115	17,000
TENN.....	6,000	107	10,000
WIS.....	78,000	60	161,000
U. S.....	819,000	100	1,383,000

SUGAR BEETS—1918.

State.	1918.		1917.
	Acres Planted.	Pro-duction, Tons.	Pro-duction, Tons.
CALIF.....	120,900	1,102,000	1,331,000
COLO.....	142,000	1,444,000	1,858,000
IDAHO.....	37,000	347,000	312,000
MICH.....	134,500	1,011,000	524,000
OHIO.....	36,100	319,000	220,000
UTAH.....	90,100	1,094,000	762,000
OTHER.....	128,400	1,144,000	973,000
Total.....	689,700	6,458,000	5,980,000
Latest.....	592,100	5,822,600	5,980,377

Milo Maize and Kafir Corn.

These crops have seldom been enumerated. They are in one class. In 1899 the census reported 266,513 acres devoted to the production of these crops and resulting in a production of 5,169,113 bushels. In 1909 the acreage was increased to 1,635,153 and the production to 17,597,305 bushels.

State.	Acreage, 1899.	Acreage, 1909.	Bush-els, 1899.	Bush-els, 1909.
ALA....	4	140	90	1,716
ARIZ....	1	801	50	18,739
ARIZ....	109	1,294	1,722	15,264
CALIF....	20,218	44,308	420,452	938,049
COLO....	18	11,971	502	159,234
CONN....				105
DEL....	2	4	65	25
FLA....		16		422
GA....	26	15	369	287
IDAHO....		9		140
ILL....	34	415	806	7,789
IND....	3	179	87	3,228
IOWA....	66	142	1,408	3,081
KAS....	154,706	388,495	3,063,781	5,115,415
KY....		190		2,404
LA....		213		2,132
MAINE....				
MD....	1	19	6	238
MASS....		21		1,317
MICH....		84		1,786
MINN....	43	75	1,096	3,335
MISS....	9	44	794	
MO....	1,990	13,543	38,497	228,386
MONT....		53		1,253
NEB....	742	2,016	13,607	20,212
NEV....		25		385
N. H....		13		350
N. J....		76		1,436
N. M....	138	63,570	4,473	543,350
N. Y....		227		5,082
N. C....	2	65	8	599
N. D....	25	23	375	1,444
N. O....	12	82	90	490
OKLA....	65,418	532,515	1,136,772	4,658,752
ORE....		4	24	617
PENN....	1	283	14	5,129
R. I....				
S. C....	21	139	230	1,315
S. D....		10	119	257
TENN....	10	119	257	1,530
TEXAS....	22,813	573,384	482,096	5,860,444
UTAH....				
VT....				
VA....	9	80	170	1,438
WASH....		4		47
W. VA....		26		467
WIS....	88	425	1,877	8,106
WYO....		17		410
Total.	266,513	1,635,750	5,169,113	17,597,305

MONTHLY PRICES OF WOOL.

The following table gives the United States estimated average price per pound to producers of unwashed wool, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
	Cts.	Cts.	Cts.	Cts.	Cts.
January.....	15.7	18.6	23.3	31.8	58.1
February.....	15.7	20.2	24.2	32.7	57.1
March.....	16.4	22.8	25.9	36.7	60.0
April.....	16.8	22.7	26.3	38.8	60.0
May.....	17.2	22.0	28.0	43.7	58.2
June.....	18.4	23.7	28.7	49.8	57.4
July.....	18.5	24.2	28.6	54.3	57.5
August.....	18.7	23.8	29.0	54.8	57.4
September.....	18.6	23.3	28.4	54.2	59.7
October.....	18.0	22.7	28.7	55.5	57.7
November.....	18.1	22.7	29.4	55.9	56.4
December.....	18.6	23.3	30.8	58.2	56.2
Average.....	17.6	22.5	27.6	47.2	58.0

In the year 1775, Count Orloff Tschismensky, a lover of horses, imported the grey Arabian stallion Smetanxa, and, crossing on Danish, Dutch and English mares, originated the breed of Russian trotters.

In the year 1775 the Empress Maria Theresa, of Austria, imported several hundred Saxony Merino sheep and placed them in Hungary at Merepail, where an agricultural school was established.

Timothy, Clover and Millets.

This is a basic table from the last census, showing the amount of timothy hay, timothy and clover mixed, also straight clover and the millets (including Hungarian grass) grown in the United States in a normal year, as follows:

State.	Timothy, Tons.	Mixed, Tons.	Clover, Tons.	Millets, Tons.
ALA....	4,566	4,169	7,544	15,228
ARIZ....	182	289	119	791
ARK....	35,113	72,190	18,369	14,652
CAL....	20,001	73,183	20,836	2,688
COLO....	33,482	84,636	3,695	35,263
CONN....	82,083	147,896	2,562	4,510
DEL....	22,588	31,387	27,467	1,081
D. C....	287	328	15	4
FLA....	747	1,201	1,618	936
GA....	3,237	4,153	2,266	3,983
IDA....	140,134	99,864	20,944	1,071
ILL....	1,947,572	1,123,254	539,790	46,918
IND....	1,442,218	524,385	314,818	25,147
IA....	1,952,956	3,732,186	195,579	54,340
KAS....	144,536	357,159	79,144	290,661
KY....	353,339	204,365	80,688	35,951
LA....	1,331	4,597	15,287	858
ME....	143,855	559,393	5,753	16,793
MD....	159,690	215,052	32,942	2,819
MASS....	153,622	249,817	3,145	15,276
MICH....	929,165	1,991,618	216,862	16,349
MINN....	1,101,510	1,433,075	106,334	50,383
MISS....	1,620	2,604	12,000	2,390
MO....	1,334,556	1,630,211	309,209	141,626
MONT....	171,030	156,039	24,094	4,742
NEB....	128,729	470,764	46,648	160,684
NEV....	21,395	26,157	120	467
N. H....	83,412	203,106	3,292	9,251
N. J....	116,700	236,490	9,475	1,921
N. M....	3,233	2,650	410	10,637
N. Y....	1,159,083	3,215,021	114,864	31,147
N. C....	16,011	39,050	39,445	3,529
N. D....	197,947	39,724	3,386	149,429
OHIO....	2,348,660	1,346,347	239,492	12,104
OKLA....	9,817	6,355	2,214	75,591
ORE....	67,339	129,278	83,909	1,690
PENN....	1,200,073	1,830,852	74,096	10,675
R. I....	21,992	28,292	295	1,392
S. C....	1,654	237	536	1,579
S. D....	248,927	218,371	4,194	65,844
TENN....	130,334	236,656	201,992	76,811
TEX....	916	468	878	95,352
UTAH....	34,214	24,115	1,793	876
VT....	179,847	623,098	6,640	13,667
VA....	169,881	366,744	63,056	14,589
WASH....	143,464	253,194	21,923	421
W. VA....	278,074	249,986	6,514	8,906
WIS....	1,110,446	2,477,311	193,786	9,851
WYO....	44,655	16,328	808	6,252
Total	17,985,420	24,748,555	3,158,324	1,546,533

SUGAR CANE AREA, 1909-18.

The following acreage is for ribbon cane only—not for sorghum—and is by the United States Department of Agriculture:

State.	Area, 1909, Prelim. (Census), Acres.	Area, 1918, Prelim. (Census), Acres.
NORTH CAROLINA.....	294	730
SOUTH CAROLINA.....	7,053	6,900
GEORGIA.....	37,046	67,300
FLORIDA.....	12,928	16,300
ALABAMA.....	27,211	81,000
MISSISSIPPI.....	24,361	17,600
LOUISIANA.....	329,684	315,000
TEXAS.....	34,315	25,100
ARKANSAS.....	3,330	3,350
OTHER STATES.....	127	
Total United States.....	476,849	533,880

To Mrs. Martin Logan, daughter of Robert Daniel, a Governor of North Carolina, is accorded the credit of publishing the first American treatise on gardening, which was written in her seventieth year in 1772.

In the year 1767 M. Buring, a Berlin merchant, laid a plan before the King of Prussia which led to the organization of Land Mortgage Associations in Germany, the first being organized much later in Braundenburg in 1880.

BEET SUGAR PRODUCTION.

This statement is dated April 1, 1919, and shows the production of sugar beets in the years 1917 and 1918, together with other information of value in the production of sugar beets.

Year.	Area Har-vested, Acres.	Beets Worked, Tons.	Average Per Acre, Tons.	Per Ton, \$.	Sugar Made, Tons.
CALIFORNIA.					
1917....	161,909	1,321,716	8.16	7.60	209,325
1918....	100,684	845,728	8.40	9.95	122,795
COLORADO.					
1917....	161,476	1,749,875	10.84	7.28	234,303
1918....	125,882	1,363,277	10.83	10.02	191,880
IDAHO.					
1917....	37,745	286,446	7.59	7.06	38,376
1918....	32,306	236,979	10.12	10.00	44,682
MICHIGAN.					
1917....	82,151	461,721	5.62	8.04	64,247
1918....	114,976	835,768	7.27	10.08	132,092
NEBRASKA.					
1917....	51,337	443,355	8.64	7.22	53,893
1918....	42,746	453,266	10.6	9.96	63,494
OHIO.					
1917....	24,234	202,624	8.36	7.18	21,467
1918....	32,547	291,064	8.94	10.03	35,476
UTAH.					
1917....	80,289	696,522	8.68	7.04	83,662
1918....	81,717	905,064	11.08	10.01	105,794
WISCONSIN.					
1917....	9,800	70,830	7.23	8.81	8,032
1918....	12,400	93,467	7.54	10.00	13,358
OTHER.					
1917....	55,586	392,456	7.03	7.28	48,902
1918....	50,752	408,423	8.05	9.86	55,492
UNITED STATES.					
1912....	555,300	5,224,377	9.41	5.82	692,556
1913....	580,006	5,659,462	9.76	5.69	733,401
1914....	483,400	5,288,500	10.9	5.45	722,054
1915....	611,301	6,150,293	10.1	5.67	874,220
1916....	665,308	5,919,673	8.90	6.12	820,657
1917....	664,797	5,625,515	8.46	7.39	765,207
1918....	594,010	5,523,036	9.30	10.00	765,063

ONE YEAR'S HEMP PRODUCTION.

Hemp growing is not prospering in this country. In 1879 the production was 10,870,720 pounds, and in 1889 it was increased to 25,636,880 pounds, and 24,178,560 pounds of that total were produced in Kentucky. In 1899 the total was reduced to 11,750,630 pounds, and of that amount 10,303,560 pounds were produced in Kentucky. The last census was taken in 1909; the hemp product was reduced to 7,483,295 pounds, and 6,420,232 pounds were produced in Kentucky. The table herewith represents the condition of the industry at the time of the last census.

State.	Farms Report- ing.	No. Acres.	Produc- tion, Pounds.	Value, Dollars.
CALIF.....	2	300	600,000	39,000
COLO.....	3	77	16,300	700
ILL.....	1	.....	50	5
IND.....	5	535	395,467	21,755
KY.....	490	6,855	6,420,232	348,386
LA.....	1	.....	20	2
ME.....	1	15	25,000	1,250
MD.....	13	.....	723	118
MO.....	1	15	5,500	283
N. M.....	1	1	50	12
OKLA.....	2	40	3,530	201
PENN.....	7	.....	7,192	387
TENN.....	4	.....	121	18
VA.....	2	2	2,600	151
WIS.....	3	7	6,510	426
Total.....	536	7,647	7,483,295	412,699

Imported Messenger (a thoroughbred). foaled in 1780, was imported to the United States in 1788 and died in 1808. He was of Arabian descent. First in list of original sources of American trotting blood. Great-grand sire of Rysdick's Hambletonian.

In the year 1779 J. H. Campbell, of Charlton Kent, England, fed and exhibited a famous Hereford ox at Greenwich. Live weight, 3,360 pounds; fore quarters, 1,016 pounds; hind quarters, 896 pounds; dressed weight, 1,912 pounds.

CORN ON FARMS.

This is a statement by the United States Department of Agriculture, showing the quantity of corn remaining on farms, March 1, 1917, 1918 and 1919.

State.	1917. Bushels.	1918. Bushels.	1919. Bushels.
ALA....	17,690,000	41,688,000	34,520,000
ARIZ....	77,000	173,000	190,000
ARK....	13,992,000	27,596,000	8,775,000
CALIF..	164,000	360,000	506,000
COLO..	1,914,000	3,724,000	3,320,000
CONN..	813,000	840,000	980,000
DEL....	3,067,000	3,988,000	3,497,000
FLA....	4,305,000	4,800,000	5,632,000
GA....	30,380,000	39,600,000	37,179,000
IDAHO..	81,000	33,000	83,000
ILL....	87,261,000	192,280,000	126,522,000
IND....	54,144,000	82,646,000	57,648,000
IOWA..	110,048,000	151,959,000	131,468,000
KAS....	13,205,000	33,328,000	6,964,000
KY....	36,176,000	51,739,000	34,632,000
LA....	17,029,000	12,312,000	8,880,000
ME....	64,000	105,000	219,000
MD....	11,320,000	13,650,000	11,045,000
MAS..	328,000	576,000	686,000
MICH..	9,075,000	6,920,000	10,626,000
MINN..	19,162,000	20,196,000	34,100,000
MISS..	15,708,000	38,030,000	29,335,000
MO....	31,707,000	101,430,000	36,142,000
MONT..	222,000	101,000	357,000
NEB....	73,112,000	139,709,000	34,464,000
NEV....	3,000	6,000	3,000
N. H....	175,000	211,000	328,000
N. J....	4,104,000	5,613,000	4,804,000
N. M....	394,000	680,000	808,000
N. Y....	3,570,000	5,084,000	7,675,000
N. C....	19,721,000	29,784,000	32,182,000
N. D....	1,487,000	159,000	828,000
OHIO..	31,752,000	61,541,000	38,628,000
OKLA..	10,665,000	6,298,000	2,925,000
OREGON.	134,666	126,000	136,900
PENN..	16,965,000	22,727,000	19,344,000
R. L....	89,000	224,000	240,000
S. C....	12,123,000	22,059,000	19,890,000
S. D....	21,019,000	30,016,000	38,948,000
TENN..	29,640,000	49,068,000	35,280,000
TEXAS..	34,884,000	12,144,000	10,350,000
UTAH..	34,000	70,000	81,300
VA....	310,000	520,000	305,000
W. VA..	23,460,000	28,350,000	25,760,000
W. VA..	6,094,000	7,200,000	7,688,000
WASH..	183,000	182,000	229,000
WIS....	10,343,000	4,220,000	19,471,000
WYO....	50,000	119,000	300,000
U. S....	782,303,000	1,252,290,000	884,476,000

HAY CROP BAILED.

About 23 per cent. of the entire hay crop is baled, according to estimates made by crop reporters of the Bureau of Crop Estimates. It is estimated that about 18,638,000 bales of tame or cultivated hay (24.4 per cent. of the tame-hay crop) and 2,751,000 bales of wild hay (18.1 per cent. of the wild-hay crop) will be baled from this year's crop.

Percentage of Hay Crop Usually Baled.

State.	Per Cent.	State.	Per Cent.
ALABAMA.....	48	NEBRASKA.....	18
ARIZONA.....	53	NEVADA.....	20
ARKANSAS.....	54	NEW HAMPSHIRE..	10
CALIFORNIA....	39	NEW JERSEY.....	20
COLORADO.....	22	NEW MEXICO.....	50
CONNECTICUT..	5	NEW YORK.....	23
DELAWARE.....	14	NORTH CAROLINA..	20
FLORIDA.....	39	NORTH DAKOTA..	3
GEORGIA.....	47	OHIO.....	28
IDAHO.....	19	OKLAHOMA.....	62
ILLINOIS.....	31	OREGON.....	25
INDIANA.....	30	PENNSYLVANIA....	19
IOWA.....	12	RHODE ISLAND..	3
KANSAS.....	29	SOUTH CAROLINA..	30
KENTUCKY.....	45	SOUTH DAKOTA....	8
LOUISIANA.....	50	TENNESSEE.....	40
MAINE.....	20	TEXAS.....	63
MARYLAND.....	28	UTAH.....	17
MASSACHUSETTS.	7	VERMONT.....	12
MICHIGAN.....	24	VIRGINIA.....	25
MINNESOTA.....	11	WASHINGTON....	29
MISSISSIPPI....	41	WEST VIRGINIA..	20
MISSOURI.....	34	WISCONSIN.....	15
MONTANA.....	78	WYOMING.....	20
Total United States.....	23		

In the year 1766 field seeds were first advertised in the New England Gazette.

GRAIN STATEMENT.

This is a summary showing the statement of leading grains on farms, shipped out and the price to producers, the basis being March 1, 1917, 1918 and 1919.

1917.	1918.	1919.
Wheat on Farms, March 1—Bushels.		
100,650,000	107,745,000	129,258,000
15.8	16.9	14.1
Per Cent. of Crop.		
Wheat Shipped Out—Bushels.		
361,088,000	325,500,000	538,333,000
56.7	51.1	58.7
Per Cent. of Crop.		
Wheat in Country Mills and Elevators—Bu.		
89,173,000	67,461,000	106,856,000
14.0	10.7	11.3
Price to Producers Per Bushel.		
164.4	202.7	208.0

CORN.

Corn on Farms, March 1—Bushels.		
782,303,000	1,253,290,000	884,476,000
30.5	40.9	34.2
Per Cent. of Crop.		
Corn Shipped Out—Bushels.		
450,589,000	678,027,000	374,604,000
17.6	22.1	14.5
Amount of Merchantable Corn—Bushels.		
2,154,487,000	1,837,728,000	2,129,764,000
85.9	60.0	82.5
Price to Producers Per Bushel.		
100.9	154.3	137.2

OATS.

Oats on Farms March 1—Bushels.		
394,211,000	599,208,000	588,421,000
31.5	37.6	38.2
Per Cent. of Crop.		
Corn Shipped Out March 1—Bushels.		
355,092,000	514,117,000	418,480,000
28.4	32.3	27.2
Price to Producers Per Bushel.		
56.9	86.2	62.6

BARLEY.

Barley on Farms March 1—Bushels.		
33,244,000	44,419,000	81,899,000
18.2	21.0	31.9
Per Cent. of Crop.		
Barley Shipped Out March 1—Bushels.		
79,257,000	81,056,000	100,151,000
43.5	39.7	39.1
Price to Producers Per Bushel.		
96.9	161.1	85.1

WHEAT IN COUNTRY MILLS.

This table is of wheat held in country mills on March 1st of 1916, 1917 and 1919.

State.	Bushels. 1916.	Bushels. 1917.	Bushels. 1919.
ILL.....	4,788,000	1,510,000	4,269,000
IND.....	5,925,000	1,944,000	4,448,000
IOWA.....	2,278,000	1,006,000	1,965,000
KAS.....	9,588,000	6,859,000	5,100,000
KY.....	2,277,000	1,202,000	2,426,000
MD.....	2,568,000	1,040,000	454,000
MICH.....	3,067,000	1,594,000	857,000
MINN.....	9,922,000	4,226,000	15,942,000
MO.....	5,457,000	1,989,000	3,721,000
MONT.....	8,014,000	6,018,000	5,595,000
NEB.....	9,232,000	8,912,000	3,451,000
N. Y.....	1,306,000	672,000	706,000
N. D.....	22,796,000	5,112,000	12,121,000
OHIO.....	4,421,000	2,592,000	4,790,000
OKLA.....	4,663,000	2,663,000	1,645,000
PENN.....	3,937,000	4,180,000	3,461,000
S. D.....	8,927,000	2,482,000	12,122,000
TEN.....	1,354,000	631,000	900,000
TEXAS.....	2,813,000	1,452,000	624,000
VA.....	2,546,000	2,438,000	3,120,000
WASH.....	15,940,000	10,161,000	4,229,000
WIS.....	839,000	365,000	1,771,000
All Other.	22,369,000	20,125,000	13,139,000
U. S.....	155,027,000	89,173,000	106,856,000

In the year 1779 an early sweet corn was introduced into Connecticut by an officer of the army returning from an expedition against the Indians in the Genessee country.

In the year 1777 a poll tax was levied for Baltimore county and city and fixed at 172 pounds of tobacco—one of the latest payments of taxes in produce.

DIFFERENT COLORED CORN, 1918.

The statement herewith is a useful estimate of the quantity of white, colored and mixed corn grown in each state. The year of the crop is 1918, and the figures are issued by the Bureau of Crop Estimates of the United States Department of Agriculture.

State.	White.	Yellow.	Mixed.
ME.....	304,000	911,000	000
N. H.....	000	1,260,000	000
VT.....	102,000	1,488,000	120,000
MASS.....	270,000	1,248,000	592,000
R. I.....	492,000	57,000	23,000
CONN.....	476,000	1,764,000	560,000
N. Y.....	6,790,000	19,188,000	3,532,000
N. J.....	1,487,000	6,406,000	3,546,000
PENN.....	12,480,000	37,440,000	12,480,000
DEL.....	2,550,000	4,007,000	728,000
MD.....	12,005,000	10,564,000	1,441,000
VA.....	40,320,000	10,080,000	5,600,000
W. VA.....	9,672,000	10,912,000	4,216,000
N. C.....	46,343,000	7,080,000	10,942,000
S. C.....	26,775,000	6,885,000	4,590,000
GA.....	55,769,000	6,885,000	6,196,000
FLA.....	11,264,000	1,126,000	1,690,000
OHIO.....	31,968,000	82,584,000	18,648,000
IND.....	52,562,000	89,863,000	27,129,000
ILL.....	133,551,000	175,725,000	42,174,000
MICH.....	11,592,000	27,531,000	9,177,000
WIS.....	17,384,000	34,770,000	17,384,000
MINN.....	31,900,000	53,900,000	24,200,000
IOWA.....	101,419,000	221,618,000	52,587,000
MO.....	50,867,000	64,253,000	18,740,000
N. D.....	3,586,000	2,945,000	2,667,000
S. D.....	30,293,000	58,421,000	19,474,000
NEB.....	48,004,000	49,234,000	25,848,000
KAS.....	19,585,000	14,798,000	9,140,000
KY.....	59,904,000	20,592,000	13,104,000
TENN.....	60,480,000	10,920,000	12,600,000
ALA.....	48,734,000	7,445,000	11,507,000
MISS.....	48,899,000	8,619,000	9,282,000
LA.....	14,504,000	8,880,000	6,216,000
TEX.....	31,050,000	19,320,000	18,680,000
OKLA.....	10,725,000	5,850,000	7,800,000
ARK.....	22,113,000	7,020,000	5,967,000
MONT.....	462,000	630,000	1,008,000
WYO.....	160,000	300,000	450,000
COLO.....	3,431,000	4,205,000	3,431,000
N. M.....	1,615,000	1,530,000	1,105,000
ARIZ.....	266,000	638,000	48,000
UTAH.....	363,000	328,000	81,000
NEV.....	39,000	19,000	6,000
IDAHO.....	359,000	460,000	101,000
WASH.....	703,000	686,000	245,000
ORE.....	327,000	928,000	109,000
CALIF.....	1,815,000	892,000	268,000
U. S.....	1,065,259,000	1,102,193,000	415,362,000

WHEAT HELD BY COUNTRY MILLS AND ELEVATORS.

Estimates of Wheat Held by Interior Mills and Elevators (as Distinguished From Primary Markets of Large Accumulation) on March 1 of the Past Three Years.

State.	1917. Bushels.	1918. Bushels.	1919. Bushels.
N. Y.....	672,000	617,000	706,000
PENN.....	4,180,000	3,183,000	3,461,000
MD.....	1,040,000	803,000	454,000
VA.....	2,438,000	2,184,000	3,120,000
OHIO.....	2,592,000	3,703,000	4,789,000
IND.....	1,944,000	2,340,000	4,448,000
ILL.....	1,510,000	2,160,000	2,669,000
MICH.....	1,594,000	1,234,000	857,000
WIS.....	365,000	852,000	1,771,000
MINN.....	4,226,000	6,193,000	15,942,000
IOWA.....	1,006,000	668,000	1,965,000
MO.....	1,989,000	2,607,000	3,721,000
N. D.....	5,112,000	6,160,000	12,121,000
S. D.....	2,482,000	4,480,000	12,122,000
NEB.....	8,912,000	826,000	3,451,000
KAS.....	6,859,000	1,818,000	5,100,000
KY.....	1,202,000	720,000	2,426,000
OKLA.....	2,663,000	1,070,000	1,645,000
TENN.....	631,000	368,000	900,000
TEXAS.....	1,452,000	486,000	624,000
MONT.....	6,018,000	2,874,000	5,595,000
WASH.....	10,161,000	5,844,000	4,299,000
All Other.....	20,125,000	14,948,000	13,139,000
U. S.....	89,173,000	66,138,000	106,856,000

In the year 1775 James Longhead advertised seeds in Philadelphia, saying that he kept "a quantity of the largest kind of collyflower seed, found on trial to be extraordinarily good."

Production of Dry Peas.

In the year 1899 there were 417,864 farms producing dry peas (very largely known as cowpeas, black-eyed peas, etc.), and ten years later the farms producing was reduced to 261,231. The crop also was reduced from 9,440,210 bushels in 1899 to 7,129,294 bushels in 1909. Cowpeas are often grown on the same land as other crops, therefore the acreage figures are only estimates. As between these two census years there appears to be a great falling off in number of Southern farms growing cowpeas. The inference is that these legume crops are largely turned under as green manure.

State.	1899. Acre- age.	1899. Bushels.	1909. Farms.	1909. Acre- age.	1909. Bushels.
ALA.	91,126	665,388	26,905	85,034	418,007
ARIZ.	50	866	15	13	93
ARK.	31,414	245,894	13,821	52,730	229,444
CAL.	2,014	57,299	262	2,959	57,468
COLO.	3,621	47,461	832	24,230	258,281
CONN.	29	462	18	4	72
DEL.	518	4,650	523	1,615	12,521
D. C.					
FLA.	17,875	159,814	2,642	7,144	56,713
GA.	167,032	1,130,441	34,716	210,315	736,009
IDA.	170	2,506	59	234	4,375
ILL.	12,982	103,386	4,534	14,076	185,020
IND.	533	7,357	1,652	13,082	88,254
IA.	1,556	27,066	183	731	9,007
KAS.	151	2,006	114	825	5,235
KY.	8,394	83,089	1,732	8,465	44,772
LA.	15,190	146,298	6,330	33,150	161,659
ME.	2,300	35,991	1,039	537	4,963
MD.	947	12,459	350	742	5,603
MASS.	122	2,259	58	30	480
MIC.	71,376	1,134,431	18,128	94,932	1,162,403
MINN.	670	9,021	530	835	14,964
MISS.	39,490	590,037	20,021	73,900	285,768
MO.	5,319	54,763	3,462	23,036	109,357
MONT.	1,512	32,265	180	1,184	21,670
NEB.	126	1,586	26	26	169
NEV.	4	85			
N. H.	146	1,533	234	122	934
N. J.	45	806	43	91	883
N. M.	2,220	28,071	1,453	2,485	30,820
N. Y.	14,748	251,889	1,661	4,007	71,486
N. C.	88,407	876,167	39,723	169,934	651,567
N. D.	84	710	103	399	5,543
OHIO	506	7,521	132	323	3,041
OKLA.	455	5,049	1,612	6,245	33,282
PENN.	482	6,363	128	87	989
ORE.	1,304	22,615	155	436	9,344
R. I.	45	940	18	4	73
S. C.	143,070	1,162,705	35,660	265,632	711,853
S. D.	37	452	89	1,783	10,598
TENN.	82,841	760,663	10,175	36,640	133,924
TEX.	33,974	333,462	10,296	46,777	254,361
UTAH.	143	2,694	55	126	3,222
VT.	408	6,945	121	127	1,262
VA.	22,206	219,142	4,462	12,091	66,488
WASH.	357	91,899	915	3,196	91,032
W. VA.	323	3,613	93	232	1,490
WIS.	68,817	1,098,819	15,950	78,017	1,165,053
WYO.	13	232	18	326	9,231
Total	968,370		261,231		7,129,294
Total.		9,440,210		1,305,099	

The Yield of Flaxseed, 1916.

State.	Yield, Acre. Bushels.	Pro- duction, Bushels.	Acre- age Planted.	Pro- duction, Bushels.
COLO.	9.6	6,000	3,000	25,000
IOWA.	10.0	180,000	19,000	210,000
KAS.	5.8	174,000	34,000	248,000
MINN.	8.5	2,338,000	289,000	2,751,000
MO.	7.0	35,000	6,000	56,000
MONT.	9.5	3,088,000	422,000	1,924,000
NEB.	8.0	32,000	5,000	41,000
N. D.	10.3	8,137,000	964,000	4,643,000
S. D.	9.3	1,395,000	195,000	1,418,000
WIS.	12.0	60,000		
WYO.	7.0	14,000	2,000	19,000
U. S.	9.6	15,459,000	1,939,000	11,335,000

Production of Edible Beans.

Growing edible beans, such as navy beans, is largely confined to three states, but all states grow some. In 1899 Florida produced 176,304 bushels, but ten years later the production was only 31,835 bushels. The state of Maine also decreased from 137,290 bushels to 87,565 bushels. On the other hand, New Mexico, Colorado, Idaho, Minnesota and Wisconsin made good gains.

State.	1899. Acre- age.	1899. Bushels.	1909. Farms.	1909. Acre- age.	1909. Bushels.
ALA.	1,765	17,865	647	1,557	15,212
ARIZ.	805	6,673	776	2,301	18,457
ARK.	1,490	15,582	538	819	4,080
CAL.	45,861	658,515	3,054	157,987	3,328,218
COLO.	2,634	28,570	1,387	5,040	53,925
CONN.	341	6,428	717	208	2,845
DEL.	100	1,333	102	55	648
D. C.	1	12			
FLA.	9,189	176,304	424	2,647	31,835
GA.	1,927	17,489	1,329	2,947	16,546
IDA.	457	5,886	293	1,915	33,816
ILL.	3,151	30,122	627	1,153	6,866
IND.	2,999	30,171	1,982	1,721	15,238
IA.	2,427	24,903	973	615	5,699
KAS.	848	7,284	58	70	636
KY.	5,633	49,106	14,248	12,434	70,557
LA.	335	3,371	78	311	5,557
ME.	10,252	137,290	15,788	10,341	87,565
MD.	605	4,754	312	196	1,833
MASS.	629	7,939	1,252	446	4,979
MIC.	167,025	1,806,413	55,466	403,669	5,282,511
MINN.	3,290	36,817	4,587	4,697	62,822
MISS.	1,119	11,162	651	1,032	8,727
MO.	4,376	45,467	2,391	1,281	9,385
MONT.	101	1,110	140	342	2,958
NEB.	387	7,669	784	1,173	5,941
NEV.	33	536	15	14	222
N. H.	2,892	29,990	5,523	3,180	22,546
N. J.	201	2,888	291	403	2,947
N. M.	3,349	36,022	4,593	20,766	85,795
N. Y.	129,298	1,360,445	29,181	115,698	1,681,506
N. C.	5,381	49,518	6,574	5,521	35,937
N. D.	270	2,389	394	544	5,073
OHIO	1,828	19,042	2,108	1,139	13,665
OKLA.	755	6,130	224	575	2,520
ORE.	841	11,077	675	562	8,032
PENN.	2,182	23,957	3,326	1,269	12,021
R. I.	216	3,330	252	54	817
S. C.	1,657	14,925	517	1,528	6,825
S. D.	397	4,218	650	809	5,285
TENN.	5,563	48,736	5,312	3,398	19,526
TEX.	2,878	28,129	607	1,846	12,895
UTAH.	176	1,806	208	196	3,352
VT.	2,404	27,172	2,752	2,390	26,350
VA.	6,411	56,189	7,660	4,777	29,435
WASH.	296	3,830	266	353	3,311
W. VA.	5,221	52,815	8,626	8,111	39,794
WIS.	12,989	143,182	5,656	14,574	154,570
WYO.	26	285	211	273	1,876
Total	453,841		185,934		11,251,160
Total		5,064,490		802,991	

FLAX SEED CROP—1917.

In 1917 the acreage was large, compared with former years, but the crop was small. It was practically a third of a crop, and entirely due to adverse conditions, which farmers could not overcome.

Flax Seed State.	Planted Acres.	Per Acre.	Produc- tion, Bushels.
COLO.	2,000	7.0	14,000
IOWA.	12,000	11.0	132,000
KAS.	34,000	7.0	238,000
MINN.	220,000	9.0	1,980,000
MO.	6,000	8.5	51,000
MONT.	422,000	3.0	1,266,000
NEB.	5,000	5.5	28,000
N. D.	965,000	3.9	3,764,000
S. D.	140,000	7.0	980,000
WYO.	3,000	6.5	20,000
U. S.	1,809,000	4.7	8,473,000

In Philadelphia, in 1772, Peteliah Webster, sold clover and duck grass seed, being one of the earliest in the seed business in that city.

Nitrogen was discovered by Rutherford in the year 1772.

WHEAT ON FARMS.

This is a statement by the United States Department of Agriculture, showing the quantity of wheat remaining on farms, March 1, 1917, 1918 and 1919.

State.	1917. Bushels.	1918. Bushels.	1919. Bushels.
ALA....	31,000	56,000	133,000
ARIZ....	93,000	33,000	99,000
ARK....	150,000	499,000	396,000
CALIF....	336,000	520,000	531,000
COLO....	2,020,000	2,843,000	2,134,000
CONN....			
DEL....	372,000	519,000	277,000
FLA....			
GA....	609,000	187,000	436,000
IDAHO....	2,110,000	1,993,000	2,526,000
ILL....	1,510,000	4,319,000	4,879,000
IND....	2,527,000	4,680,000	4,943,000
IOWA....	1,464,000	1,336,000	3,537,000
KAS....	10,778,000	3,633,000	4,080,000
KY....	641,000	1,080,000	1,213,000
LA....			
ME....	40,000	62,000	218,000
MD....	2,080,000	2,869,000	1,475,000
MASS....			
MICH....	2,390,000	2,622,000	1,393,000
MINN....	5,546,000	12,387,000	17,536,000
MISS....	2,000	8,000	59,000
MO....	1,492,000	4,056,000	5,847,000
MONT....	4,871,000	2,515,000	3,815,000
NEB....	15,081,000	2,753,000	5,608,000
NEV....	159,000	182,000	128,000
N. H....			
N. J....	342,000	423,000	340,000
N. M....	274,000	413,000	567,000
N. Y....	1,596,000	1,764,000	1,490,000
N. C....	1,644,000	1,978,000	1,634,000
N. D....	11,011,000	11,760,000	19,192,000
OHIO....	3,456,000	9,051,000	6,532,000
OKLA....	1,775,000	1,782,000	1,645,000
OREGON....	2,737,000	1,255,000	1,523,000
PENN....	4,702,000	6,365,000	5,191,000
R. I....			
S. C....	267,000	121,000	226,000
S. D....	5,958,000	10,304,000	16,400,000
TENN....	738,000	598,000	1,125,000
TEXAS....	924,000	810,000	268,000
UTAH....	1,311,000	1,410,000	1,293,000
VT....	4,000	43,000	139,000
WA....	2,743,000	3,744,000	3,120,000
W. VA....	793,000	1,102,000	988,000
WIS....	630,000	1,172,000	2,558,000
WASH....	4,516,000	3,506,000	2,114,000
WY....	697,000	990,000	1,650,000
U. S....	100,650,000	107,745,000	129,258,000

CRANBERRY PRODUCTION.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA....				96
ARK....				283
CALIF....			53	10,656
CONN....	275	221,472	123	145,408
ILL....	1	1,696	10	13,418
IND....	70	139,520	4	7,552
IA....	1	1,952		
KAS....	1			
ME....	90	49,728	151	100,102
MASS....	5,128	19,164,592	6,577	22,714,496
MICH....	150	124,288	202	125,536
MINN....	22	35,840	61	22,112
MO....			8	6,944
MONT....			1	32
NEB....	1	640		
N. H....	23	31,136	109	30,304
N. J....	8,356	7,687,072	9,030	12,072,288
N. M....				96
N. Y....	113	348,064	277	327,370
N. C....				1,024
N. D....			32	1,120
OHIO....			3	4,256
ORE....	6	22,784	14	40,864
PENN....			4	5,728
R. I....	300	209,888	70	34,688
S. D....	1	704		288
VT....			1	1,120
WA....			40	18,112
WASH....	5	4,416	5	9,728
WIS....	5,821	3,555,136	1,689	2,549,344
Total	20,364	31,600,512	18,431	38,243,060

The first artificial road in America was built from Philadelphia to New York in the year 1776.

The improvement in Southdown sheep began about the year 1775.

OATS ON FARMS.

This is a statement by the United States Department of Agriculture, showing the quantity of oats remaining on farms, March 1, 1917, 1918 and 1919.

State.	1917. Bushels.	1918. Bushels.	1919. Bushels.
ME....	1,613,000	1,044,000	2,366,000
N. H....	89,000	194,000	274,000
VT....	742,000	1,033,000	1,520,000
MASS....	70,000	65,000	125,000
R. I....	10,000	25,000	24,000
CONN....	97,000	261,000	274,000
N. Y....	10,034,000	16,800,000	23,247,000
N. J....	745,000	1,020,000	1,360,000
PENN....	12,260,000	16,905,000	19,348,000
DEL....	22,000	32,000	49,000
MD....	339,000	437,000	594,000
VA....	1,292,000	1,378,000	1,346,000
W. VA....	805,000	878,000	1,296,000
N. C....	887,000	484,000	910,000
S. C....	900,000	360,000	990,000
GA....	2,012,000	616,000	1,560,000
FLA....	135,000	92,000	140,000
OHIO....	14,423,000	28,897,000	28,512,000
IND....	14,700,000	29,723,000	29,768,000
ILL....	56,791,000	100,464,000	77,357,000
MICH....	14,515,000	20,646,000	26,528,000
WIS....	28,490,000	37,620,000	51,724,000
MINN....	28,196,000	44,492,000	56,516,000
IOWA....	67,932,000	109,377,000	103,307,000
MO....	10,320,000	23,088,000	15,911,000
N. D....	21,500,000	12,746,000	26,020,000
S. D....	19,184,000	29,804,000	39,593,000
NEB....	35,145,000	63,494,000	19,666,000
KAS....	10,199,000	21,241,000	14,347,000
KY....	1,134,000	2,337,000	2,591,000
TENN....	933,000	1,812,000	1,950,000
ALA....	1,050,000	605,000	976,000
MISS....	378,000	456,000	560,000
LA....	188,000	169,000	140,000
TEXAS....	6,412,000	3,705,000	2,220,000
OKLA....	2,030,000	3,968,000	5,962,000
ARK....	1,102,000	2,666,000	1,916,000
MONT....	10,032,000	3,400,000	9,180,000
WYO....	2,100,000	3,598,000	5,492,000
COLO....	2,297,000	3,563,000	3,587,000
N. M....	278,000	29,000	51,000
ARIZ....	51,000	80,000	101,000
UTAH....	1,120,000	1,452,000	1,323,000
NEV....	120,000	112,000	83,000
IDAHO....	3,066,000	1,995,000	2,275,000
WASH....	3,432,000	2,810,000	2,427,000
OREGON....	4,666,000	2,281,000	2,256,000
CALIF....	325,000	686,000	728,000
U. S....	394,211,000	599,208,000	588,421,000

CANADIAN CROPS—THREE YEARS.

Herewith we present the acreage and principal farm productions in Canada during three years, 1915, 1916 and 1917. These figures will be specially interesting when the 1918 estimates are available.

	1915. Acres.	1916. Acres.	1917. Acres.
Crop.			
Corn....	253,000	173,000	224,000
Wheat....	15,109,000	15,370,000	14,756,000
Oats....	11,556,000	10,996,000	13,313,000
Barley....	1,718,000	1,803,000	2,392,000
Rye....	122,000	148,000	212,000
Flax....	463,000	658,000	920,000
Potatoes....	486,000	473,000	657,000
Beans....	43,000	32,000	92,000
Peas....	196,000	152,000	199,000
AREA.			
Crop.			
Corn....	14,368,000	6,282,000	7,703,000
Wheat....	393,543,000	262,781,000	233,743,000
Oats....	464,954,000	410,211,000	403,010,000
Barley....	54,017,000	42,770,000	55,058,000
Rye....	2,486,000	2,876,000	3,857,000
Flax....	6,114,000	8,260,000	9,935,000
Potatoes....	60,353,000	63,297,000	79,892,000
Beans....	723,000	413,000	1,274,000
Peas....	3,464,000	2,218,000	3,026,000
PRODUCTION.			
Crop.			
Corn....	14,368,000	6,282,000	7,703,000
Wheat....	393,543,000	262,781,000	233,743,000
Oats....	464,954,000	410,211,000	403,010,000
Barley....	54,017,000	42,770,000	55,058,000
Rye....	2,486,000	2,876,000	3,857,000
Flax....	6,114,000	8,260,000	9,935,000
Potatoes....	60,353,000	63,297,000	79,892,000
Beans....	723,000	413,000	1,274,000
Peas....	3,464,000	2,218,000	3,026,000

The inhabitants of New England obtained their first sweet corn from the Indians in the year 1779.

Bath and West of England Agricultural Society was established in the year 1777.

A large importation of Spanish Merino sheep was made by the people of Saxony in the year 1777.

LIVE STOCK ON FARMS.**Totals For Census Years and Showing Comparisons From Year to Year.**

These figures represent the number of horses, mules, dairy cows, stockers and beef cattle, sheep and swine on farms, as shown by the Census and estimated by the United States Department of Agriculture:

Date.	Number.
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DAIRY COWS IN THE U. S.

Census, 1850...	6,385,094
Census, 1860...	8,585,735
Census, 1870...	8,935,332
Census, 1880...	12,443,120
Census, 1890...	16,511,950
Census, 1900...	17,139,674
Census, 1910...	20,625,000
Jan. 1, 1911...	20,823,000
Jan. 1, 1912...	20,699,000
Jan. 1, 1913...	20,497,000
Jan. 1, 1914...	20,737,000
Jan. 1, 1915...	21,262,000
Jan. 1, 1916...	22,108,000
Jan. 1, 1917...	22,894,000
Jan. 1, 1918...	23,284,000
Jan. 1, 1919...	23,467,000

STOCKERS AND BEEF CATTLE.

Census, 1850...	4,393,813
Census, 1860...	17,034,284
Census, 1870...	14,885,276
Census, 1880...	23,382,391
Census, 1890...	34,851,622
Census, 1900...	50,682,662
Census, 1910...	41,178,000
Jan. 1, 1911...	39,679,000
Jan. 1, 1912...	37,260,000
Jan. 1, 1913...	36,030,000
Jan. 1, 1914...	35,855,000
Jan. 1, 1915...	37,067,000
Jan. 1, 1916...	39,812,000
Jan. 1, 1916...	41,689,000
Jan. 1, 1918...	43,546,000
Jan. 1, 1919...	44,399,000

TOTAL CATTLE IN THE U. S.

Census, 1850...	10,778,907
Census, 1860...	25,620,019
Census, 1870...	23,820,608
Census, 1880...	35,825,511
Census, 1890...	51,363,572
Census, 1900...	67,822,336
Census, 1910...	61,803,000
Jan. 1, 1911...	60,502,000
Jan. 1, 1912...	57,959,000
Jan. 1, 1913...	56,527,000
Jan. 1, 1914...	56,592,000
Jan. 1, 1915...	58,329,000
Jan. 1, 1916...	61,920,000
Jan. 1, 1917...	64,583,000
Jan. 1, 1918...	66,830,000
Jan. 1, 1919...	68,866,000

SWINE IN THE U. S.

Census, 1850...	30,354,213
Census, 1860...	33,512,867

SWINE—Continued.

Census, 1870...	25,134,569
Census, 1880...	47,681,700
Census, 1890...	57,425,287
Census, 1900...	62,876,108
Census, 1910...	58,186,000
Jan. 1, 1911...	65,260,000
Jan. 1, 1912...	65,410,000
Jan. 1, 1913...	61,178,000
Jan. 1, 1914...	58,933,000
Jan. 1, 1915...	64,618,000
Jan. 1, 1916...	67,766,000
Jan. 1, 1917...	67,503,000
Jan. 1, 1918...	71,374,000
Jan. 1, 1919...	75,587,000

SHEEP IN THE U. S.

Census, 1850...	21,723,220
Census, 1860...	22,471,275
Census, 1870...	28,477,957
Census, 1880...	35,192,074
Census, 1890...	40,876,312
Census, 1890...	60,503,713
Census, 1910...	52,448,000
Jan. 1, 1911...	53,633,000
Jan. 1, 1912...	52,362,000
Jan. 1, 1913...	51,482,000
Jan. 1, 1914...	49,719,000
Jan. 1, 1915...	49,956,000
Jan. 1, 1916...	48,625,000
Jan. 1, 1917...	47,616,000
Jan. 1, 1918...	48,900,000
Jan. 1, 1919...	49,863,000

HORSES IN THE U. S.

Census, 1850...	4,336,719
Census, 1860...	6,249,174
Census, 1870...	7,145,370
Census, 1880...	10,357,488
Census, 1890...	15,258,783
Census, 1900...	18,250,000
Census, 1910...	19,833,000
Jan. 1, 1911...	20,277,000
Jan. 1, 1912...	20,509,000
Jan. 1, 1913...	20,567,000
Jan. 1, 1914...	20,962,000
Jan. 1, 1915...	21,195,000
Jan. 1, 1916...	21,159,000
Jan. 1, 1917...	21,210,000
Jan. 1, 1918...	21,563,000
Jan. 1, 1919...	21,534,000

MULES IN THE U. S.

Census, 1850...	559,331
Census, 1860...	1,151,148
Census, 1870...	1,215,415
Census, 1880...	1,812,808
Census 1890...	2,314,785
Census, 1900...	3,271,121
Census, 1910...	4,210,000
Jan. 1, 1911...	4,323,000
Jan. 1, 1912...	4,362,000
Jan. 1, 1913...	4,386,000
Jan. 1, 1914...	4,449,000
Jan. 1, 1915...	4,479,000
Jan. 1, 1916...	4,593,000
Jan. 1, 1917...	4,723,000
Jan. 1, 1918...	4,824,000
Jan. 1, 1919...	4,925,000

DAIRY COWS ON FARMS.

The statement of the number of dairy cows on farms in the United States was furnished by the United States Department of Agriculture in the month of February, 1919. It estimates the number in each state for four years and including 1919. It is gratifying that it shows progress from 20,625,000 in the year 1910 to 23,467,000 in the year 1919.

State.	1916.	1917.	1918.	1919.
ALA...	405,000	405,000	454,000	494,000
ARIZ...	58,000	81,000	85,000	72,000
ARK...	402,000	405,000	430,000	443,000
CALIF.	568,000	591,000	597,000	561,000
COLO...	219,000	237,000	254,000	264,000
CONN...	119,000	121,000	116,000	114,000
DEL...	42,000	43,000	43,000	46,000
GA...	414,000	418,000	435,000	452,000
FLA...	136,000	141,000	145,000	149,000
IDAHO.	126,000	135,000	139,000	139,000
ILL...	1,047,000	1,057,000	1,050,000	1,060,000
IND...	672,000	706,000	713,000	713,000
IOWA...	1,391,000	1,405,000	1,405,000	1,381,000
KAS...	835,000	900,000	945,000	964,000
KY...	406,000	418,000	435,000	444,000
LA...	271,000	309,000	330,000	363,000
MD...	181,000	183,000	181,000	177,000
MASS...	158,000	160,000	162,000	165,000
ME...	159,000	163,000	170,000	175,000
MICH...	847,000	865,000	865,000	848,000
MINN...	1,240,000	1,302,000	1,328,000	1,368,000
MISS...	447,000	475,000	508,000	549,000
MO...	837,000	875,000	910,000	919,000
MONT.	129,000	160,000	179,000	197,000
NEB...	650,000	676,000	676,000	662,000
NEV...	25,000	26,000	28,000	29,000
N. H...	97,000	98,000	102,000	107,000
N. J...	152,000	155,000	150,000	150,000
N. M...	76,000	85,000	88,000	84,000
N. Y...	1,539,000	1,539,000	1,508,000	1,478,000
N. C...	321,000	315,000	309,000	313,000
N. D...	273,000	425,000	425,000	429,000
OHIO.	922,000	950,000	1,000,000	1,030,000
OKLA.	519,000	535,000	567,000	561,000
ORE...	216,000	225,000	227,000	222,000
PENN.	971,000	980,000	960,000	979,000
R. I...	22,000	22,000	21,000	20,000
S. D...	485,000	524,000	555,000	561,000
S. C...	189,000	189,000	193,000	203,000
TENN.	366,000	366,000	373,000	380,000
TEX...	1,119,000	1,175,000	1,128,000	1,060,000
UTAH.	96,000	91,000	96,000	101,000
VT...	273,000	281,000	290,000	281,000
VA...	359,000	373,000	400,000	424,000
WASH.	263,000	263,000	240,000	216,000
W. VA.	241,000	245,000	245,000	243,000
WIS...	1,675,000	1,750,000	1,785,000	1,803,000
WYO...	50,000	60,000	65,000	72,000

U. S. 22,108,000 22,894,000 23,310,000 23,467,000

MONTHLY PRICES OF MILCH COWS.

The following table gives the United States estimated average price per head to producers of milch cows, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January...	\$57.99	\$58.47	\$57.79	\$63.92	\$76.51
February...	59.09	57.99	57.99	65.93	78.36
March...	59.23	58.00	59.51	68.46	80.71
April...	59.60	57.78	60.68	72.09	82.45
May...	58.85	58.29	60.98	72.78	83.46
June...	59.82	58.59	61.63	72.87	79.29
July...	59.67	60.31	62.04	72.81	84.97
August...	60.72	58.34	61.32	72.53	84.06
September.	59.58	58.38	61.41	73.93	85.21
October...	59.53	58.76	62.19	75.79	85.41
November.	58.77	57.35	62.67	75.00	84.51
December..	58.23	56.79	63.18	76.16	85.78
Average..	\$50.34	\$58.25	\$60.95	\$71.86	\$82.56

GRAIN CROPS OF SPAIN.

The United States Department of Agriculture, in February, 1919, published the following in regard to the crops of Spain.

Crop.	1916.	1917.	1918.
Wheat....	152,329,000	142,674,000	135,709,000
Barley....	86,863,000	77,957,000	90,496,000
Oats.....	32,163,000	33,061,000	30,474,000
Rye.....	28,782,000	24,203,000	30,445,000
Corn.....	28,642,000	29,369,000	24,141,000

Total... 328,779,000 307,264,000 311,265,000

First efforts to grow cotton in Virginia date from the year 1721.

BEEF CATTLE ON FARMS.

The statement of the number of "other" cattle on farms is a statement of beef cattle, cows, calves and yearlings outside of dairy cows, which are enumerated separately. The enumeration was published by the United States Department of Agriculture in February, 1919, and estimates are for the four years, thus showing changes from year to year. We are six millions short of the previous high total in 1900.

State.	1916.	1917.	1918.	1919.
ALA...	534,000	534,000	760,000	851,000
ARIZ...	838,000	861,000	1,100,000	1,100,000
ARK...	523,000	560,000	640,000	678,000
CALIF.	1,558,000	1,636,000	1,701,000	1,650,000
COLO...	1,096,000	1,200,000	1,272,000	1,361,000
CONN...	72,000	73,000	76,000	75,000
DEL...	21,000	21,000	23,000	23,000
FLA...	800,000	865,000	891,000	956,000
GA...	686,000	686,000	727,000	763,000
IDAHO.	406,000	465,000	488,000	536,000
ILL...	1,239,000	1,251,000	1,314,000	1,367,000
IND...	728,000	735,000	757,000	780,000
IOWA...	2,737,000	2,754,000	2,919,000	2,861,000
KAS...	2,160,000	2,200,000	2,354,000	2,401,000
KY...	570,000	570,000	581,000	599,000
LA...	475,000	525,000	600,000	690,000
ME...	105,000	112,000	127,000	142,000
MD...	125,000	125,000	134,000	135,000
MASS...	85,000	88,000	93,000	100,000
MICH...	735,000	730,000	752,000	729,000
MINN...	1,275,000	1,400,000	1,600,000	1,632,000
MISS...	535,000	575,000	644,000	708,000
MO...	1,555,000	1,650,000	1,782,000	1,782,000
MONT.	894,000	1,000,000	1,020,000	1,020,000
NEB...	2,237,000	2,225,000	2,940,000	2,940,000
NEV...	472,000	470,000	517,000	533,000
N. H...	63,000	63,000	70,000	74,000
N. J...	73,000	74,000	70,000	74,000
N. M...	1,030,000	1,145,000	1,250,000	1,325,000
N. Y...	939,000	939,000	930,000	911,000
N. C...	375,000	384,000	375,000	379,000
N. D...	577,000	650,000	630,000	612,000
OHIO.	872,000	900,000	1,080,000	1,102,000
OKLA.	1,186,000	1,300,000	1,430,000	1,444,000
ORE...	553,000	610,000	683,000	703,000
PENN.	657,000	664,000	717,000	731,000
R. I...	11,000	11,000	12,000	13,000
S. D...	215,000	215,000	232,000	244,000
S. C...	1,064,000	1,250,000	1,438,000	1,496,000
TENN...	518,000	528,000	554,000	587,000
TEX...	5,428,000	5,482,000	4,660,000	3,961,000
UTAH.	408,000	408,000	457,000	480,000
VT...	170,000	172,000	185,000	194,000
VA...	472,000	486,000	530,000	567,000
WASH.	255,000	280,000	320,000	307,000
W. VA.	362,000	369,000	373,000	366,000
WIS...	1,313,000	1,340,000	1,394,000	1,436,000
WYO...	750,000	825,000	910,000	1,000,000

U. S. 39,812,000 41,689,000 44,112,000 44,399,000

MONTHLY PRICES OF BEEF CATTLE.

The following table gives the United States estimated average price per 100 pounds to producers of beef cattle, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January...	\$6.04	\$5.99	\$5.85	\$6.86	\$ 8.33
February...	6.16	5.93	5.99	7.36	8.55
March...	6.28	5.92	6.37	7.91	8.85
April...	6.29	5.96	6.06	8.57	9.73
May...	6.33	6.13	6.73	8.70	10.38
June...	6.32	6.20	6.91	8.65	10.40
July...	6.38	6.07	6.78	8.30	10.07
August...	6.47	6.18	6.51	8.17	9.71
September.	6.38	6.06	6.55	8.40	9.63
October...	6.23	6.04	6.37	8.35	9.33
November..	6.02	5.85	6.44	8.21	9.14
December..	6.01	5.75	6.56	8.24	9.28

Average. \$6.24 \$6.01 \$6.48 \$8.14 \$ 9.45

In the year 1776, in New York City, Samuel Deall, a dealer in merchandise on Broad street, kept a general assortment of seeds, including red clover, grass and "Saint-foine" for improvement of land.

In the year 1780 William Pitt, of Penderford, England, invented a reaping machine suggested by the description of Pliny and Palladius. This was described in Young's Annals of Agriculture in 1787.

The Cherokee rose, a Chinese species, was known to have been cultivated in the Southern States in the year 1775.

SWINE ON FARMS.

This statement of the number of hogs on farms in the United States with a four-year progression was issued in February, 1919, by the United States Department of Agriculture. It shows that, notwithstanding the heavy marketing of hogs during the war period, the end of the war finds us with the largest number of hogs on hand in the history of the country.

State.	1916.	1917.	1918.	1919.
ALA.	1,715,000	1,850,000	2,128,000	2,223,000
ARIZ.	40,000	80,000	64,000	58,000
ARIK.	1,589,000	1,550,000	1,643,000	1,725,000
CALIF.	947,000	994,000	974,000	1,003,000
COLO.	320,000	352,000	387,000	406,000
CONN.	59,000	58,000	64,000	83,000
DEL.	61,000	58,000	64,000	71,000
FLA.	996,000	1,109,000	1,375,000	1,512,000
GA.	2,348,000	2,585,000	2,766,000	3,043,000
IDAHO.	344,000	292,000	219,000	208,000
ILL.	4,489,000	4,441,000	5,111,000	5,724,000
IND.	4,010,000	3,970,000	4,168,000	4,668,000
IA.	9,009,000	9,370,000	10,307,000	10,925,000
KAS.	2,815,000	2,535,000	2,560,000	2,831,000
KY.	1,709,000	1,589,000	1,637,000	1,768,000
LA.	1,553,000	1,584,000	1,568,000	1,599,000
ME.	102,000	100,000	100,000	110,000
MD.	359,000	359,000	388,000	434,000
MASS.	112,000	112,000	113,000	147,000
MICH.	1,462,000	1,315,000	1,278,000	1,355,000
MINN.	1,716,000	2,075,000	2,400,000	2,781,000
MISS.	1,617,000	1,398,000	1,902,000	2,282,000
MO.	4,505,000	4,280,000	4,494,000	4,943,000
MONT.	298,000	269,000	215,000	200,000
NEB.	1,266,000	4,200,000	4,250,000	4,250,000
NEV.	40,000	37,000	37,000	40,000
N. H.	55,000	53,000	56,000	66,000
N. M.	91,000	101,000	86,000	93,000
N. Y.	799,000	759,000	775,000	814,000
N. J.	161,000	163,000	174,000	209,000
N. C.	1,550,000	1,450,000	1,400,000	1,546,000
N. D.	706,000	659,000	507,000	456,000
OHIO.	3,713,000	3,527,000	3,878,000	4,266,000
OKL.	1,491,000	1,335,000	1,219,000	1,036,000
ORE.	370,000	315,000	323,000	348,000
P. I.	1,210,000	1,174,000	1,291,000	1,420,000
R. I.	15,000	14,000	16,000	14,000
S. C.	870,000	920,000	960,000	1,056,000
S. D.	1,314,000	1,432,000	1,504,000	1,654,000
TENN.	1,531,000	1,485,000	1,634,000	1,965,000
TEX.	3,197,000	3,229,000	2,900,000	2,320,000
UTAH.	112,000	101,000	102,000	123,000
VT.	113,000	113,000	118,000	125,000
VA.	1,023,000	1,023,000	1,042,000	1,134,000
WASH.	314,000	283,000	283,000	317,000
W. VA.	378,000	380,000	422,000	439,000
WIS.	2,142,000	2,060,000	2,019,000	2,181,000
WYO.	70,000	60,000	55,000	63,000

U. S. 67,766,000 67,502,000 70,978,000 75,587,000

MONTHLY PRICES OF HOGS.

The following table gives the United States estimated average price per 100 pounds to producers of hogs, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January...	\$7.45	\$6.57	\$6.32	\$ 9.16	\$15.26
February...	7.75	6.34	7.07	10.33	15.93
March....	7.80	6.33	7.86	12.32	15.58
April.....	7.80	6.48	8.21	13.61	15.76
May.....	7.60	6.77	8.37	13.72	15.84
June.....	7.43	6.80	8.21	13.50	15.37
July.....	7.72	6.84	8.40	13.35	15.53
August....	8.11	6.61	8.61	14.24	16.89
September.	8.11	6.79	9.22	15.69	17.50
October...	7.43	7.18	8.67	16.15	16.50
November.	7.00	6.35	8.74	15.31	15.92
December.	7.67	6.02	8.76	15.73	15.82

Average. \$7.57 \$6.59 \$8.20 \$13.59 \$15.92

The discovery by Sprengel of the fertilization of plants was in the year 1767.

Messrs. Culley settled on the Northumberland side of the river Tweed in the year 1768. They were great improvers of agriculture in border counties of England and Scotland.

In the year 1769 Edward Antill, of Monmouth, N. J., wrote the first American treatise on the grapevine.

In the year 1760 the French settlers of Kaskaskia, Southern Illinois, made 110 hogs-heads of wine from wild grapes.

SHEEP ON FARMS.

This statement of the number of sheep on farms in the United States with the changes in four years was issued February, 1919, by the United States Department of Agriculture. It shows some recent increase in sheep raising, but it must be remembered that we had 10,000,000 more sheep thirty years ago.

State.	1916.	1917.	1918.	1919.
ALA.	119,000	121,000	131,000	140,000
ARIZ.	1,700,000	1,632,000	1,550,000	1,400,000
ARIK.	124,000	124,000	134,000	147,000
CALIF.	2,450,000	2,524,000	2,776,000	2,943,000
COLO.	1,839,000	1,950,000	2,350,000	2,303,000
CONN.	18,000	18,000	20,000	24,000
DEL.	8,000	8,000	10,000	10,000
FLA.	119,000	119,000	120,000	120,000
GA.	161,000	150,000	144,000	144,000
IDAHO	3,120,000	3,170,000	3,202,000	3,234,000
ILL.	907,000	898,000	952,000	1,028,000
IND.	1,005,000	950,000	998,000	1,093,000
IOWA.	1,240,000	1,200,000	1,224,000	1,322,000
KAS.	341,000	348,000	418,000	460,000
KY.	1,155,000	1,155,000	1,213,000	1,274,000
LA.	185,000	240,000	209,000	230,000
ME.	160,000	157,000	163,000	173,000
MD.	223,000	223,000	234,000	246,000
MASS.	26,000	25,000	26,000	28,000
MICH.	1,931,000	1,834,000	1,926,000	2,119,000
MINN.	536,000	541,000	568,000	642,000
MISS.	208,000	193,000	174,000	183,000
MO.	1,416,000	1,370,000	1,466,000	1,539,000
MONT.	3,941,000	3,500,000	3,045,000	2,984,000
NEB.	374,000	381,000	408,000	367,000
NEV.	1,532,000	1,455,000	1,505,000	1,520,000
N. H.	35,000	35,000	37,000	39,000
N. J.	29,000	25,000	28,000	29,000
N. M.	3,440,000	3,300,000	3,135,000	3,135,000
N. Y.	849,000	800,000	800,000	840,000
N. C.	155,000	140,000	137,000	138,000
N. D.	240,000	240,000	252,000	265,000
OHIO.	3,067,000	2,944,000	2,950,000	2,980,000
OKLA.	95,000	104,000	114,000	125,000
ORE.	2,435,000	2,400,000	2,448,000	2,497,000
PENN.	835,000	830,000	913,000	959,000
R. I.	6,000	5,000	6,000	7,000
S. C.	30,000	30,000	30,000	29,000
S. D.	604,000	625,000	750,000	810,000
TENN.	650,000	600,000	550,000	567,000
TEX.	2,156,000	2,328,000	2,188,000	2,232,000
UTAH.	2,089,000	2,089,000	2,340,000	2,410,000
VT.	100,000	100,000	104,000	107,000
VA.	700,000	686,000	692,000	713,000
WASH.	568,000	585,000	661,000	780,000
W. VA.	720,000	715,000	751,000	789,000
WIS.	664,000	645,000	654,000	716,000
WYO.	4,338,000	4,100,000	4,100,000	4,018,000

U. S. 48,625,000 47,616,000 48,603,000 49,863,000

MONTHLY PRICES OF SHEEP.

The following table gives the United States estimated average price per 100 pounds to producers of sheep, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January...	\$4.67	\$4.95	\$5.52	\$ 7.33	\$10.55
February...	4.67	5.14	5.90	8.17	10.75
March.....	4.77	5.36	6.35	9.21	11.41
April.....	4.96	5.60	6.61	9.69	11.98
May.....	4.87	5.54	6.66	10.15	12.32
June.....	4.70	5.43	6.54	9.84	11.56
July.....	4.75	5.35	6.33	9.32	11.04
August....	4.87	5.16	6.22	9.33	10.99
September.	4.80	5.06	6.25	10.25	10.79
October...	4.81	5.18	6.20	10.24	10.35
November.	4.68	5.18	6.41	10.20	10.11
December.	4.95	5.38	6.77	10.44	9.46

Average. \$4.79 \$5.28 \$6.31 \$ 9.50 \$10.94

In the year 1785 a power loom was added to inventions for manufacturing cotton goods by Dr. Cartwright, of England, greatly increasing the demand for raw cotton.

Improvement in cotton-spinning machinery by Dr. Cartwright in England dates from the year 1775.

In the year 1766 samples of home-made scythes, spades, hoes, etc., were laid before the Society of Arts in New York and approved.

The year 1768 is the time generally agreed upon when the father of Hugh Watson, of Keillor, Scotland, first began gathering the cattle which were afterwards known as the original herd in the establishment of the Aberdeen-Angus breed.

HORSES ON FARMS IN UNITED STATES.

Notwithstanding large exports of horses and the number of mares annually devoted to keeping up the supply of mules, the horses of the United States have increased from 19,833,000 in the year 1910 to 21,534,000 head in January, 1919. The statement of the horses on farms in the United States was furnished by the United States Department of Agriculture in February, 1919, and shows that horses in the United States did not decrease during the war period.

State.	1916.	1917.	1918.	1919.
ALA...	130,000	150,000	153,000	155,000
ARIZ...	124,000	129,000	135,000	136,000
ARK...	270,000	270,000	272,000	267,000
CALIF.	493,000	468,000	468,000	435,000
COLO.	361,000	380,000	399,000	419,000
CONN.	46,000	46,000	45,000	44,000
DEL...	36,000	36,000	36,000	35,000
FLA...	59,000	60,000	62,000	62,000
GA...	125,000	126,000	130,000	131,000
IDAHO.	241,000	250,000	265,000	276,000
ILL...	1,452,000	1,452,000	1,467,000	1,467,000
IND...	354,000	845,000	837,000	829,000
IOWA.	1,584,000	1,552,000	1,583,000	1,567,000
KAS...	1,109,000	1,120,000	1,142,000	1,153,000
KY...	434,000	434,000	443,000	439,000
LA...	193,000	195,000	207,000	213,000
ME...	109,000	109,000	108,000	107,000
MD...	189,000	169,000	171,000	171,000
MASS.	60,000	59,000	57,000	54,000
MICH.	680,000	680,000	673,000	666,000
MINN.	890,000	925,000	950,000	950,000
MISS.	243,000	243,000	253,000	256,000
MO...	1,060,000	1,020,000	1,040,000	1,040,000
MONT.	430,000	460,000	506,000	557,000
NEB...	1,038,000	1,018,000	1,040,000	1,049,000
NEV...	77,000	73,000	75,000	75,000
N. H...	44,000	44,000	43,000	42,000
N. J...	92,000	92,000	90,000	89,000
N. M...	234,000	250,000	272,000	261,000
N. Y...	609,000	609,000	590,000	578,000
N. D...	185,000	185,000	187,000	181,000
N. C...	801,000	825,000	842,000	850,000
OHIO.	901,000	892,000	900,000	891,000
OKLA.	743,000	730,000	737,000	744,000
ORE...	295,000	300,000	300,000	303,000
PENN.	602,000	596,000	590,000	578,000
R. I...	9,000	8,000	8,000	8,000
S. C...	84,000	85,000	80,000	82,000
S. D...	759,000	780,000	811,000	827,000
TENN.	349,000	350,000	350,000	357,000
TEX...	1,180,000	1,200,000	1,212,000	1,164,000
UTAH.	146,000	128,000	145,000	148,000
VT...	89,000	89,000	88,000	88,000
VA...	361,000	361,000	365,000	369,000
WASH.	308,000	300,000	300,000	303,000
W. VA.	194,000	196,000	196,000	194,000
WIS...	712,000	715,000	708,000	694,099
WYO...	185,000	195,000	215,000	230,000

U. S. 21,159,999 21,210,000 21,555,000 21,534,000

MONTHLY PRICES OF HORSES.

The following table gives the United States estimated average price per head to producers of horses, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January.....	\$137.	\$130	\$128	\$129	\$130
February.....	139	132	129	131	133
March.....	138	132	131	133	137
April.....	138	132	133	136	137
May.....	139	133	134	138	136
June.....	136	132	132	137	135
July.....	137	134	133	135	132
August.....	135	131	131	132	131
September.....	132	131	131	132	123
October.....	131	129	130	130	126
November.....	130	127	129	129	122
December.....	130	126	129	129	121
Average.....	\$135	\$131	\$131	\$133	\$131

In the year 1767 William Dunbar, a New England gardener, advertised seeds for sale as follows: Peas and beans, 30 shillings per quart; Strasburg onions and orange carrots, 25 shillings per ounce; early cabbage, 40 shillings per ounce. He also sold flower seeds.

Saxon Merino sheep originated in the year 1765 by a flock of 300 Spanish Merinos sent by King Louis, XV., of France, at the request of his brother-in-law, Prince Xavier of Saxony.

Priestley's treatise on breathing of plants was issued in the year 1772.

MULES ON FARMS IN UNITED STATES.

The statement of the number of mules on the farms of the United States and covering four years, including 1919, was issued by the Department of Agriculture in February. Notwithstanding large exports, the number of mules in the United States advanced from 4,210,000 in the year 1910 to 4,925,000 head in 1919.

State.	1916.	1917.	1918.	1919.
ALA...	281,000	278,000	289,000	304,000
ARIZ...	7,000	8,000	9,000	9,000
ARK...	240,000	255,000	292,000	315,000
CALIF.	70,000	70,000	66,000	63,000
COLO.	18,000	24,000	30,000	31,000
DEL...	6,000	6,000	6,000	6,000
FLA...	29,000	31,000	34,000	35,000
GA...	315,000	324,000	334,000	344,000
IDAHO.	4,000	4,000	4,000	4,000
ILL...	152,000	150,000	150,000	147,000
IND...	95,000	95,000	95,000	94,000
IOWA...	61,000	68,000	69,000	68,000
KAS...	255,000	275,000	280,000	260,000
KY...	229,000	224,000	224,000	231,000
LA...	132,000	139,000	156,000	164,000
MD...	25,000	25,000	25,000	25,000
MICH.	4,000	4,000	4,000	4,000
MINN.	6,000	6,000	6,000	6,000
MISS.	292,000	292,000	307,000	316,000
MO...	340,000	360,000	367,000	374,000
MONT.	4,000	5,000	5,000	5,000
NEB...	98,000	112,000	118,000	109,000
NEV...	3,000	3,000	3,000	3,000
N. J...	4,000	4,000	4,000	4,000
N. M...	17,000	19,000	19,000	20,000
N. Y...	4,000	5,000	6,000	6,000
N. C...	200,000	205,000	210,000	208,000
N. D...	9,000	9,000	9,000	9,000
OHIO.	26,000	26,000	27,000	28,000
OKLA.	282,000	276,000	280,000	288,000
ORE...	10,000	10,000	10,000	10,000
PENN.	47,000	48,000	48,000	48,000
S. C...	171,000	174,000	185,000	194,000
S. D...	15,000	15,000	16,000	16,000
TENN.	272,000	270,000	273,000	278,000
TEX...	768,000	800,000	808,000	792,000
UTAH...	2,000	2,000	2,000	2,000
VA...	64,000	64,000	65,000	66,000
WASH.	17,000	19,000	19,000	20,000
W. VA.	12,000	12,000	12,000	12,000
WIS...	3,000	3,000	3,000	3,000
WYO...	3,000	4,000	4,000	4,000

U. S... 4,593,000 4,723,000 4,873,000 4,925,000

MONTHLY PRICES OF VEAL CALVES.

The following table gives the United States estimated average price per 100 pounds to producers of veal calves, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January...	\$7.89	\$7.66	\$7.67	\$ 9.15	\$11.16
February...	7.90	7.62	7.87	9.88	11.17
March.....	7.92	7.50	8.11	9.94	11.33
April.....	7.68	7.31	8.00	10.49	11.71
May.....	7.59	7.35	8.08	10.48	11.32
June.....	7.69	7.53	8.39	10.60	11.88
July.....	7.80	7.87	8.54	10.77	12.33
August.....	8.08	7.75	8.59	10.56	12.22
September.	8.06	7.80	8.77	11.08	12.57
October...	7.97	7.91	8.59	11.10	12.35
November.	7.78	7.69	8.60	10.66	11.94
December.	7.61	7.61	8.79	10.98	12.31
Average.	\$7.83	\$7.63	\$8.33	\$10.47	\$11.88

CROP OF PEANUTS—1918.

The peanut crop of 1918 is estimated at 71,460,000 bushels, the largest crop being in the state of Alabama. The early estimate was larger, but the 1918 crop is the largest on record.

State.	Planted, Acres.	Per Cent. of 1917.	Pro-duction, Bushels.
ALA.....	643,000	119	20,576,000
ARK.....	97,000	115	3,327,000
FLA.....	153,000	264	5,834,000
GA.....	314,000	123	12,434,000
MISS.....	5,000	83	162,000
MO.....	400	102	14,000
N. C.....	145,000	95	5,295,000
OKLA.....	20,000	154	530,000
S. C.....	14,000	90	638,000
TENN.....	17,000	113	729,000
TEXAS.....	647,000	110	15,916,000
VA.....	157,000	95	6,005,000
U. S.....	2,212,400	117	71,460,000

Chickens and Turkeys.

In the year 1900, in the United States, there were 233,566,021 chickens counted by the census enumerators, and in 1910 the number of chickens was increased to 280,345,133. In the year 1910 chickens were raised on 5,578,525 farms, which is 87.7 per cent. of all farms. In the year 1900 there were 6,594,695 turkeys in the United States, but in 1910 the number was reduced to 3,668,708. In the year 1910 turkeys were on 871,123 farms, which is 13.7 per cent. of all farms.

State.	Farms Reporting.	Chickens, Number.	Farms Reporting.	Turkeys, Number.
ALA...	221,103	4,589,066	22,350	84,487
ARIZ...	5,020	252,657	836	5,498
ARK...	183,480	5,182,670	20,955	83,550
CALIF.	66,063	5,666,054	11,927	116,002
COLO.	34,433	1,644,578	5,692	26,430
CONN.	23,123	1,218,123	905	3,911
DEL...	10,000	755,591	2,119	8,181
D. C...	150	7,405	6	29
FLA...	40,637	1,239,680	4,672	22,871
GA...	244,453	4,890,069	23,128	79,634
IDAHO	23,412	1,012,431	2,975	14,274
ILL...	237,074	20,563,890	43,326	189,418
IND...	202,321	13,216,152	48,180	202,977
IA...	204,574	22,691,670	26,866	124,164
KAS...	162,094	15,266,250	22,796	104,421
KY...	231,031	8,900,457	46,920	188,292
LA...	98,304	3,259,087	12,473	53,251
ME...	46,185	1,704,900	915	2,948
MD...	46,008	2,650,750	14,728	60,260
MD...	46,008	2,650,750	14,728	60,260
MASS...	28,021	1,710,989	692	2,645
MICH.	189,320	9,698,439	20,710	81,263
MINN.	142,582	10,293,849	31,750	147,335
MISS...	221,153	4,565,464	22,226	92,448
MO...	259,457	19,910,562	67,522	311,575
MONT.	17,595	322,140	3,481	16,375
NEB...	115,512	9,010,945	8,292	32,364
NEV...	1,977	126,599	478	2,839
N. H...	20,868	903,413	489	1,949
N. J...	30,078	2,012,842	2,379	31,778
N. M...	19,496	509,892	1,597	7,308
N. Y...	192,848	7,312,386	25,064	104,957
N. C...	232,458	4,566,928	16,690	70,009
N. D...	61,452	3,095,026	14,040	62,261
OHIO...	253,614	9,011,144	43,019	162,664
OKLA.	168,464	8,014,945	27,929	120,324
ORE...	37,080	1,753,732	4,434	26,689
PENN.	205,032	11,896,124	40,126	136,942
R. I...	4,315	392,704	161	1,109
S. C...	146,487	2,694,970	19,454	64,396
S. D...	61,492	4,924,349	10,832	51,992
TENN.	222,448	7,341,473	32,016	118,514
TEX...	356,877	12,719,593	70,429	369,666
UTAH.	17,424	773,662	1,684	7,992
VT...	27,464	911,781	2,456	11,693
VA...	169,391	5,684,703	39,024	148,386
WASH.	44,867	2,204,171	3,557	16,049
W. VA.	89,099	3,106,907	18,762	71,072
WIS...	163,043	9,142,719	15,764	65,020
WYO...	7,047	324,984	1,333	5,883
Total.	5,578,525	280,345,133	871,123	3,688,708

MARKETINGS BY PERCENTAGE.

WHEAT. Per Cent. of Year's Sales.

Month.	1917-18.	1916-17.	1915-16.	1914-15.	1913-14.
July.....	7.4	13.3	7.1	17.5	16.3
August.....	12.4	17.9	11.0	13.2	13.4
September...	19.3	16.8	14.4	15.5	14.3
October.....	18.0	14.1	14.5	12.5	12.8
November...	13.7	9.7	12.4	10.3	9.7
December...	7.6	5.6	11.0	7.5	7.6
January.....	4.7	7.2	6.8	5.1	6.7
February....	3.9	3.3	6.8	5.7	4.8
March.....	3.7	3.9	5.8	3.3	4.2
April.....	4.1	3.1	4.9	4.6	2.9
May.....	3.1	3.0	4.7	2.7	3.5
June.....	2.1	2.1	3.6	2.1	3.8
Season.....	100.0	100.0	100.0	100.0	100.0

In the year 1773 Spanish sheep were introduced on the Pacific coast of the United States—same kind as in Florida.

Ducks and Geese.

In the year 1900 the enumerators of the census reported 4,785,850 ducks in the United States, but in 1910 the number was reduced to 2,906,525. In 1910 there were 503,704 farms raising ducks, which is 7.9 per cent. of all farms. In 1910 the total of geese was 5,676,783 and the total of 1910 was 4,431,980, there being 662,34 farms raising geese, which is 10.4 per cent. of all farms. Herewith we present the statement of ducks and geese according to the last census.

State.	Farms Reporting.	Ducks, Number of.	Farms Reporting.	Geese, Number of.
ALA...	10,094	59,227	17,992	142,519
ARIZ...	295	1,824	87	701
ARK...	18,323	109,483	38,095	343,995
CALIF.	3,606	40,061	760	14,195
COLO...	2,486	12,250	1,053	4,455
CONN.	1,748	9,813	958	4,200
DEL...	1,884	9,790	1,019	5,111
D. C...	17	127	1	40
FLA...	823	6,218	2,985	29,556
GA...	7,515	42,221	18,194	171,625
IDAHO	1,790	8,900	8,842	8,842
ILL...	37,433	201,505	42,763	226,540
IND...	19,427	121,306	21,734	139,081
IOWA.	40,771	225,284	44,495	215,221
KAS...	18,417	114,032	17,466	95,222
KY...	16,651	98,706	43,380	399,932
LA...	7,671	51,473	14,167	121,534
ME...	1,519	6,311	1,057	4,021
MD...	8,753	50,232	4,909	23,606
MASS...	1,888	23,153	896	12,313
MICH.	14,214	54,722	18,180	66,792
MINN.	23,692	94,269	27,868	105,161
MISS...	10,118	44,228	28,613	236,791
MO...	25,047	155,129	44,777	363,866
MONT.	1,630	8,243	7,013	7,013
NEB...	17,672	92,524	20,604	89,128
NEV...	221	1,139	510	510
N. H...	694	3,572	356	1,438
N. J...	3,972	39,441	1,900	9,166
N. M...	557	2,693	151	779
N. Y...	16,604	166,488	7,647	29,310
N. C...	13,396	75,786	29,189	238,205
N. D...	10,131	39,938	8,009	30,456
OHIO...	21,288	106,958	24,121	112,706
OKLA.	16,462	112,986	13,224	113,594
ORE...	1,976	10,757	842	14,109
PENN.	23,502	163,777	13,102	46,321
R. I...	458	4,519	266	2,725
S. C...	3,633	15,653	8,125	59,664
S. D...	16,231	87,744	13,623	59,691
TENN.	21,922	142,292	4,906	366,687
TEX...	14,001	74,910	26,809	244,997
UTAH.	891	3,782	609	2,938
VT...	1,252	4,561	677	2,505
VA...	16,561	94,451	12,460	79,093
WASH.	2,558	13,179	586	14,858
W. VA.	6,776	35,576	10,447	72,972
WIS...	16,434	61,180	25,287	93,782
WYO...	744	3,411	1,708	1,708
Total.	503,704	2,906,525	662,324	4,431,980

MONTHLY MARKETINGS OF CORN BY FARMERS.

	Estimated Amount		Sold Monthly		
	by Farmers of		the United		
	States	(Millions of	States	(Millions of	
	1917-	1916-	1915-	1914-	1913-
Month.	18.	17.	16.	15.	14.
July.....	34	30	31	19	27
August.....	26	34	33	34	16
September...	22	28	35	23	21
October.....	24	25	33	23	37
November...	56	67	57	71	85
December...	78	60	88	82	102
January.....	91	73	64	96	51
February....	103	43	68	38	34
March.....	88	34	39	22	30
April.....	45	26	35	27	21
May.....	36	31	35	21	29
June.....	37	29	32	29	22
Season.....	640	480	550	485	475

Cattle Sold and Slaughtered.

Once in ten years we are able to make an examination of the number of live stock sold from the farms of the United States. This tabulation is for cattle only, not including calves, but including dry dairy cows and worn-out oxen when sold. There is also an enumeration, state by state, showing the number of cattle slaughtered on the farms. The statement is for the last census year, when there were 20,625,000 dairy cows and 41,178,000 other cattle in the United States.

State.	Farms Reporting.	Cattle Sold.	Farms Reporting.	Cattle Slaughtered.
ALA....	48,398	198,226	15,800	42,964
ARIZ....	1,988	146,852	942	10,773
ARK....	62,031	379,676	11,189	38,088
CALIF..	19,775	548,920	4,054	36,319
COLO..	11,013	437,215	5,467	26,818
CONN..	7,979	56,564	1,743	8,756
DEL....	1,805	7,070	150	551
D. COL.	37	344	2	8
FLA....	6,015	60,773	3,359	22,012
GA....	32,467	112,127	10,506	37,605
IDAHO	7,320	145,948	3,395	12,216
ILL....	106,050	1,029,835	19,120	35,466
IND....	82,019	463,825	14,877	27,122
IOWA..	128,657	2,130,255	48,883	73,454
KAS....	75,654	1,560,620	18,909	30,660
KY....	74,343	535,429	6,497	19,011
LA....	20,903	139,319	10,215	26,209
ME....	19,842	83,932	4,513	18,755
MD....	11,866	56,863	3,080	5,870
MASS..	9,927	81,661	2,021	13,521
MICH..	82,230	319,063	19,352	43,619
MINN..	73,284	442,034	47,403	79,226
MISS..	46,709	252,778	14,056	34,406
MO....	119,955	1,300,754	18,269	32,059
MONT..	6,275	272,996	4,133	19,755
NEB....	64,123	1,221,743	27,211	42,083
NEV....	981	101,190	810	11,217
N. H....	8,750	54,904	2,104	9,116
N. J....	6,270	30,954	1,377	3,175
N. M....	5,541	306,347	3,937	16,316
N. Y....	82,443	451,265	26,855	68,793
N. C....	49,030	163,015	13,201	36,132
N. D....	24,736	169,392	19,714	31,570
OHIO..	104,220	558,420	30,912	54,040
OKLA..	64,937	939,546	8,808	23,043
ORE....	13,973	249,733	5,946	24,292
PENN..	80,961	368,687	44,877	88,505
R. I....	1,573	11,177	203	6,699
S. C....	19,668	57,301	5,782	17,657
S. D....	32,328	519,607	16,959	28,475
TENN..	83,836	540,891	10,838	33,483
TEX....	117,934	2,535,219	17,248	64,031
UTAH..	5,950	110,780	2,214	8,208
VT....	17,499	145,955	6,450	18,832
VA....	41,915	134,925	8,487	20,058
WASH..	13,335	94,368	7,370	25,087
W. VA.	39,132	257,733	8,226	18,753
WIS....	90,924	417,796	33,169	51,040
WYO....	3,249	198,970	2,059	9,810
Total.	2,035,910	20,572,997	593,285	1,408,640

Calves Sold and Slaughtered.

The enumeration of calves sold from farms and calves slaughtered on farms is the official statement of the last census year. At the time the census was taken the total of all kinds and classes of cattle remaining on farms in the United States was 61,803,000 head, and the total is not far different in the year 1916. It must be remembered that many calves sold by farmers have been matured and fattened for market by other farmers.

State.	Farms Reporting.	Calves Sold.	Farms Reporting.	Calves Slaughtered.
ALA....	15,349	30,694	4,354	7,872
ARIZ....	659	7,525	171	1,144
ARK....	29,918	86,235	3,028	8,379
CALIF..	16,882	147,467	4,767	50,538
COLO..	4,302	33,934	2,591	11,557
CONN..	9,014	66,477	622	6,915
DEL....	1,481	19,292	54	414
D. COL.	65	416	5	28
FLA....	584	2,537	216	1,569
GA....	19,558	39,507	9,154	22,323
IDAHO	4,113	19,098	1,801	4,789
ILL....	89,410	410,590	11,125	81,079
IND....	83,363	251,470	5,474	21,731
IOWA..	47,028	256,071	7,286	18,235
KAS....	47,826	281,398	7,416	11,536
KY....	53,351	140,896	2,021	4,546
LA....	4,166	15,490	1,040	2,667
ME....	21,607	98,577	2,874	27,396
MD....	22,369	92,359	431	2,110
MASS..	12,412	95,486	995	14,187
MICH..	84,626	203,525	16,091	61,896
MINN..	40,529	176,970	28,204	80,493
MISS..	14,299	32,218	3,227	5,757
MO....	76,353	254,702	4,863	8,779
MONT..	1,687	18,389	1,454	8,748
NEB....	18,056	96,821	3,195	5,458
NEV....	239	3,655	217	1,416
N. H....	9,592	64,347	1,137	10,650
N. J....	16,478	112,885	622	14,025
N. M....	2,619	16,169	1,222	3,658
N. Y....	105,766	814,704	26,604	212,962
N. C....	28,530	52,137	5,964	14,602
N. D....	7,694	22,263	7,092	14,419
OHIO..	100,676	362,046	7,791	31,180
OKLA..	32,735	132,073	3,128	5,745
ORE....	6,181	30,473	9,539	40,756
PENN..	105,371	469,663	14,398	68,936
R. I....	1,395	9,653	56	1,175
S. C....	7,888	14,541	2,461	6,669
S. D....	8,970	48,662	4,326	7,034
TENN..	46,097	114,620	2,916	9,548
TEX....	59,080	512,442	8,500	22,445
UTAH..	5,173	20,754	1,233	5,312
VT....	11,216	102,781	5,147	41,375
VA....	49,121	119,002	2,022	5,086
WASH..	7,035	30,291	10,345	44,238
W. VA.	25,143	68,815	1,282	5,108
WIS....	100,723	647,915	28,716	93,167
WYO....	1,010	13,716	431	1,948
Total.	1,461,173	6,742,748	268,508	1,131,600

HEMP PRODUCTION, 1915, 1916, 1917.

Hemp production for the present is fine. The acreage is 86 per cent. greater than last year. Only two states produce any quantity of hemp, but they are doing good business. This year we have double an average crop.

State.	1915.	1916.	1917.
State.	Pounds.	Pounds.	Pounds.
KY.....	9,637,000	12,250,000	18,000,000
WIS.....	630,000	1,560,000	7,224,000
Total Above	10,267,000	13,810,000	25,224,000

In the year 1779 the expedition of General Sullivan against the Six Nations in the Geessee country, New York, ascertained that the Indians had fields of corn, and gardens of beans, peas, turnips, cabbages, melons, carrots, parsnips and potatoes.

Silk culture begun in Pennsylvania and New Jersey in 1771. It was interrupted by the Revolutionary War and only revived in a small way after the treaty of peace.

Potato Harvest Periods.

According to Agricultural Department reports there will be 30,000,000 more bushels of potatoes harvested in July and August, 1917, than last year in same period, and during the balance of the year the increase will be 133,000,000 bushels.

Jan. 1 to	Harvest Period.	
	1916.	1917 (Forecast).
	Per Ct. Bushels.	Per Ct. Bushels.
Jan. 1 to		
June 30.	5.0 14,255,000	4.0 18,279,000
July 1 to		
Aug. 31.	20.8 59,270,000	19.8 89,424,000
Sept. 1 to		
Dec. 31.	74.2 211,942,000	76.2 344,014,000
Total.	100.0 285,437,000	100.0 451,717,000

An iron plow was presented to the society of Arts in London, England, by a Mr. Brand in the year 1773.

Swine Sold by Farmers.

During the last census year from 1,841,229 farms in the United States 37,500,158 hogs were sold by farmers and the valuation reported was \$12.35 per head. The number of hogs on farms at that time by the census count was 58,188,000 head, or practically 65 per cent. of the supply.

State.	No. of Farms Reporting.	Per Cent. of Farms	Animals Sold.	Value Per Head.
ALA.	22,552	8.6	123,078	\$ 3.97
ARIZ.	489	5.3	9,780	8.42
ARK.	31,239	14.6	376,466	5.90
CALIF.	13,605	15.4	428,678	10.16
COLO.	5,398	11.7	124,667	11.15
CONN.	2,273	8.5	29,278	5.83
DEL.	1,978	18.3	20,979	5.35
DIST. COL.	5	2.3	17	11.35
FLA.	4,075	8.1	60,528	3.60
GA.	20,368	7.0	136,651	3.80
IDAHO.	5,584	18.1	150,230	11.37
ILL.	139,516	55.4	3,745,309	14.21
IND.	119,815	55.6	3,030,547	12.62
IOWA.	152,542	70.3	5,524,519	15.51
KAS.	97,836	55.0	2,857,924	14.05
KY.	69,704	26.9	1,160,301	9.17
LA.	6,015	5.0	61,794	5.73
ME.	10,628	17.7	88,167	7.58
MD.	11,425	23.4	143,415	5.74
MASS.	3,885	10.5	63,930	8.31
MICH.	85,168	41.2	981,880	11.02
MINN.	74,047	47.4	1,038,711	13.48
MISS.	17,470	6.4	88,599	4.16
MO.	153,372	55.3	4,425,428	11.58
MONT.	2,205	8.4	37,471	9.73
NEB.	78,646	60.7	2,495,959	16.41
NEV.	413	15.4	9,660	8.87
N. H.	4,067	15.0	43,008	7.70
N. J.	4,875	14.6	88,639	6.75
N. M.	2,047	5.7	20,286	6.51
N. Y.	44,584	20.7	407,915	6.40
N. C.	35,461	14.0	246,796	3.49
N. D.	14,743	19.8	315,414	11.71
OHIO.	122,902	45.2	2,317,507	12.38
OKLA.	71,176	37.4	1,591,469	11.06
OREGON.	8,148	17.9	129,641	10.91
PENN.	58,438	26.6	579,136	6.65
R. I.	409	7.7	7,725	6.64
S. C.	12,389	7.0	80,633	4.31
S. D.	32,375	42.0	721,838	15.01
TENN.	74,122	30.1	1,082,134	7.84
TEXAS.	66,661	16.0	742,769	7.75
UTAH.	2,859	13.2	30,072	7.73
VT.	9,781	29.9	93,720	8.53
VA.	20,957	16.8	293,493	5.38
WASH.	7,762	13.8	121,886	10.60
W. VA.	18,164	18.8	121,650	5.51
WIS.	88,056	49.7	1,389,717	12.99
WYO.	837	7.6	10,740	10.40
Total...	1,841,229	28.9	37,500,158	\$12.35

ARGENTINE CROPS.

Consul Robertson, at Buenos Aires, South America, reports the areas sown to wheat, linseed and oats in Argentina for the agricultural year 1917-18 as follows:

Province.	Wheat, Acres.	Linseed, Acres.	Oats, Acres.
Buenos Aires.	6,114,598	533,251	2,369,731
Santa Fe.	2,503,018	1,309,653	74,131
Cordoba.	4,929,233	768,494	148,263
Entre Rios.	1,181,159	543,630	247,104
Pampa.	2,718,148	29,457	274,286
Others.	617,761	49,421	86,487
Total, 1917-18.	17,864,412	3,233,606	3,200,002
Total, 1916-17.	16,088,967	3,207,415	2,525,406

During the Revolutionary War, Kinsey Borden, of St. Paul's Parish, South Carolina, invented a roller gin for the cleaning of long-staple and silky cotton, of which he was a large grower. It was in 1774.

In 1783 "Hubback," a great foundation bull of the Shorthorn family, was bought by Robert Colling and Mr. Waistell of Mr. Fawcett, near Darlington, England. This bull was the greatest factor in Shorthorn cattle improvement. Had been used before the discovery of his merits for service at one shilling per cow.

Swine Slaughtered on Farms.

During the last census year on 3,643,546 farms in the United States 15,378,517 hogs were slaughtered, and the farmers reported the value to be \$19.37 per head. The number of hogs on farms at that time by the census count was 58,186,000 head, practically one hog in four.

State.	No. of Farms Reporting.	Per Cent. of All Farms.	Animals Slaughtered.	Value Per Head.
ALA.	137,036	52.1	581,615	\$12.16
ARIZ.	816	8.8	3,299	13.37
ARK.	113,636	52.9	616,350	11.10
CALIF.	15,337	17.4	82,270	12.80
COLO.	12,330	26.7	52,081	15.53
CONN.	7,975	29.7	25,058	19.86
DEL.	6,636	61.2	27,588	19.84
DIST. COL.	39	18.0	383	19.37
FLA.	25,915	51.8	294,753	8.05
GA.	154,935	53.2	860,409	11.31
IDAHO.	10,470	34.0	47,437	13.90
ILL.	172,486	68.5	762,545	16.95
IND.	152,287	70.7	646,581	16.26
IOWA.	147,246	67.8	577,197	17.03
KAS.	115,110	63.0	377,566	16.50
KY.	168,483	65.0	733,642	15.11
LA.	48,727	40.4	287,447	8.51
ME.	24,404	40.7	47,319	22.68
MD.	32,931	67.3	180,406	15.79
MASS.	7,183	19.5	27,754	19.35
MICH.	114,104	55.1	381,247	15.41
MINN.	100,583	64.4	314,597	16.60
MISS.	128,043	46.7	498,659	12.66
MO.	200,247	72.2	949,318	15.18
MONT.	5,104	19.5	33,143	14.88
NEB.	81,292	62.7	261,515	16.00
NEV.	673	25.0	5,943	13.96
N. H.	9,658	35.7	22,563	22.16
N. J.	13,906	41.5	73,709	17.90
N. M.	6,677	18.7	21,929	12.19
N. Y.	107,276	49.8	386,264	17.57
N. C.	166,636	65.7	783,247	13.59
N. D.	37,893	51.0	136,257	15.82
OHIO.	182,236	67.0	768,195	17.03
OKLA.	104,564	55.0	424,436	14.26
OREGON.	18,153	39.9	102,755	14.80
PENN.	146,868	67.0	675,939	18.63
R. I.	1,034	19.5	3,674	19.49
S. C.	86,224	48.9	309,922	13.09
S. D.	36,975	47.6	117,781	15.16
TENN.	163,764	66.6	742,123	15.49
TEXAS.	221,345	53.0	885,260	15.60
UTAH.	10,040	46.3	31,210	13.94
VT.	16,559	50.6	50,786	19.05
VA.	127,841	69.5	537,797	15.40
WASH.	18,129	32.3	92,600	15.60
W. VA.	65,798	68.1	206,701	17.82
WIS.	118,436	66.9	386,243	14.92
WYO.	2,506	22.8	13,064	15.44
Total...	3,643,546	57.3	15,378,517	\$19.37

Philippine Live Stock.

The Philippine Archipelago, with millions of acres of available open areas, is one of the countries in which stock raising on a large scale may be conducted, according to a report of the Department of Agriculture of the islands. It is estimated that out of a total of 120,000 square miles, 48,000 are in grass lands.

Number of Live Stock in the Philippine Islands.

Kind.	1902.	1914.	Increase.
CARABAOS.	610,871	1,147,433	506,562
CATTLE.	128,000	477,736	349,736
HOGS.	1,179,371	2,285,880	1,106,509
SHEEP.	30,428	118,010	87,582
GOATS.	124,334	592,042	467,708
HORSES.	144,171	215,826	71,655

In the year 1783 there was an exhibition of stallions at Edinburgh, Scotland. Highest prize won by "Blaze," first horse causing marked improvement in Clydesdales.

Goats and Mohair.

This is a statement of the last census (the latest available) when a reliable count was made showing where the goats are, the number of farms reporting goats, the actual number of goats, the number of farms that produce mohair and the complete state by state mohair production. The number of farms reporting goats and kids increased from 77,515 in 1900 to 82,755 in 1910. The number of goats increased from 1,870,599 in 1900 to 2,915,125 in 1910. The mohair production increased from 961,328 pounds in 1899 to 3,778,706 pounds in 1909.

State.	1910.			
	Farms Re- porting.	Number Goats.	Farms, Mohair, Fleeces. Pounds.	
ALA.....	5,667	79,347	36	808
ARIZ.....	911	246,617	114	246,030
ARK.....	4,790	58,294	194	7,265
CALIF.....	1,714	138,413	367	282,596
COLO.....	959	31,611	40	7,894
CONN.....	38	500	12	1,009
DEL.....	95	88	1	210
D. OF C.....				
FLA.....	1,947	47,371	7	165
GA.....	6,301	89,616	25	1,520
IDAHO.....	98	5,719	35	16,412
ILL.....	2,040	12,435	184	14,922
IND.....	1,723	7,290	119	4,472
IOWA.....	2,400	20,664	266	29,206
KAS.....	917	8,847	95	8,805
KY.....	2,713	29,869	198	7,702
LA.....	3,554	57,102	12	1,044
MAINE.....	147	582	39	639
MD.....	198	1,182	27	1,570
MASS.....	201	1,251	35	1,695
MICH.....	686	5,080	117	5,677
MINN.....	784	4,588	131	6,929
MISS.....	4,039	45,871	36	1,303
MO.....	3,947	72,415	858	66,684
MONT.....	176	5,045	38	8,328
NEB.....	892	3,290	53	2,425
NEV.....	64	4,849	8	5,719
N. H.....	96	495	22	629
N. J.....	157	574	7	187
N. M.....	3,440	412,050	237	394,895
N. Y.....	719	3,475	74	5,412
N. C.....	4,247	35,019	56	1,020
N. D.....	294	1,074	36	470
OHIO.....	918	5,379	133	5,840
OKLA.....	1,436	25,591	129	10,503
OREGON.....	4,144	185,411	3,075	523,435
PENN.....	945	3,539	126	3,198
R. I.....	49	106	1	2
S. C.....	3,175	24,750	11	486
S. D.....	660	2,337	54	1,538
TENN.....	4,859	43,560	115	3,428
TEXAS.....	7,937	1,135,244	1,544	1,997,924
UTAH.....	134	29,014	21	44,708
VT.....	69	261	14	471
VA.....	738	7,327	79	8,047
WASH.....	417	8,621	164	19,120
W. VA.....	385	5,748	117	8,991
WIS.....	863	4,875	111	4,133
WYO.....	72	2,739	13	14,238
Total...	82,755	2,915,125	9,186	3,778,706

If you are unable to find what you desire in AGRICULTURAL STATISTICS, turn to the index. You may find it there.

LIVE STOCK IN DENMARK.

The following table, compiled from Danish official sources, shows the number of live stock in Denmark for the years 1914-1918, inclusive:

Date.	Horses. Number.	Cattle. Number.	Sheep. Number.	Swine. Number.
1914....	567,240	2,462,862	514,908	2,496,706
1915....	525,690	2,416,471	533,000	1,918,627
1916....	515,415	2,289,996	555,000	1,983,255
1917....	538,395	2,452,853	267,979	1,980,727
1918....	510,615	2,141,684	247,213	513,012

STATE CROP VALUATIONS.

In this table the three ciphers are omitted from the values; in other words, the state values represent millions of dollars and the totals at the bottom represent billions of dollars. The intention of the table is to show the standing of the states; for instance, from 1912 to 1916 Texas was first; in 1917 Texas was third; in 1918 Texas was third; again in the period 1912 to 1916 the state of Illinois was third; in 1917 and in 1918 Illinois was first. The United States Department of Agriculture furnished the statement in December, 1918.

State.	1917.		1912-16		17	18
	Value	Value	All Crops.	All Crops.	All Crops.	All Crops.
ALA.....	287,939	366,677	17	25	40	40
ARIZ.....	31,193	42,267	47	44	23	23
ARK.....	371,660	331,479	22	16	22	22
CALIF.....	439,521	365,028	13	10	21	21
COLO.....	164,890	153,639	29	28	28	28
CONN.....	54,345	59,954	40	39	40	40
DEL.....	27,707	26,290	46	45	46	46
FLA.....	96,559	103,144	37	35	36	36
GA.....	553,431	590,292	4	4	4	4
IDAHO.....	96,525	107,111	36	36	34	34
ILL.....	849,990	879,679	3	1	1	1
IND.....	504,300	507,563	12	8	8	8
IOWA.....	792,618	821,920	2	2	2	2
KAS.....	416,225	421,298	7	13	14	14
KY.....	353,877	385,066	24	20	18	18
LA.....	284,654	282,640	27	26	27	27
ME.....	68,597	79,410	34	37	37	37
MD.....	122,368	127,231	33	31	32	32
MASS.....	64,889	70,204	38	38	38	38
MICH.....	355,116	336,669	16	19	22	22
MINN.....	464,294	562,545	11	9	5	5
MISS.....	351,070	403,789	20	21	16	16
MO.....	536,827	482,436	10	6	9	9
MONT.....	105,745	146,713	30	33	29	29
NEB.....	522,186	390,944	8	7	17	17
NEV.....	24,477	24,536	45	47	47	47
N. H.....	25,500	29,776	43	46	45	45
N. J.....	103,107	103,321	35	34	35	35
N. M.....	38,470	40,711	44	43	44	44
N. Y.....	418,089	447,216	5	12	11	11
N. C.....	434,093	537,438	14	11	7	7
N. D.....	220,290	375,601	21	27	19	19
OHIO.....	547,134	541,400	6	5	6	6
OKLA.....	340,406	264,502	18	22	27	27
ORE.....	108,025	122,481	31	32	33	33
PENN.....	407,612	459,929	9	14	10	10
R. I.....	8,235	7,965	48	48	48	48
S. C.....	383,153	446,313	19	15	12	12
S. D.....	358,748	438,880	26	18	13	13
TENN.....	288,744	324,256	23	24	24	24
TEXAS.....	790,923	695,651	1	3	3	3
UTAH.....	52,299	54,759	41	41	41	41
VT.....	44,484	50,874	39	42	42	42
VA.....	303,818	322,224	25	23	25	25
WASH.....	144,422	135,255	28	29	31	31
W. VA.....	126,487	141,043	32	30	30	30
WIS.....	367,370	417,888	15	17	15	15
WYO.....	51,247	61,752	42	40	39	39

U.S. 13,506,669 14,000,769
NOTE.—000 000 omitted.

POTO RICO LIVE STOCK.

The Food Commission of the island of Poto Rico made the following report, dated January, 1918, the asses and sheep not being reported in 1918.

Kind.	Census 1910.	Jan., 1918.
Cattle.	Number.	Number.
Cows.....	112,069	107,453
Oxen.....	97,937	123,259
Calves.....	103,880	95,046

Total.....	313,886	325,758
Horses.....	55,225	62,954
Mules.....	4,569	9,305
Asses and Burros.....	985	000
Hogs.....	103,041	102,338
Sheep.....	5,525	000
Poultry.....	668,520	976,081
Goats.....	45,982	49,127

The famous French nurseries at Ussy, afterwards acquired by Levavasseur & Sons, were established by Mons. Turgot, Comptroller General of France under Louis XIV. in the year 1776.

The first investigation of pleuro-pneumonia in cattle by Bourgelat, the founder of veterinary schools, brought about by prevalence of the disease in Europe. It was in the year 1769.

FARM PRODUCTIONS BY STATES

Taken From Original Government Records, State by State — Grain Crops and Live Stock Estimates.

The following arrangement is for the purpose of showing at a glance the number of farms in each state, the average size of the farm, the farm population at the last census (to which 10 per cent. can be added), the live stock on hand according to latest (1919) complete reports, also approximately the crops of 1915, 1916 and 1917, as estimated by the United States Department of Agriculture:

ALABAMA

Has 262,901 Farms.
Average 78.9 Acres.

1,767,662 Farm Population.	
1916.	LIVE STOCK. 1917.
396,000	Dairy Cows. 405,000
534,000	Other Cattle. 534,000
1,715,000	Swine. + 1,850,000
119,000	Sheep. 121,000
76,361	Goats. 79,340
150,000	Horses. 150,000
281,000	Mules. 278,000
1,200	Jack Stock. 1,300
1918.	LIVE STOCK. 1919.
433,000	Dairy Cows. 494,000
668,000	Other Cattle. 851,000
2,128,000	Swine. 2,223,000
131,000	Sheep. 140,000
153,000	Horses. 155,000
289,000	Mules. 304,000

1915	1916	CROPS.
1,200,000	1,045,000	Bu. Wheat.
66,300,000	46,688,000	Bu. Corn.
11,400,000	10,500,000	Bu. Oats.
40,000	52,000	Bu. Rye.
8,000	8,000	Bu. Rice.
1,600,000	1,800,000	Bu. White Potatoes.
7,200,000	6,200,000	Bu. Sweet Potatoes.
362,000	358,000	Tons Tame Hay.
34,000	42,000	Tons Wild Hay.
1,020,000	525,000	Bales Cotton.
100,000	60,000	Pounds Tobacco.
532,000	380,000	Barrels Apples.
2,640,000	1,110,000	Bu. Peaches.
168,000	90,000	Bu. Pears.
380,000	350,000	Lbs. Wool.
1917	1918	CROPS.
930,000	1,330,000	Bu. Wheat.
77,200,000	67,686,000	Bu. Corn.
9,720,000	8,132,000	Bu. Oats.
000	000	Bu. Barley.
38,000	44,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
12,000	15,000	Bu. Rice.
2,952,000	4,800,000	Bu. White Potatoes.
13,500,000	14,688,000	Bu. Sweet Potatoes.
1,158,000	1,293,000	Tons Tame Hay.
37,000	35,000	Tons Wild Hay.
146,000	700,000	Lbs. Tobacco.
505,000	820,000	Bales Cotton.
16,013,000	17,480,000	Bu. Peanuts.
1,453,000	1,551,000	Bu. Apples.
1,830,000	3,142,000	Bu. Peaches.
80,000	152,000	Bu. Pears.
350,000	368,000	Lbs. Wool.

ARIZONA

Has 9,227 Farms.
Average 135.1 Acres.

141,004 Farm Population.	
1916.	LIVE STOCK. 1917.
53,000	Dairy Cows. 81,000
838,000	Other Cattle. 864,000
40,000	Swine. 80,000
1,849,000	Sheep. 1,632,000
216,327	Goats. 280,000
124,000	Horses. 129,000
7,000	Mules. 8,000
1918.	LIVE STOCK. 1919.
87,000	Dairy Cows. 72,000

1,037,000	Other Cattle.	1,100,000
64,000	Swine.	58,000
1,550,000	Sheep.	1,400,000
135,000	Horses.	136,000
9,000	Mules.	9,000

1915	1916	CROPS.
1,092,000	1,160,000	Bu. Wheat.
600,000	770,000	Bu. Corn.
333,000	338,000	Bu. Oats.
1,295,000	1,120,000	Bu. Barley.
95,000	115,000	Bu. White Potatoes.
470,000	627,000	Tons Tame Hay.
10,000	14,000	Tons Wild Hay.
40,000	46,000	Barrels Apples.
60,000	56,000	Bu. Peaches.
22,000	18,000	Bu. Pears.
5,985,000	5,950,000	Lbs. Wool.
1917	1918	CROPS.
825,000	988,000	Bu. Wheat.
861,000	952,000	Bu. Corn.
400,000	440,000	Bu. Oats.
1,155,000	1,020,000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
420,000	425,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
550,000	480,000	Tons Tame Hay.
18,000	13,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
21,000	51,000	Bales Cotton.
152,000	72,000	Bu. Beans.
1,980,000	1,624,100	Bu. Katirs.
135,000	152,000	Bu. Apples.
60,000	58,000	Bu. Peaches.
21,000	19,000	Bu. Pears.
5,831,000	5,656,000	Lbs. Wool.

ARKANSAS

Has 214,678 Farms.
Average 81.8 Acres.

1,371,768 Farm Population.	
1916.	LIVE STOCK. 1917.
402,000	Dairy Cows. 402,000
523,000	Other Cattle. 550,000
1,589,000	Swine. 1,575,000
124,000	Sheep. 124,000
50,938	Goats. 58,000
270,000	Horses. 275,000
240,000	Mules. 250,000
3,000	Jack Stock. 3,100
1918.	LIVE STOCK. 1919.
425,000	Dairy Cows. 443,000
638,000	Other Cattle. 678,000
1,643,000	Swine. 1,725,000
149,000	Sheep. 147,000
275,000	Horses. 267,000
263,000	Mules. 315,000
1915	1916 CROPS.
2,750,000	2,040,000 Bu. Wheat.
62,100,000	45,135,000 Bu. Corn.
10,125,000	7,350,000 Bu. Oats.
10,000	10,000 Bu. Rye.
4,840,000	6,312,000 Bu. Rice.
2,520,000	1,625,000 Bu. White Potatoes.
3,900,000	3,185,000 Bu. Sweet Potatoes.
560,000	469,000 Tons Tame Hay.
127,000	92,000 Tons Wild Hay.
816,002	1,145,000 Bales Cotton.
300,000	250,000 Pounds Tobacco.
1,183,000	1,018,000 Barrels Apples.
5,940,000	2,520,000 Bu. Peaches.
135,000	68,000 Bu. Pears.
385,000	350,000 Lbs. Wool.
1917	1918 CROPS.
3,360,000	3,048,000 Bu. Wheat.
67,200,000	35,100,000 Bu. Corn.
9,520,000	11,271,000 Bu. Oats.
000	000 Bu. Barley.
27,000	21,000 Bu. Rye.
000	000 Bu. Buckwheat.
000	000 Bu. Flaxseed.
5,994,000	7,310,000 Bu. Rice.
3,680,000	2,400,000 Bu. White Potatoes.
4,400,000	3,420,000 Bu. Sweet Potatoes.
573,000	524,000 Tons Tame Hay.
99,000	71,000 Tons Wild Hay.
210,000	210,000 Lbs. Tobacco.
895,000	935,000 Bales Cotton.
1,110,000	546,000 Bu. Peanuts.
2,683,000	1,314,000 Bu. Apples.
630,000	546,000 Bu. Peaches.
102,000	64,000 Bu. Pears.
350,000	402,000 Lbs. Wool.

CALIFORNIA

Has 88,197 Farms.
Average 316.7 Acres.

907,810 Farm Population.

1916.	LIVE STOCK.	1917.
568,000	Dairy Cows.	591,000
1,554,000	Other Cattle.	1,636,000
947,000	Swine.	994,000
2,450,000	Sheep.	2,524,000
120,829	Goats.	138,000
493,000	Horses.	468,000
70,000	Mules.	70,000
2,500	Jack Stock.	2,600
1918.	LIVE STOCK.	1919.
597,000	Dairy Cattle.	561,000
1,701,000	Other Cattle.	1,650,000
974,000	Swine.	1,003,000
2,776,000	Sheep.	2,943,000
468,000	Horses.	435,000
66,000	Mules.	63,000
1915	1916	CROPS.
7,040,000	5,600,000	Bu. Wheat.
2,624,000	2,048,000	Bu. Corn.
6,963,000	6,500,000	Bu. Oats.
39,440,000	32,320,000	Bu. Barley.
112,000	104,000	Bu. Rye.
2,268,000	4,543,000	Bu. Rice.
10,140,000	10,575,000	Bu. White Potatoes.
810,000	960,000	Bu. Sweet Potatoes.
4,520,000	4,375,000	Tons Tame Hay.
280,000	240,000	Tons Wild Hay.
28,551	60,000	Bales Cotton.
1,238,000	1,439,000	Tons Sugar Beets.
3,825,000	4,175,000	Bu. Beans.
1,563,000	1,918,000	Barrels Apples.
9,768,000	8,769,000	Bu. Peaches.
1,650,000	1,784,000	Bu. Pears.
.....	600,000	Lbs. Hemp.
11,590,000	11,600,000	Lbs. Wool.
1917	1918	CROPS.
7,425,000	7,590,000	Bu. Wheat.
2,400,000	2,975,000	Bu. Corn.
6,860,000	5,600,000	Bu. Oats.
39,150,000	34,320,000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
5,600,000	7,011,000	Bu. Rice.
15,525,000	12,870,000	Bu. White Potatoes.
1,002,000	1,020,000	Bu. Sweet Potatoes.
4,560,000	2,970,000	Tons Tame Hay.
259,000	173,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
67,000	100,000	Bales Cotton.
1,318,000	843,700	Tons Sugar Beets.
8,035,000	8,880,000	Bu. Beans.
15,708,000	12,500,000	Lbs. Hops.
5,592,000	5,577,000	Bu. Apples.
14,151,000	11,570,000	Bu. Peaches.
3,523,000	1,890,000	Bu. Pears.
8,632,000	14,322,000	Boxes Oranges.
12,180,000	12,545,000	Lbs. Wool.

COLORADO

Has 46,170 Farms.
Average 293.1 Acres.

394,184 Farm Population.

1916.	LIVE STOCK.	1917.
219,000	Dairy Cows.	237,000
1,096,000	Other Cattle.	1,150,000
320,000	Swine.	352,000
1,839,000	Sheep.	1,950,000
30,644	Goats.	33,000
361,000	Horses.	365,000
19,000	Mules.	20,000
3,200	Jack Stock.	3,300
1918.	LIVE STOCK.	1919.
257,000	Dairy Cows.	264,000
1,274,000	Other Cattle.	1,361,000
356,000	Swine.	406,000
2,086,000	Sheep.	2,300,000
399,000	Horses.	419,000
26,000	Mules.	31,000
1915	1916	CROPS.
13,310,000	11,885,000	Bu. Wheat.
11,280,000	7,362,000	Bu. Corn.
11,700,000	9,570,000	Bu. Oats.
4,680,000	5,120,000	Bu. Barley.
525,000	392,000	Bu. Rye.
9,900	6,000	Bu. Flaxseed.
7,155,000	6,900,000	Bu. White Potatoes.
2,134,000	1,988,000	Tons Tame Hay.
515,000	423,000	Tons Wild Hay.

1,820,000	2,015,000	Tons Sugar Beets.
693,000	735,000	Barrels Apples.
650,000	405,000	Bu. Peaches.
99,000	99,000	Bu. Pears.
340,000	424,000	Bu. Beans.
151,708	100,710	Bu. Onions.
39,700	32,000	Tons Cabbage.
400	400	Acres Celery.
000	16,300	Lbs. Hemp.
7,800,000	8,100,000	Lbs. Wool.
1917	1918	CROPS.
13,536,000	13,335,000	Bu. Wheat.
10,640,000	11,067,000	Bu. Corn.
11,130,000	9,669,000	Bu. Oats.
5,544,000	4,928,000	Bu. Barley.
432,000	324,000	Bu. Rye.
000	000	Bu. Buckwheat.
14,000	000	Bu. Flaxseed.
000	000	Bu. Rice.
9,310,000	11,376,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
2,376,000	2,045,000	Tons Tame Hay.
460,000	424,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
1,853,200	1,412,200	Tons Sugar Beets.
1,461,000	1,638,000	Bu. Beans.
1,320,000	1,748,000	Bu. Kafirs.
4,650	5,200	Tons Broom Corn.
59,400	49,720	Tons Cabbage.
2,640,000	1,845,000	Bu. Apples.
1,200,000	754,000	Bu. Peaches.
320,000	194,000	Bu. Pears.
8,820,000	9,261,000	Lbs. Wool.

CONNECTICUT

Has 26,815 Farms.
Average 81.5 Acres.

114,917 Farm Population.

1916.	LIVE STOCK.	1917.
119,000	Dairy Cows.	121,000
72,000	Other Cattle.	73,000
59,000	Swine.	58,000
18,000	Sheep.	18,000
485	Goats.	500
46,000	Horses.	46,000
1918.	LIVE STOCK.	1919.
116,000	Dairy Cows.	114,000
78,000	Other Cattle.	75,000
64,000	Swine.	83,000
20,000	Sheep.	24,000
15,000	Horses.	44,000
1915	1916	CROPS.
3,250,000	2,700,000	Bu. Corn.
422,000	450,000	Bu. Oats.
150,000	137,000	Bu. Rye.
60,000	57,000	Bu. Buckwheat.
2,280,000	2,090,000	Bu. White Potatoes.
493,000	574,000	Tons Tame Hay.
12,000	15,000	Tons Wild Hay.
29,970,000	36,186,000	Pounds Tobacco.
517,000	610,000	Barrels Apples.
335,000	136,000	Bu. Peaches.
36,000	46,000	Bu. Pears.
80,000	75,000	Lbs. Wool.
1917	1918	CROPS.
000	000	Bu. Wheat.
4,485,000	2,800,000	Bu. Corn.
660,000	912,000	Bu. Oats.
000	000	Bu. Barley.
144,000	242,000	Bu. Rye.
52,000	150,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
3,190,000	2,470,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
525,000	524,000	Tons Tame Hay.
15,000	14,000	Tons Wild Hay.
29,540,000	37,500,000	Lbs. Tobacco.
600	000	Bales Cotton.
1,316,000	1,184,000	Bu. Apples.
268,000	15,000	Bu. Peaches.
29,000	31,000	Bu. Pears.
75,000	76,000	Lbs. Wool.

DELAWARE

Has 10,836 Farms.
Average 95.9 Acres.

105,237 Farm Population.

1916.	LIVE STOCK.	1917.
42,000	Dairy Cows.	43,000
21,000	Other Cattle.	21,000
61,000	Swine.	60,000

8,000	Sheep.	8,000
36,000	Horses.	36,000
6,000	Mules.	6,000
1918.	LIVE STOCK.	1919.
43,000	Dairy Cows.	46,000
23,000	Other Cattle.	23,000
64,000	Swine.	71,000
10,000	Sheep.	10,000
36,000	Horses.	35,000
6,000	Mules.	6,000
1915	1916 CROPS.	
1,875,000	1,860,000 Bu. Wheat.	
6,615,000	6,970,000 Bu. Corn.	
134,000	120,000 Bu. Oats.	
16,000	15,000 Bu. Rye.	
56,000	57,000 Bu. Buckwheat.	
1,045,000	90,000 Bu. White Potatoes.	
675,000	625,000 Bu. Sweet Potatoes.	
34,000	116,000 Tons Tame Hay.	
12,000	13,000 Tons Wild Hay.	
122,000	83,000 Barrels Apples.	
812,000	35,000 Bu. Peaches.	
223,000	164,000 Bu. Pears.	
30,000	30,000 Lbs. Wool.	
1917	1918 CROPS.	
2,162,000	1,729,000 Bu. Wheat.	
7,820,000	7,285,000 Bu. Corn.	
128,000	175,000 Bu. Oats.	
16,000	14,000 Bu. Rye.	
60,000	82,000 Bu. Buckwheat.	
000	000 Bu. Flaxseed.	
000	000 Bu. Rice.	
1,235,000	957,000 Bu. White Potatoes.	
560,000	600,000 Bu. Sweet Potatoes.	
98,000	100,000 Tons Tame Hay.	
11,000	11,000 Tons Wild Hay.	
000	000 Lbs. Tobacco.	
000	000 Bales Cotton.	
450,000	500,000 Bu. Apples.	
617,000	284,000 Bu. Peaches.	
294,000	238,000 Bu. Pears.	
31,000	31,000 Lbs. Wool.	

FLORIDA

Has 50,016 Farms.

Average 105.6 Acres.

533,539 Farm Population.

1916.	LIVE STOCK.	1917.
136,000	Dairy Cows.	141,000
772,000	Other Cattle.	865,000
996,000	Swine.	1,100,000
119,000	Sheep.	119,000
40,521	Goats.	47,000
59,000	Horses.	60,000
29,000	Mules.	31,000
1918.	LIVESTOCK.	1919.
145,000	Dairy Cows.	149,000
891,000	Other Cattle.	936,000
1,375,000	Swine.	1,512,000
120,000	Sheep.	120,000
62,000	Horses.	62,000
33,000	Mules.	35,000
1915	1916 CROPS.	
12,000,000	12,600,000 Bu. Corn.	
1,220,000	900,000 Bu. Oats.	
12,000	18,000 Bu. Rice.	
960,000	1,110,000 Bu. White Potatoes.	
2,576,000	2,500,000 Bu. Sweet Potatoes.	
61,000	70,000 Tons Tame Hay.	
12,000	10,000 Tons Wild Hay.	
47,831	43,000 Bales Cotton.	
3,549,000	3,025,000 Pounds Tobacco.	
177,000	106,000 Bu. Peaches.	
104,000	51,000 Bu. Pears.	
330,000	345,000 Lbs. Wool.	
1917	1918 CROPS.	
000	000 Bu. Wheat.	
13,875,000	14,080,000 Bu. Corn.	
770,000	1,080,000 Bu. Oats.	
000	000 Bu. Barley.	
000	000 Bu. Rye.	
000	000 Bu. Buckwheat.	
000	000 Bu. Flaxseed.	
21,000	29,000 Bu. Rice.	
2,275,000	3,500,000 Bu. White Potatoes.	
3,500,000	3,960,000 Bu. Sweet Potatoes.	
110,000	120,000 Tons Tame Hay.	
8,000	10,000 Tons Wild Hay.	
3,410,000	4,410,000 Lbs. Tobacco.	
40,000	25,000 Bales Cotton.	
1,400,000	5,202,000 Bu. Peanuts.	
000	000 Bu. Apples.	
122,000	264,000 Bu. Peaches.	
46,000	132,000 Bu. Pears.	
1,209,000	5,265,000 Boxes Oranges.	
355,000	426,000 Lbs. Wool.	

GEORGIA

Has 291,027 Farms.

Average 92.6 Acres.

2,070,471 Farm Population.

1916.	LIVE STOCK.	1917.
414,000	Dairy Cows.	418,000
686,000	Other Cattle.	686,000
2,348,000	Swine.	2,585,000
161,000	Sheep.	150,000
79,959	Goats.	85,000
125,000	Horses.	127,000
315,000	Mules.	324,000
1918.	LIVE STOCK.	1919.
435,000	Dairy Cows.	452,000
755,000	Other Cattle.	763,000
2,766,000	Swine.	3,043,000
144,000	Sheep.	144,000
130,000	Horses.	131,000
334,000	Mules.	344,000
1915	1916 CROPS.	
3,573,000	3,803,000 Bu. Wheat.	
64,950,000	62,000,000 Bu. Corn.	
17,648,000	16,770,000 Bu. Oats.	
120,000	154,000 Bu. Rye.	
26,000	125,000 Bu. Rice.	
1,040,000	900,000 Bu. White Potatoes.	
8,025,000	7,520,000 Bu. Sweet Potatoes.	
345,000	375,000 Tons Tame Hay.	
17,000	18,000 Tons Wild Hay.	
1,496,000	1,554,000 Pounds Tobacco.	
1,900,000	1,845,000 Bales Cotton.	
625,000	541,000 Barrels Apples.	
5,330,000	3,510,000 Bu. Peaches.	
203,000	135,000 Bu. Pears.	
460,000	495,000 Lbs. Wool.	
1917	1918 CROPS.	
2,074,000	3,631,000 Bu. Wheat.	
72,000,000	68,850,000 Bu. Corn.	
10,400,000	12,000,000 Bu. Oats.	
000	000 Bu. Barley.	
128,000	176,000 Bu. Rye.	
000	000 Bu. Buckwheat.	
000	000 Bu. Flaxseed.	
27,000	31,000 Bu. Rice.	
1,596,000	1,610,000 Bu. White Potatoes.	
11,625,000	11,960,000 Bu. Sweet Potatoes.	
562,000	615,000 Tons Tame Hay.	
14,000	12,000 Tons Wild Hay.	
1,600,000	2,668,000 Lbs. Tobacco.	
1,820,000	2,100,000 Bales Cotton.	
9,435,000	10,135,000 Bu. Peanuts.	
1,754,000	1,766,000 Bu. Apples.	
4,716,000	6,746,000 Bu. Peaches.	
140,000	188,000 Bp. Pears.	
455,000	478,000 Lbs. Wool.	

IDAHO

Has 30,807 Farms.

Average 171.5 Acres.

255,696 Farm Population.

1916.	LIVE STOCK.	1917.
126,000	Dairy Cows.	130,000
406,000	Other Cattle.	418,000
344,000	Swine.	292,000
3,102,000	Sheep.	3,195,000
5,797	Goats.	6,000
241,000	Horses.	239,000
4,000	Mules.	4,000
1918.	LIVE STOCK.	1919.
139,000	Dairy Cows.	139,000
488,000	Other Cattle.	537,000
219,000	Swine.	208,000
3,202,000	Sheep.	3,224,000
258,000	Horses.	276,000
1,000	Mules.	4,000
1915	1916 CROPS.	
18,730,000	15,071,000 Bu. Wheat.	
770,000	735,000 Bu. Corn.	
15,745,000	13,330,000 Bu. Oats.	
7,736,000	7,410,000 Bu. Barley.	
60,000	34,000 Bu. Rye.	
3,590,000	4,050,000 Bu. White Potatoes.	
1,828,000	1,812,000 Tons Tame Hay.	
157,000	134,000 Tons Wild Hay.	
375,000	427,000 Tons Sugar Beets.	
573,000	117,000 Barrels Apples.	
162,000	25,000 Bu. Peaches.	
75,000	50,000 Bu. Pears.	
15,285,000	15,000,000 Lbs. Wool.	
1917	1918 CROPS.	
18,830,000	18,043,000 Bu. Wheat.	
682,000	900,000 Bu. Corn.	
10,450,000	9,480,000 Bu. Oats.	

5,510,000	4,900,000	Bu. Barley.
31,000	60,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
6,084,000	5,220,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
2,175,000	1,934,000	Tons Tame Hay.
162,000	000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
329,800	336,000	Tons Sugar Beets.
90,000	78,000	Bu. Clover Seed.
3,882,000	582,000	Bu. Apples.
165,000	80,000	Bu. Peaches.
70,000	60,000	Bu. Pears.
17,500,000	19,500,000	Lbs. Wool.

ILLINOIS

Has 251,872 Farms.
Average 129.1 Acres.

2,161,662 Farm Population.

1916.	LIVE STOCK.	1917.
1,047,000	Dairy Cows.	1,057,000
1,239,000	Other Cattle.	1,251,000
4,489,000	Swine.	4,444,000
907,000	Sheep.	898,000
12,000	Goats.	13,000
1,432,000	Horses.	1,452,000
152,000	Mules.	150,000
2,800	Jack Stock.	3,000
1918.	LIVE STOCK.	1919.
1,057,000	Dairy Cows.	1,060,000
1,314,000	Other Cattle.	1,367,000
5,111,000	Swine.	5,724,000
988,000	Sheep.	1,028,000
1,467,000	Horses.	1,467,000
150,000	Mules.	147,100

1915 1916 CROPS.

53,200,000	16,225,000	Bu. Wheat.
376,164,400	306,800,000	Bu. Corn.
195,435,000	172,095,000	Bu. Oats.
1,836,000	1,920,000	Bu. Barley.
906,000	666,000	Bu. Rye.
68,000	68,000	Bu. Buckwheat.
595,000	525,000	Pounds Tobacco.
13,860,000	7,250,000	Bu. White Potatoes.
880,000	720,000	Bu. Sweet Potatoes.
3,696,000	4,495,000	Tons Tame Hay.
124,000	156,000	Tons Wild Hay.
4,716,000	1,616,000	Barrels Apples.
874,000	810,000	Bu. Peaches.
496,000	351,000	Bu. Pears.
3,975,000	3,855,000	Lbs. Wool.

1917

1917	1918	CROPS.
30,400,000	60,991,000	Bu. Wheat.
418,000,000	351,450,000	Bu. Corn.
244,400,300	198,352,000	Bu. Oats.
2,475,000	9,000,000	Bu. Barley.
752,900	3,800,000	Bu. Rye.
76,000	71,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
13,500,000	11,520,000	Bu. White Potatoes.
776,000	656,000	Bu. Sweet Potatoes.
3,438,000	4,552,000	Tons Tame Hay.
104,000	131,000	Tons Wild Hay.
560,000	532,000	Lbs. Tobacco.
8,250	9,000	Tons Broom Corn.
115,000	298,200	Bu. Clover Seed.
7,500,000	3,213,000	Bu. Apples.
364,000	78,000	Bu. Peaches.
456,000	302,000	Bu. Pears.
3,885,000	4,048,000	Lbs. Wool.

INDIANA

Has 215,485 Farms.
Average 98.3 Acres.

1,557,041 Farm Population.

1916.	LIVE STOCK.	1917.
672,000	Dairy Cows.	706,000
728,000	Other Cattle.	735,000
4,167,000	Swine.	3,970,000
1,058,000	Sheep.	1,005,000
7,000	Goats.	7,000
854,000	Horses.	845,000
95,000	Mules.	95,000
1,646	Jack Stock.	1,700
1918.	LIVE STOCK.	1919.
713,000	Dairy Cows.	713,000
757,000	Other Cattle.	780,000
4,168,000	Swine.	4,668,000
998,000	Sheep.	1,098,000
827,000	Horses.	829,000
95,000	Mules.	94,000

1915	1916	CROPS.
47,300,000	19,440,000	Bu. Wheat.
190,950,000	174,658,000	Bu. Corn.
65,520,000	52,500,000	Bu. Oats.
224,000	405,000	Bu. Barley.
2,409,000	2,590,000	Bu. Rye.
70,000	144,000	Bu. Buckwheat.
7,125,000	3,256,000	Bu. White Potatoes.
208,000	300,000	Bu. Sweet Potatoes.
3,030,000	3,312,000	Tons Tame Hay.
78,000	91,000	Tons Wild Hay.
11,340,000	13,764,000	Pounds Tobacco.
3,883,000	1,307,000	Barrels Apples.
648,000	633,000	Bu. Peaches.
410,000	351,000	Bu. Pears.
564,880	744,896	Bu. Onions.
6,500	3,900	Tons Cabbage.
4,690,000	4,420,000	Lbs. Wool.

1917

1917	1918	CROPS.
33,392,000	49,427,000	Bu. Wheat.
203,436,000	169,554,000	Bu. Corn.
76,440,000	85,050,000	Bu. Oats.
1,068,000	1,665,000	Bu. Barley.
3,000,000	6,765,000	Bu. Rye.
150,000	360,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
8,464,000	7,760,000	Bu. White Potatoes.
318,000	324,000	Bu. Sweet Potatoes.
3,001,000	3,204,000	Tons Tame Hay.
88,000	72,000	Tons Wild Hay.
14,060,000	15,159,000	Lbs. Tobacco.
60,000	000	Bu. Beans.
12,350	11,220	Tons Cabbage.
202,000	176,000	Bu. Clover Seed.
5,915,000	2,070,000	Bu. Apples.
592,000	92,000	Bu. Peaches.
410,000	280,000	Bu. Pears.
4,332,000	4,765,000	Lbs. Wool.

IOWA

Has 217,044 Farms.
Average 156.3 Acres.

1,544,717 Farm Population.

1916.	LIVE STOCK.	1917.
1,391,000	Dairy Cows.	1,405,000
2,737,000	Other Cattle.	2,754,000
9,069,000	Swine.	9,370,000
1,274,000	Sheep.	1,240,000
20,500	Goats.	21,000
1,584,000	Horses.	1,552,000
61,000	Mules.	62,000
1,700	Jack Stock.	1,700
1918.	LIVE STOCK.	1919.
1,405,000	Dairy Cows.	1,381,000
2,919,000	Other Cattle.	2,861,000
10,307,000	Swine.	10,925,000
1,224,000	Sheep.	1,322,000
1,583,000	Horses.	1,567,000
69,000	Mules.	68,000

1915

1915	1916	CROPS.
15,557,000	10,450,000	Bu. Wheat.
303,000,000	366,825,000	Bu. Corn.
198,000,000	186,850,000	Bu. Oats.
10,943,000	8,702,000	Bu. Barley.
1,110,000	935,000	Bu. Rye.
91,000	150,000	Bu. Buckwheat.
162,000	180,000	Bu. Flaxseed.
15,540,000	4,830,000	Bu. White Potatoes.
285,000	273,000	Bu. Sweet Potatoes.
5,576,000	5,796,000	Tons Tame Hay.
1,116,000	845,000	Tons Wild Hay.
3,220,000	1,575,000	Barrels Apples.
112,000	64,000	Bu. Peaches.
106,000	63,000	Bu. Pears.
210,800	162,155	Bu. Onions.
28,100	10,800	Tons Cabbage.
5,325,000	4,875,000	Lbs. Wool.

1917

1917	1918	CROPS.
8,250,000	19,659,000	Bu. Wheat.
410,700,000	375,624,000	Bu. Corn.
246,750,000	229,572,000	Bu. Oats.
10,500,000	11,340,000	Bu. Barley.
900,000	1,026,000	Bu. Rye.
132,000	240,000	Bu. Buckwheat.
132,000	143,000	Bu. Flaxseed.
000	000	Bu. Rice.
13,100,000	9,648,000	Bu. White Potatoes.
270,000	279,000	Bu. Sweet Potatoes.
3,887,000	4,286,000	Tons Tame Hay.
738,000	738,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
42,000	000	Bu. Beans.
7,200	14,760	Tons Cabbage.
30,000	22,000	Bu. Clover Seed.

5,775,000	1,620,000	Bu. Apples.
30,000	000	Bu. Peaches.
82,000	32,000	Bu. Pears.
4,500,000	4,815,000	Lbs. Wool.

KANSAS

Has 177,841 Farms.
Average 244.0 Acres.

1,107,159 Farm Population.

1916.	LIVE STOCK.	1917.
762,000	Dairy Cows.	900,000
1,945,000	Other Cattle.	2,115,000
3,815,000	Swine.	2,535,000
341,000	Sheep.	348,000
8,800	Goats.	9,000
1,109,000	Horses.	1,120,000
245,000	Mules.	265,000
5,400	Mules.	5,500
1918.	LIVE STOCK.	1919.
945,000	Dairy Cows.	964,000
2,354,000	Other Cattle.	2,401,000
2,566,000	Swine.	2,381,000
418,000	Sheep.	460,000
1,142,000	Horses.	1,153,000
230,000	Mules.	260,000

1915	1916	CROPS.
106,538,000	98,022,000	Bu. Wheat.
172,050,000	69,500,000	Bu. Corn.
43,725,000	36,425,000	Bu. Oats.
8,370,000	4,800,000	Bu. Barley.
800,000	667,000	Bu. Rye.
14,000	.....	Bu. Buckwheat.
205,000	174,000	Bu. Flaxseed.
5,893,000	4,970,000	Bu. White Potatoes.
440,000	368,000	Bu. Sweet Potatoes.
4,062,000	2,604,000	Tons Tame Hay.
2,240,000	1,650,000	Tons Wild Hay.
2,125,000	1,040,000	Barrels Apples.
2,516,000	172,000	Bu. Peaches.
133,000	77,000	Bu. Pears.
1,240,000	1,320,000	Lbs. Wool.
1917	1918	CROPS.
45,934,000	102,008,000	Bu. Wheat.
128,184,000	43,523,000	Bu. Corn.
70,804,000	51,238,000	Bu. Oats.
7,500,000	6,640,000	Bu. Barley.
1,140,000	2,431,000	Bu. Rye.
000	000	Bu. Buckwheat.
238,000	205,000	Bu. Flaxseed.
000	000	Bu. Rice.
4,446,000	4,240,000	Bu. White Potatoes.
368,000	320,000	Bu. Sweet Potatoes.
2,217,000	2,617,000	Tons Tame Hay.
1,044,000	843,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
31,890,000	20,107,000	Bu. Kaffirs.
12,000	8,500	Tons Broom Corn.
11,000	8,000	Bu. Clover Seed.
5,176,000	2,139,000	Bu. Apples.
121,000	000	Bu. Peaches.
140,000	38,000	Bu. Pears.
1,450,000	1,624,000	Lbs. Wool.

KENTUCKY

Has 259,185 Farms.
Average 85.6 Acres.

1,734,463 Farm Population.

1916.	LIVE STOCK.	1917.
406,000	Dairy Cows.	418,000
570,000	Other Cattle.	570,000
1,709,000	Swine.	1,589,000
1,555,000	Sheep.	1,155,000
29,000	Goats.	30,000
434,000	Horses.	434,000
229,000	Mules.	224,000
4,600	Jack Stock.	4,700
1918.	LIVE STOCK.	1919.
135,000	Dairy Cows.	444,000
581,000	Other Cattle.	599,000
1,716,000	Swine.	1,748,000
1,270,000	Sheep.	1,274,000
443,000	Horses.	430,000
224,000	Mules.	231,000
1915	1916	CROPS.
9,900,000	8,010,000	Bu. Wheat.
114,000,000	95,200,000	Bu. Corn.
5,460,000	6,300,000	Bu. Oats.
180,000	156,000	Bu. Barley.
288,000	246,000	Bu. Rye.
6,426,000	4,116,000	Bu. White Potatoes.
1,050,000	900,000	Bu. Sweet Potatoes.
1,225,000	1,415,000	Tons Tame Hay.

4,170,000	6,000	Tons Wild Hay.
1,320,000	2,147,000	Barrels Apples.
264,000	880,000	Bu. Peaches.
356,400,000	160,000	Bu. Pears.
3,125,000	435,600,000	Lbs. Tobacco.
1917	3,185,000	Lbs. Wool.
1918	1918	CROPS.
9,000,000	12,120,000	Bu. Wheat.
122,850,000	93,600,000	Bu. Corn.
8,060,000	9,600,000	Bu. Oats.
110,000	196,000	Bu. Barley.
375,000	884,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
6,720,000	5,625,000	Bu. White Potatoes.
1,140,000	1,235,000	Bu. Sweet Potatoes.
1,268,000	1,391,000	Tons Tame Hay.
8,000	5,000	Tons Wild Hay.
426,600,000	427,500,000	Lbs. Tobacco.
000	000	Bales Cotton.
16,000	34,000	Bu. Clover Seed.
7,140,000	3,780,000	Bu. Apples.
1,034,000	110,000	Bu. Peaches.
204,000	140,000	Bu. Pears.
2,969,000	3,058,000	Lbs. Wool.

LOUISIANA

Has 120,546 Farms.
Average 86.6 Acres.

1,159,872 Farm Population.

1916.	LIVE STOCK.	1917.
271,000	Dairy Cows.	274,000
475,000	Other Cattle.	475,000
1,553,000	Swine.	1,584,000
185,000	Sheep.	240,000
57,000	Goats.	58,000
193,000	Horses.	195,000
132,000	Mules.	139,000
1918.	LIVE STOCK.	1919.
324,000	Dairy Cows.	363,000
578,000	Other Cattle.	690,000
1,568,000	Swine.	1,599,000
209,000	Sheep.	230,000
207,000	Horses.	213,000
156,000	Mules.	164,000
1915	1916	CROPS.
45,100,000	44,814,000	Bu. Corn.
3,000,000	2,090,000	Bu. Oats.
13,714,000	20,392,000	Bu. Rice.
1,428,000	1,625,000	Bu. White Potatoes.
5,930,000	5,760,000	Bu. Sweet Potatoes.
438,000	429,000	Tons Tame Hay.
35,000	42,000	Tons Wild Hay.
341,063	440,000	Bales Cotton.
126,000	90,000	Pounds Tobacco.
456,000	560,000	Bu. Peaches.
55,000	49,000	Bu. Pears.
2,000,000	4,172,000	Tons Sugar Cane.
536,000	590,000	Lbs. Wool.
1917	1918	CROPS.
000	000	Bu. Wheat.
42,246,000	29,600,000	Bu. Corn.
1,873,000	2,000,000	Bu. Oats.
000	000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
18,250,000	17,980,000	Bu. Rice.
1,600,000	4,345,000	Bu. White Potatoes.
4,898,000	4,875,000	Bu. Sweet Potatoes.
416,000	260,000	Tons Tame Hay.
39,000	30,000	Tons Wild Hay.
210,000	126,000	Lbs. Tobacco.
615,000	525,000	Bales Cotton.
120,000	108,000	Bu. Peanuts.
000	000	Bu. Apples.
478,000	615,000	Bu. Peaches.
52,000	52,000	Bu. Pears.
560,000	594,000	Lbs. Wool.

MAINE

Has 60,016 Farms.
Average 104.9 Acres.

360,928 Farm Population.

1916.	LIVE STOCK.	1917.
159,000	Dairy Cows.	162,000
104,000	Other Cattle.	110,000
102,000	Swine.	100,000
162,000	Sheep.	157,000
112,000	Horses.	109,000
1918.	LIVE STOCK.	1919.
170,000	Dairy Cows.	175,000

127,000	Other Cattle.	142,000
100,000	Swine.	110,000
163,000	Sheep.	173,000
109,000	Horses.	107,000
1915	1916	CROPS.
112,000	135,000	Bu. Wheat.
656,000	645,000	Bu. Corn.
6,080,000	6,120,000	Bu. Oats.
132,000	156,000	Bu. Barley.
338,000	336,000	Bu. Buckwheat.
22,010,000	25,500,000	Bu. White Potatoes.
1,397,000	1,740,000	Tons Tame Hay.
23,000	27,000	Tons Wild Hay.
720,000	1,680,000	Barrels Apples.
30,000	38,000	Bu. Pears.
850,000	850,000	Lbs. Wool.
1917	1918	CROPS.
154,000	506,000	Bu. Wheat.
780,000	1,125,000	Bu. Corn.
4,930,000	6,760,000	Bu. Oats.
117,000	300,000	Bu. Barley.
000	000	Bu. Rye.
322,000	420,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
20,250,000	22,400,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,566,000	1,375,000	Tons Tame Hay.
21,000	21,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
330,000	000	Bu. Beans.
4,617,000	2,287,000	Bu. Apples.
000	000	Bu. Peaches.
24,000	20,000	Bu. Pears.
833,000	883,000	Lbs. Wool.

MARYLAND

Has 48,923 Farms.
Average 103.4 Acres.

637,154 Farm Population.

1916.	LIVE STOCK.	1917.
181,000	Dairy Cows.	183,000
125,000	Other Cattle.	125,000
359,000	Swine.	359,000
223,000	Sheep.	223,000
2,000	Goats.	2,000
169,000	Horses.	169,000
25,000	Mules.	25,000
1918.	LIVE STOCK.	1919.
181,000	Dairy Cows.	177,000
134,000	Other Cattle.	135,000
388,000	Swine.	434,000
234,000	Sheep.	246,000
171,000	Horses.	171,000
25,000	Mules.	25,000
1915	1916	CROPS.
10,272,000	10,240,000	Bu. Wheat.
21,850,000	27,300,000	Bu. Corn.
1,530,000	1,357,000	Bu. Oats.
170,000	192,000	Bu. Barley.
396,000	356,000	Bu. Rye.
220,000	189,000	Bu. Buckwheat.
4,268,000	4,085,000	Bu. White Potatoes.
1,040,000	1,134,000	Bu. Sweet Potatoes.
468,000	688,000	Tons Tame Hay.
4,000	6,000	Tons Wild Hay.
16,230,000	19,635,000	Pounds Tobacco.
800,000	843,000	Barrels Apples.
1,243,000	610,000	Bu. Peaches.
483,000	378,000	Bu. Pears.
750,000	750,000	Lbs. Wool.
1917	1918	CROPS.
11,475,000	11,346,000	Bu. Wheat.
23,030,000	24,010,000	Bu. Corn.
1,457,000	1,980,000	Bu. Oats.
156,000	186,000	Bu. Barley.
384,000	450,000	Bu. Rye.
220,000	280,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
6,000,000	4,000,000	Bu. White Potatoes.
1,180,000	1,420,000	Bu. Sweet Potatoes.
552,000	639,000	Tons Tame Hay.
6,000	6,000	Tons Wild Hay.
22,594,000	23,738,000	Lbs. Tobacco.
000	000	Bales Cotton.
2,525,000	2,365,000	Bu. Apples.
975,000	600,000	Bu. Peaches.
525,000	465,000	Bu. Pears.
758,000	773,000	Lbs. Wool.

MASSACHUSETTS

Has 36,917 Farms.
Average 79.9 Acres.

241,049 Farm Population.

1916.	LIVE STOCK.	1917.
155,000	Dairy Cows.	160,000
35,000	Other Cattle.	38,000
112,000	Swine.	112,000
28,000	Sheep.	25,000
1,200	Goats.	1,200
63,000	Horses.	59,000
1918.	LIVE STOCK.	1919.
154,000	Dairy Cows.	165,000
97,000	Other Cattle.	100,000
113,000	Swine.	147,000
28,000	Sheep.	28,000
57,000	Horses.	54,000
1915	1916	CROPS.
2,304,000	1,764,000	Bu. Corn.
324,000	480,000	Bu. Oats.
60,000	56,000	Bu. Rye.
32,000	32,000	Bu. Buckwheat.
3,120,000	2,275,000	Bu. White Potatoes.
1,357,358	1,292,000	Bu. Onions.
705,000	749,000	Tons Tame Hay.
25,000	24,000	Tons Wild Hay.
9,680,000	12,118,000	Pounds Tobacco.
885,000	221,000	Barrels Cranberries.
152,000	1,150,000	Barrels Apples.
75,000	66,000	Bu. Peaches.
115,000	114,000	Bu. Pears.
1917	1918	CROPS.
000	000	Bu. Wheat.
2,806,000	2,080,000	Bu. Corn.
444,000	480,000	Bu. Oats.
000	000	Bu. Barley.
57,000	80,000	Bu. Rye.
30,000	32,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
4,370,000	4,788,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
690,000	563,000	Tons Tame Hay.
24,000	21,000	Tons Wild Hay.
11,833,000	15,000,000	Lbs. Tobacco.
000	000	Bales Cotton.
10,000	000	Bu. Beans.
2,186,000	2,446,000	Bu. Apples.
145,000	9,000	Bu. Peaches.
71,000	77,000	Bu. Pears.
90,000	200,000	Bbls. Cranberries.
119,000	119,000	Lbs. Wool.

MICHIGAN

Has 206,960 Farms.
Average 91.5 Acres.

1,483,129 Farm Population.

1916.	LIVE STOCK.	1917.
847,000	Dairy Cows.	856,000
735,000	Other Cattle.	720,000
1,462,000	Swine.	1,345,000
1,931,000	Sheep.	1,834,000
5,800	Goats.	6,000
680,000	Horses.	680,000
4,000	Mules.	4,000
1918.	LIVE STOCK.	1919.
874,000	Dairy Cows.	848,000
752,000	Other Cattle.	729,000
1,372,000	Swine.	1,355,000
1,926,000	Sheep.	2,119,000
680,000	Horses.	666,000
4,000	Mules.	4,000
1915	1916	CROPS.
20,448,000	13,600,000	Bu. Wheat.
56,000,000	45,375,000	Bu. Corn.
64,260,000	42,600,000	Bu. Oats.
2,508,000	2,450,000	Bu. Barley.
6,045,000	4,618,000	Bu. Rye.
870,000	825,000	Bu. Buckwheat.
20,945,000	15,360,000	Bu. White Potatoes.
41,400	17,400	Tons Cabbage.
223,920	204,820	Bu. Onions.
3,458,000	4,372,000	Tons Tame Hay.
39,000	51,000	Tons Wild Hay.
1,071,000	604,000	Tons Sugar Beets.
4,250,000	3,102,000	Bu. Beans.
3,150,000	4,160,000	Barrels Apples.
2,360,000	2,010,000	Bu. Peaches.
550,000	836,000	Bu. Pears.
3,118	3,134	Acres Celery.
8,075,000	8,275,000	Lbs. Wool.
1917	1918	CROPS.
15,210,000	10,716,000	Bu. Wheat.

37,625,000	48,300,000	Bu. Corn.
56,575,000	66,320,000	Bu. Oats.
3,445,000	8,332,000	Bu. Barley.
8,115,000	6,752,000	Bu. Rye.
675,000	785,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
35,910,000	28,560,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
3,837,000	2,676,000	Tons Tame Hay.
45,000	40,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
596,000	873,000	Tons Sugar Beets.
3,515,000	4,887,000	Bu. Beans.
53,500	38,130	Tons Cabbage.
176,000	121,000	Bu. Clover Seed.
5,160,000	10,966,000	Bu. Apples.
744,000	243,000	Bu. Peaches.
1,080,000	704,000	Bu. Pears.
8,192,000	8,765,000	Lbs. Wool.

MINNESOTA

Has 156,137 Farms.
Average 177.3 Acres.

1,225,414 Farm Population.

1916.	LIVE STOCK.	1917.
1,210,000	Dairy Cows.	1,302,000
1,232,000	Other Cattle.	1,340,000
1,716,000	Swine.	1,733,000
536,000	Sheep.	541,000
4,000	Goats.	4,000
872,000	Horses.	900,000
6,000	Mules.	6,000
1918.	LIVE STOCK.	1919.
1,328,000	Dairy Cattle.	1,368,000
1,540,000	Other Cattle.	1,632,000
2,241,000	Swine.	2,784,000
568,000	Sheep.	642,000
214,000	Horses.	950,000
6,000	Mules.	6,000

1915	1916	CROPS.
73,420,000	27,555,000	Bu. Wheat.
62,100,000	84,420,000	Bu. Corn.
134,375,000	88,112,000	Bu. Oats.
41,170,000	26,125,000	Bu. Barley.
5,850,000	5,025,000	Bu. Rye.
122,000	150,000	Bu. Buckwheat.
3,150,000	2,338,000	Bu. Flaxseed.
30,210,000	16,800,000	Bu. White Potatoes.
21,000	9,700	Tons Cabbage.
385,125	211,768	Bu. Onions.
3,209,000	3,496,000	Tons Tame Hay.
2,565,000	2,888,000	Tons Wild Hay.
412,000	432,000	Barrels Apples.
2,660,000	2,695,000	Lbs. Wool.
1917	1918	CROPS.
57,965,000	70,710,000	Bu. Wheat.
90,000,000	110,000,000	Bu. Corn.
120,250,000	134,562,000	Bu. Oats.
37,800,000	43,400,000	Bu. Barley.
7,585,000	8,700,000	Bu. Rye.
154,000	255,000	Bu. Buckwheat.
1,980,000	3,120,000	Bu. Flaxseed.
000	000	Bu. Rice.
33,000,000	32,760,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
2,868,000	2,590,000	Tons Tame Hay.
2,356,000	2,054,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
23,240	17,100	Tons Cabbage.
55,000	18,000	Bu. Clover Seed.
1,445,000	792,000	Bu. Apples.
000	000	Bu. Peaches.
000	000	Bu. Pears.
2,964,000	3,112,000	Lbs. Wool.

MISSISSIPPI

Has 274,382 Farms.
Average 67.6 Acres.

1,589,803 Farm Population.

1916.	LIVE STOCK.	1917.
447,000	Dairy Cows.	450,000
535,000	Other Cattle.	535,000
1,617,000	Swine.	1,698,000
208,000	Sheep.	193,000
48,000	Goats.	50,000
243,000	Horses.	243,000
292,000	Mules.	292,000
1,800	Jack Stock.	1,900
1918.	LIVE STOCK.	1919.
508,000	Dairy Cows.	549,000
444,000	Other Cattle.	708,000
1,902,000	Swine.	2,282,000

174,000	Sheep.	183,000
253,000	Horses.	256,000
307,000	Mules.	316,000
1915	1916	CROPS.
100,000	90,000	Bu. Wheat.
69,350,000	47,600,000	Bu. Corn.
5,375,000	5,760,000	Bu. Oats.
15,000	53,000	Bu. Rice.
1,170,000	780,000	Bu. White Potatoes.
8,250,000	6,314,000	Bu. Sweet Potatoes.
350,000	371,000	Tons Tame Hay.
50,000	52,000	Tons Wild Hay.
954,000	800,000	Bales Cotton.
141,000	116,000	Barrels Apples.
1,540,000	1,000,000	Bu. Peaches.
160,000	90,000	Bu. Pears.
520,000	540,000	Lbs. Wool.
1917	1918	CROPS.
210,000	495,000	Bu. Wheat.
81,050,000	66,300,000	Bu. Corn.
5,700,000	5,600,000	Bu. Oats.
000	000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
63,000	69,000	Bu. Rice.
1,092,000	1,600,000	Bu. White Potatoes.
5,525,000	8,455,000	Bu. Sweet Potatoes.
371,000	416,000	Tons Tame Hay.
49,000	38,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
895,000	1,210,000	Bales Cotton.
136,000	158,000	Bu. Peanuts.
315,000	488,000	Bu. Apples.
375,000	1,386,000	Bu. Peaches.
30,000	136,000	Bu. Pears.
491,619	619,000	Lbs. Wool.

MISSOURI

Has 277,244 Farms.
Average 124.8 Acres.

1,894,518 Farm Population.

1916.	LIVE STOCK.	1917.
837,000	Dairy Cows.	845,000
1,555,000	Other Cattle.	1,600,000
4,505,000	Swine.	4,280,000
1,416,000	Sheep.	1,370,000
74,000	Goats.	75,000
1,084,000	Horses.	1,040,000
329,000	Mules.	350,000
12,800	Jack Stock.	14,000
1918.	LIVE STOCK.	1919.
910,000	Dairy Cows.	919,000
1,782,000	Other Cattle.	1,782,000
4,708,000	Swine.	4,943,000
1,466,000	Sheep.	1,589,000
1,040,000	Horses.	1,040,000
367,000	Mules.	374,000
1915	1916	CROPS.
54,108,000	16,575,000	Bu. Wheat.
209,450,000	132,112,000	Bu. Corn.
31,850,000	32,250,000	Bu. Oats.
125,000	100,000	Bu. Barley.
333,000	231,000	Bu. Rye.
45,000	56,000	Bu. Buckwheat.
48,000	35,000	Bu. Flaxseed.
10,000	10,000	Bu. Rice.
8,820,000	5,460,000	Bu. White Potatoes.
700,000	490,000	Bu. Sweet Potatoes.
4,636,000	4,355,000	Tons Tame Hay.
150,000	154,000	Tons Wild Hay.
47,999	62,000	Bales Cotton.
3,150,000	3,040,000	Pounds Tobacco.
6,287,000	2,700,000	Barrels Apples.
3,300,000	1,080,000	Bu. Peaches.
204,000	164,000	Bu. Pears.
4,890,000	4,625,000	Lbs. Wool.
1917	1918	CROPS.
27,540,000	53,154,000	Bu. Wheat.
252,000,000	133,860,000	Bu. Corn.
59,200,000	41,196,000	Bu. Oats.
150,000	259,000	Bu. Barley.
441,000	476,000	Bu. Rye.
90,000	91,000	Bu. Buckwheat.
51,000	48,000	Bu. Flaxseed.
18,000	25,000	Bu. Rice.
9,488,000	6,954,000	Bu. White Potatoes.
896,000	728,000	Bu. Sweet Potatoes.
3,657,000	2,590,000	Tons Tame Hay.
139,000	102,000	Tons Wild Hay.
2,820,000	2,970,000	Lbs. Tobacco.
51,000	70,000	Bales Cotton.
92,000	000	Bu. Beans.
18,000	16,000	Bu. Peanuts.
85,000	38,000	Bu. Clover Seed.
7,818,000	4,245,000	Bu. Apples.

800,000	000 Bu. Peaches.
265,000	112,000 Bu. Pears.
4,810,000	5,532,000 Lbs. Wool.

MONTANA

Has 26,214 Farms.
Average 516.7 Acres.

242,633 Farm Population.

1916.	LIVE STOCK.	1917.
129,000	Dairy Cows.	148,000
894,000	Other Cattle.	983,000
298,000	Swine.	269,000
3,911,000	Sheep.	3,744,000
4,500	Goats.	5,000
430,000	Horses.	452,000
4,000	Mules.	4,000

1918.	LIVE STOCK.	1919.
179,000	Dairy Cows.	197,000
980,000	Other Cattle.	1,020,000
215,000	Swine.	200,000
3,045,000	Sheep.	2,984,000
506,000	Horses.	557,000
5,000	Mules.	5,000

1915	1916	CROPS.
33,285,000	28,655,000	Bu. Wheat.
1,960,000	1,850,000	Bu. Corn.
31,200,000	25,080,000	Bu. Oats.
2,720,000	2,660,000	Bu. Barley.
225,000	205,000	Bu. Rye.
1,890,000	3,088,000	Bu. Flaxseed.
6,045,000	4,875,000	Bu. White Potatoes.
1,550,000	1,402,000	Tons Tame Hay.
704,064	581,000	Tons Wild Hay.
347,000	256,000	Barrels Apples.
12,000	6,000	Bu. Pears.
26,950,000	24,570,000	Wool.

1917	1918	CROPS.
17,963,000	25,434,000	Bu. Wheat.
1,012,000	2,100,000	Bu. Corn.
13,600,000	20,400,000	Bu. Oats.
1,350,000	1,914,000	Bu. Barley.
114,000	240,000	Bu. Rye.
000	000	Bu. Buckwheat.
1,266,000	2,844,000	Bu. Flaxseed.
000	000	Bu. Rice.
5,415,000	7,020,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,063,000	1,227,000	Tons Tame Hay.
402,000	362,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
911,000	790,000	Bu. Apples.
000	000	Bu. Peaches.
11,000	6,000	Bu. Pears.
23,342,000	23,342,000	Lbs. Wool.

NEBRASKA

Has 129,678 Farms.
Average 297.8 Acres.

881,362 Farm Population.

1916.	LIVE STOCK.	1917.
650,000	Dairy Cows.	676,000
2,237,000	Other Cattle.	2,249,000
4,266,000	Swine.	4,309,000
374,000	Sheep.	581,000
3,000	Goats.	3,500
1,028,000	Horses.	1,018,000
98,000	Mules.	112,000
2,100	Jack Stock.	2,200

1918.	LIVE STOCK.	1919.
703,000	Dairy Cows.	662,000
2,802,000	Other Cattle.	2,940,000
4,200,000	Swine.	4,250,000
408,000	Sheep.	367,000
1,049,000	Horses.	1,040,000
118,000	Mules.	100,000

1915	1916	CROPS.
72,154,000	68,550,000	Bu. Wheat.
213,000,000	192,400,000	Bu. Corn.
70,400,000	79,875,000	Bu. Oats.
3,255,000	3,080,000	Bu. Barley.
3,500,000	3,072,000	Bu. Rye.
20,000	17,000	Bu. Buckwheat.
77,000	32,000	Bu. Flaxseed.
11,550,000	7,665,000	Bu. White Potatoes.
4,290,000	4,070,000	Tons Tame Hay.
3,480,000	3,130,000	Tons Wild Hay.
1,267,000	567,000	Barrels Apples.
120,000	29,000	Bu. Peaches.
18,000	10,000	Bu. Pears.
1,665,000	1,830,000	Lbs. Wool.

1917	1918	CROPS.
13,764,000	43,141,000	Bu. Wheat.
249,480,000	123,056,000	Bu. Corn.
115,444,000	56,188,000	Bu. Oats.
5,644,000	5,650,000	Bu. Barley.
3,354,000	5,005,000	Bu. Rye.
32,000	28,000	Bu. Buckwheat.
28,000	38,000	Bu. Flaxseed.
000	000	Bu. Rice.
12,495,000	10,406,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
2,544,000	2,381,000	Tons Tame Hay.
2,611,000	2,363,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
5,000	6,000	Bu. Clover Seed.
618,000	459,000	Bu. Apples.
000	000	Bu. Peaches.
14,000	6,000	Bu. Pears.
1,600,000	1,696,000	Lbs. Wool.

NEVADA

Has 2,689 Farms.
Average 1,009.6 Acres.

68,508 Farm Population.

1916.	LIVE STOCK.	1917.
25,000	Dairy Cows.	26,000
472,000	Other Cattle.	470,000
40,000	Swine.	37,000
1,332,000	Sheep.	1,455,000
4,800	Goats.	5,000
77,000	Horses.	73,000
3,000	Mules.	3,000

1918.	LIVE STOCK.	1919.
28,000	Dairy Cows.	20,000
517,000	Other Cattle.	533,000
37,000	Swine.	40,000
1,630,000	Sheep.	1,520,000
75,000	Horses.	75,000
3,000	Mules.	3,000

1915	1916	CROPS.
1,660,000	1,592,000	Bu. Wheat.
35,000	34,000	Bu. Corn.
585,000	602,000	Bu. Oats.
576,000	492,000	Bu. Barley.
2,236,000	2,660,000	Bu. White Potatoes.
675,000	540,000	Tons Tame Hay.
225,000	171,000	Tons Wild Hay.
40,000	16,000	Barrels Apples.
7,000	1,000	Bu. Peaches.
4,000	2,000	Bu. Pears.
9,500,000	10,900,000	Lbs. Wool.

1917	1918	CROPS.
1,140,000	1,070,000	Bu. Wheat.
60,000	64,000	Bu. Corn.
560,000	532,000	Bu. Oats.
420,000	408,000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
3,105,000	1,539,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
679,000	575,000	Tons Tame Hay.
270,000	101,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
192,000	175,000	Bu. Apples.
6,000	15,000	Bu. Peaches.
6,000	6,000	Pears.
9,000,000	10,000,000	Lbs. Wool.

NEW HAMPSHIRE

Has 27,053 Farms.
Average 120.1 Acres.

175,473 Farm Population.

1916.	LIVE STOCK.	1917.
97,000	Dairy Cows.	97,000
65,000	Other Cattle.	63,000
55,000	Swine.	53,000
37,000	Sheep.	35,000
47,000	Horses.	44,000

1918.	LIVE STOCK.	1919.
102,000	Dairy Cows.	107,000
71,000	Other Cattle.	74,000
56,000	Swine.	66,000
37,000	Sheep.	39,000
45,300	Horses.	42,000

1915	1916	CROPS.
990,000	874,000	Bu. Corn.
456,000	444,000	Bu. Oats.
30,000	28,000	Bu. Barley.
30,000	20,000	Bu. Buckwheat.

1,520,000	1,800,000	Bu. White Potatoes.
504,000	767,000	Tons Tame Hay.
17,000	23,000	Tons Wild Hay.
140,000	165,000	Pounds Tobacco.
353,000	532,000	Barrels Apples.
58,000	24,000	Bu. Peaches.
18,000	25,000	Bu. Pears.
185,000	185,000	Lbs. Wool.
1917	1918	CROPS.
000	000	Bu. Wheat.
1,092,000	1,260,000	Bu. Corn.
532,000	912,000	Bu. Oats.
31,000	32,000	Bu. Barley.
000	000	Bu. Rye.
38,000	34,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
2,247,000	2,940,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
630,000	543,000	Tons Tame Hay.
21,000	21,000	Tons Wild Hay.
167,000	000	Lbs. Tobacco.
000	000	Bales Cotton.
100,000	000	Bu. Beans.
1,035,000	1,944,000	Bu. Apples.
47,000	000	Bu. Peaches.
19,000	15,000	Bu. Pears.
183,000	192,000	Lbs. Wool.

NEW JERSEY

Has 33,487 Farms.
Average 76.9 Acres.

629,957 Farm Population.

1916.	LIVE STOCK.	1917.
152,000	Dairy Cows.	155,000
73,000	Other Cattle.	74,000
161,000	Swine.	163,000
29,000	Sheep.	29,000
92,000	Horses.	92,000
4,000	Mules.	4,000
1918.	LIVE STOCK.	1919.
152,000	Dairy Cows.	150,000
74,000	Other Cattle.	74,000
174,000	Swine.	209,000
26,000	Sheep.	29,000
90,000	Horses.	89,000
4,000	Mules.	4,000

1915 1916 CROPS.

1,560,000	1,800,000	Bu. Wheat.
10,830,000	10,800,000	Bu. Corn.
2,275,000	2,070,000	Bu. Oats.
1,420,000	1,330,000	Bu. Rye.
210,000	285,000	Bu. Buckwheat.
12,090,000	10,370,000	Bu. White Potatoes.
3,565,000	2,300,000	Bu. Sweet Potatoes.
523,000	555,000	Tons Tame Hay.
34,000	45,000	Tons Wild Hay.
184,000	163,000	Barrels Cranberries.
777,000	750,000	Barrels Apples.
1,275,000	662,000	Bu. Peaches.
596,000	687,000	Bu. Pears.
95,000	80,000	Lbs. Wool.
1917	1918	CROPS.
1,691,000	1,700,000	Bu. Wheat.
12,771,000	11,439,000	Bu. Corn.
2,482,000	3,400,000	Bu. Oats.
000	000	Bu. Barley.
1,276,000	1,350,000	Bu. Rye.
288,000	396,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
11,172,000	8,464,000	Bu. White Potatoes.
2,880,000	2,875,000	Bu. Sweet Potatoes.
508,000	490,000	Tons Tame Hay.
44,000	39,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
80,000	000	Bu. Beans.
2,041,000	2,464,000	Bu. Apples.
871,000	792,000	Bu. Peaches.
590,000	650,000	Bu. Pears.
129,000	114,000	Bbls. Cranberries.
80,000	88,000	Lbs. Wool.

NEW MEXICO

Has 35,676 Farms.
Average 315.9 Acres.

280,730 Farm Population.

1916.	LIVE STOCK.	1917.
76,000	Dairy Cows.	85,000
1,090,000	Other Cattle.	1,145,000
91,000	Swine.	101,000
3,440,000	Sheep.	3,300,000
412,000	Goats.	420,000

234,000	Horses.	250,000
17,000	Mules.	19,000
11,800	Jack Stock.	12,000
1918.	LIVE STOCK.	1919.
88,000	Dairy Cows.	84,000
1,179,000	Other Cattle.	1,325,000
86,000	Swine.	93,000
3,135,000	Sheep.	3,135,000
272,000	Horses.	261,000
19,000	Mules.	20,000

1915	1916	CROPS.
2,156,000	2,104,000	Bu. Wheat.
2,730,000	2,625,000	Bu. Corn.
2,160,000	1,856,000	Bu. Oats.
264,000	308,000	Bu. Barley.
800,000	816,000	Bu. White Potatoes.
442,000	370,000	Tons Tame Hay.
25,000	13,000	Tons Wild Hay.
368,000	425,000	Bu. Beans.
273,000	119,000	Barrels Apples.
154,000	40,000	Bu. Peaches.
64,000	36,000	Bu. Pears.
18,620,000	18,240,000	Lbs. Wool.

1917	1918	CROPS.
2,582,000	3,334,000	Bu. Wheat.
3,400,000	4,250,000	Bu. Corn.
1,350,000	1,260,000	Bu. Oats.
364,000	392,000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
1,276,000	1,000,000	Bu. White Potatoes.
236,000	250,000	Bu. Sweet Potatoes.
384,000	361,000	Tons Tame Hay.
28,000	20,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
958,000	596,000	Bu. Beans.
3,510,000	3,582,000	Bu. Kadr.
657,000	683,000	Bu. Apples.
60,000	83,000	Bu. Peaches.
46,000	56,000	Bu. Pears.
18,422,000	17,132,000	Lbs. Wool.

NEW YORK

Has 215,597 Farms.
Average 102.2 Acres.

1,928,120 Farm Population.

1916.	LIVE STOCK.	1917.
1,539,000	Dairy Cows.	1,539,000
939,000	Other Cattle.	939,000
799,000	Swine.	759,000
849,000	Sheep.	840,000
3,400	Goats.	4,000
609,000	Horses.	609,000
4,000	Mules.	4,000
1918.	LIVE STOCK.	1919.
1,524,000	Dairy Cows.	1,478,000
1,005,000	Other Cattle.	911,000
842,000	Swine.	814,000
840,000	Sheep.	840,000
597,000	Horses.	578,000

1915	1916	CROPS.
9,750,000	9,030,000	Bu. Wheat.
24,200,000	16,200,000	Bu. Corn.
54,270,000	31,356,000	Bu. Oats.
2,720,000	1,887,000	Bu. Barley.
2,805,000	2,713,000	Bu. Rye.
5,320,000	3,480,000	Bu. Buckwheat.
22,010,000	22,400,000	Bu. White Potatoes.
5,900	4,404	Acres Celery.
3,603,137	1,292,265	Tons Cabbage.
5,850,000	7,290,000	Bu. Onions.
55,000	7,290,000	Tons Tame Hay.
5,280,000	104,000	Tons Wild Hay.
1,250,000	4,551,000	Pounds Tobacco.
8,528,000	720,000	Bu. Beans.
2,106,000	12,600,000	Barrels Apples.
1,375,000	1,215,000	Bu. Peaches.
3,180,000	1,675,000	Bu. Pears.
	3,550,000	Lbs. Wool.

1917	1918	CROPS.
8,385,000	7,840,000	Bu. Wheat.
26,010,000	29,520,000	Bu. Corn.
44,625,000	51,660,000	Bu. Oats.
3,080,000	3,938,000	Bu. Barley.
2,565,000	1,848,000	Bu. Rye.
5,940,000	4,725,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
38,000,000	31,960,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
6,110,000	5,375,000	Tons Tame Hay.
58,000	69,000	Tons Wild Hay.

3,125,000	3,750,000	Lbs. Tobacco.
000	000	Bales Cotton.
1,575,000	1,660,000	Bu. Beans.
349,680	274,350	Tons Cabbage.
2,880,000	1,254,000	Lbs. Hops.
12,000	000	Bu. Clover Seed.
14,059,000	37,253,000	Bu. Apples.
2,244,000	1,167,000	Bu. Peaches.
1,708,000	1,352,000	Bu. Pears.
12,000	14,000	Bu. Clover Seed.
3,514,000	3,830,000	Lbs. Wool.

NORTH CAROLINA

Has 253,725 Farms.
Average 88.4 Acres.

1,887,813 Farm Population.

1916.	LIVE STOCK.	1917.
321,000	Dairy Cows.	315,000
387,000	Other Cattle.	364,000
1,601,000	Swine.	1,550,000
170,000	Sheep.	140,000
35,000	Goats.	36,000
182,000	Horses.	195,000
196,000	Mules.	200,000
1,000	Jack Stock.	1,100
1918.	LIVE STOCK.	1919.
309,000	Dairy Cows.	315,000
375,000	Other Cattle.	379,000
1,464,000	Swine.	1,546,000
187,000	Sheep.	138,000
187,000	Horses.	181,000
207,000	Mules.	208,000
1915	1916	CROPS.
10,355,000	9,975,000	Bu. Wheat.
64,050,000	53,650,000	Bu. Corn.
8,050,000	6,562,000	Bu. Oats.
575,000	534,000	Bu. Rye.
175,000	175,000	Bu. Buckwheat.
4,000	4,000	Bu. Rice.
3,150,000	3,230,000	Bu. White Potatoes.
8,925,000	9,309,000	Bu. Sweet Potatoes.
648,000	507,000	Tons Tame Hay.
60,000	44,000	Tons Wild Hay.
708,000	646,000	Bales Cotton.
108,400,000	176,000,000	Pounds Tobacco.
1,972,000	2,358,000	Barrels Apples.
1,955,000	897,000	Bu. Peaches.
150,000	75,000	Bu. Pears.
545,000	570,000	Lbs. Wool.
1917	1918	CROPS.
9,765,000	7,105,000	Bu. Wheat.
60,000,000	64,365,000	Bu. Corn.
5,780,000	6,500,000	Bu. Oats.
000	000	Bu. Barley.
520,000	480,000	Bu. Rye.
240,000	294,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
5,000	10,000	Bu. Rice.
4,500,000	4,275,000	Bu. White Potatoes.
8,550,000	8,910,000	Bu. Sweet Potatoes.
528,000	681,000	Tons Tame Hay.
10,000	42,000	Tons Wild Hay.
204,750,000	282,000,000	Lbs. Tobacco.
570,000	870,000	Bales Cotton.
7,076,000	7,200,000	Bu. Peanuts.
6,156,000	5,460,000	Bu. Apples.
1,541,000	1,035,000	Bu. Peaches.
150,000	108,000	Bu. Pears.
553,000	570,000	Lbs. Wool.

NORTH DAKOTA

Has 74,360 Farms.
Average 382.3 Acres.

513,820 Farm Population.

1916.	LIVE STOCK.	1917.
373,000	Dairy Cows.	410,000
577,000	Other Cattle.	629,000
706,000	Swine.	650,000
250,000	Sheep.	250,000
1,000	Goats.	1,000
801,000	Horses.	825,000
9,000	Mules.	9,000
1918.	LIVE STOCK.	1919.
434,000	Dairy Cows.	429,000
650,000	Other Cattle.	612,000
507,000	Swine.	456,000
252,000	Sheep.	265,000
842,000	Horses.	850,000
9,000	Mules.	9,000
1915	1916	CROPS.
151,970,000	39,352,000	Bu. Wheat.

9,800,000	13,515,000	Bu. Corn.
98,000,000	53,750,000	Bu. Oats.
44,800,000	26,738,000	Bu. Barley.
2,700,000	4,653,000	Bu. Rye.
6,534,000	8,137,000	Bu. Flaxseed.
7,200,000	6,975,000	Bu. White Potatoes.
660,000	884,000	Tons Tame Hay.
2,500,000	2,670,000	Tons Wild Hay.
1,260,000	1,350,000	Lbs. Wool.

1917	1918	CROPS.
56,000,000	101,010,000	Bu. Wheat.
5,310,000	9,196,000	Bu. Corn.
38,625,000	60,512,000	Bu. Oats.
22,812,000	37,281,000	Bu. Barley.
9,880,000	20,422,000	Bu. Rye.
000	000	Bu. Buckwheat.
3,764,000	000	Bu. Flaxseed.
000	000	Bu. Rice.
3,870,000	8,910,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
484,000	574,000	Tons Tame Hay.
1,417,000	1,904,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
000	000	Bu. Apples.
000	000	Bu. Peaches.
000	000	Bu. Pears.
1,418,000	1,560,000	Lbs. Wool.

OHIO

Has 272,045 Farms.
Average 88.6 Acres.

2,101,978 Farm Population.

1916.	LIVE STOCK.	1917.
922,000	Dairy Cows.	950,000
872,000	Other Cattle.	863,000
3,713,000	Swine.	3,527,000
3,067,000	Sheep.	2,944,000
000	Goats.	6,000
901,300	Horses.	892,000
26,000	Mules.	26,000
1918.	LIVE STOCK.	1919.
940,000	Dairy Cattle.	1,030,000
954,000	Other Cattle.	1,102,000
3,774,000	Swine.	4,266,000
3,091,000	Sheep.	2,980,000
883,000	Horses.	891,000
26,000	Mules.	28,000
1915	1916	CROPS.
40,194,000	20,250,000	Bu. Wheat.
156,040,000	115,762,000	Bu. Corn.
69,003,000	48,076,000	Bu. Oats.
930,000	917,000	Bu. Barley.
1,750,000	1,088,000	Bu. Rye.
414,000	336,000	Bu. Buckwheat.
12,546,000	6,300,000	Bu. White Potatoes.
95,000	99,000	Bu. Sweet Potatoes.
1,058	1,097	Acres Celery.
27,100	11,900	Tons Cabbage.
272,034	1,445,109	Bu. Onions.
4,049,000	4,867,000	Tons Tame Hay.
3,000	3,000	Tons Wild Hay.
84,320,000	95,000,000	Pounds Tobacco.
289,000	183,000	Tons Sugar Beets.
5,984,000	2,867,000	Barrels Apples.
2,399,000	1,305,000	Bu. Peaches.
560,000	376,000	Bu. Pears.
13,600,000	13,650,000	Lbs. Wool.

1917	1918	CROPS.
41,140,000	43,543,000	Bu. Wheat.
150,100,000	135,200,000	Bu. Corn.
78,100,000	79,200,000	Bu. Oats.
1,320,000	3,150,000	Bu. Barley.
1,872,000	1,887,000	Bu. Rye.
464,000	448,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
16,000,000	11,040,000	Bu. White Potatoes.
95,000	96,000	Bu. Sweet Potatoes.
4,154,000	4,095,000	Tons Tame Hay.
3,000	3,000	Tons Wild Hay.
99,072,000	113,288,000	Lbs. Tobacco.
000	000	Bales Cotton.
242,300	328,900	Tons Sugar Beets.
35,000	000	Bu. Beans.
38,610	000	Tons Cabbage.
231,000	139,000	Bu. Clover Seed.
6,336,000	8,316,000	Bu. Apples.
496,000	348,000	Bu. Peaches.
334,000	304,000	Bu. Pears.
12,000,000	12,600,000	Lbs. Wool.

OKLAHOMA

Has 190,192 Farms.
Average 151.7 Acres.

1,337,000 Farm Population.

1916.	LIVE STOCK.	1917.
519,000	Dairy Cows.	535,000
1,186,000	Other Cattle.	1,222,000
1,491,000	Swine.	1,372,000
95,000	Sheep.	104,000
22,000	Goats.	26,000
743,000	Horses.	743,000
232,000	Mules.	276,000
5,900	Jack Stock.	6,000
1918.	LIVE STOCK.	1919.
562,000	Dairy Cows.	561,000
1,104,000	Other Cattle.	1,444,000
1,219,000	Swine.	1,036,000
208,000	Sheep.	125,000
737,000	Horses.	744,000
276,000	Mules.	288,000

1915	1916	CROPS.
36,540,000	29,585,000	Bu. Wheat.
123,900,000	53,325,000	Bu. Corn.
37,800,000	15,970,000	Bu. Oats.
212,000	100,000	Bu. Barley.
81,000	90,000	Bu. Rye.
2,975,000	1,802,000	Bu. White Potatoes.
1,380,000	962,000	Bu. Sweet Potatoes.
1,058,000	825,000	Tons Tame Hay.
791,000	645,000	Tons Wild Hay.
630,000	835,000	Bales Cotton.
780,000	275,000	Bu. Apples.
2,408,000	300,000	Bu. Peaches.
68,000	11,000	Bu. Pears.
490,000	500,000	Lbs. Wool.
1917	1918	CROPS.
36,650,000	32,899,000	Bu. Wheat.
33,150,000	24,375,000	Bu. Corn.
26,450,000	33,120,000	Bu. Oats.
162,000	136,000	Bu. Barley.
90,000	88,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
2,484,000	1,258,000	Bu. White Potatoes.
1,350,000	975,000	Bu. Sweet Potatoes.
920,000	677,000	Tons Tame Hay.
450,000	336,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
890,000	550,000	Bales Cotton.
000	000	Tons Sugar Beets.
000	000	Bu. Beans.
22,400,000	15,260,000	Bu. Kafir.
26,250	16,100	Tons Broom Corn.
544,000	440,000	Bu. Peanuts.
1,300,000	453,000	Bu. Apples.
1,150,000	303,000	Bu. Peaches.
45,000	38,000	Bu. Pears.
450,000	518,000	Lbs. Wool.

OREGON

Has 45,705 Farms.
Average 256.8 Acres.

365,705 Farm Population.

1916.	LIVE STOCK.	1917.
216,000	Dairy Cows.	222,000
553,000	Other Cattle.	577,000
396,000	Swine.	315,000
2,563,000	Sheep.	2,484,000
185,000	Goats.	188,000
295,000	Horses.	286,000
10,000	Mules.	10,000
1918.	LIVE STOCK.	1919.
227,000	Dairy Cows.	222,000
683,000	Other Cattle.	703,000
309,000	Swine.	348,000
2,448,000	Sheep.	2,497,000
309,000	Horses.	303,000
10,000	Mules.	10,000
1915	1916	CROPS.
20,025,000	19,550,000	Bu. Wheat.
1,155,000	1,340,000	Bu. Corn.
16,060,000	17,280,000	Bu. Oats.
4,680,000	5,390,000	Bu. Barley.
414,000	510,000	Bu. Rye.
5,520,000	8,250,000	Bu. White Potatoes.
276,400	368,500	Bu. Onions.
1,870,000	1,955,000	Tons Tame Hay.
268,000	220,000	Tons Wild Hay.
1,043,000	1,285,000	Barrels Apples.
432,000	276,000	Bu. Peaches.
525,000	555,000	Bu. Pears.
14,820,000	13,200,000	Lbs. Wool.

1917	1918	CROPS.
12,811,000	15,228,000	Bu. Wheat.
1,260,000	1,364,000	Bu. Corn.
9,125,000	9,025,000	Bu. Oats.
5,278,000	4,450,000	Bu. Barley.
356,000	492,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
8,100,000	5,500,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,638,000	1,467,000	Tons Tame Hay.
218,000	194,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
5,000,000	3,500,000	Lbs. Hops.
30,000	21,000	Bu. Clover Seed.
3,500,000	3,500,000	Bu. Apples.
250,000	113,000	Bu. Peaches.
600,000	672,000	Bu. Pears.
29,545	26,565	Tons Cabbage.
12,000,000	12,500,000	Lbs. Wool.

PENNSYLVANIA

Has 219,295 Farms.
Average 84.8 Acres.

3,034,441 Farm Population.

1916.	LIVE STOCK.	1917.
971,000	Dairy Cows.	980,000
657,000	Other Cattle.	664,000
1,210,000	Swine.	1,174,000
856,000	Sheep.	835,000
3,800	Goats.	4,000
602,000	Horses.	596,000
47,000	Mules.	48,000
1918.	LIVE STOCK.	1919.
960,000	Dairy Cows.	979,000
717,000	Other Cattle.	731,000
1,291,000	Swine.	1,430,000
913,000	Sheep.	959,000
590,000	Horses.	578,000
48,000	Mules.	48,000
1915	1916	CROPS.
24,605,000	26,125,000	Bu. Wheat.
58,520,520	56,550,000	Bu. Corn.
43,320,000	25,030,000	Bu. Oats.
236,000	300,000	Bu. Barley.
4,932,000	4,420,000	Bu. Rye.
5,754,000	3,780,000	Bu. Buckwheat.
20,160,000	19,040,000	Bu. White Potatoes.
105,000	100,000	Bu. Sweet Potatoes.
2,737	2,553	Acres Celery.
101,000	74,400	Bu. Onions.
4,340,000	5,208,000	Tons Tame Hay.
14,000	23,000	Tons Wild Hay.
42,390,000	49,096,000	Pounds Tobacco.
5,085,000	6,207,000	Barrels Apples.
2,044,000	1,058,000	Bu. Peaches.
494,000	509,000	Bu. Pears.
4,030,000	4,225,000	Lbs. Wool.

1917	1918	CROPS.
24,482,000	24,718,000	Bu. Wheat.
62,212,000	62,400,000	Bu. Corn.
41,125,000	47,190,000	Bu. Oats.
364,000	420,000	Bu. Barley.
4,420,000	4,250,000	Bu. Rye.
6,300,000	5,850,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
29,532,000	24,400,000	Bu. White Potatoes.
110,000	120,000	Bu. Sweet Potatoes.
4,329,000	4,272,000	Tons Tame Hay.
15,000	13,000	Tons Wild Hay.
58,100,000	64,752,000	Lbs. Tobacco.
104,000	000	Bu. Beans.
7,000	000	Bu. Clover Seed.
12,150,000	17,775,000	Bu. Apples.
1,410,000	1,210,000	Bu. Peaches.
448,000	000	Bu. Pears.
10,000	16,000	Bu. Clover Seed.
4,225,000	4,774,000	Lbs. Wool.

RHODE ISLAND

Has 5,292 Farms.
Average 83.8 Acres.

17,956 Farm Population.

1916.	LIVE STOCK.	1917.
22,000	Dairy Cows.	22,000
10,000	Other Cattle.	11,000
15,000	Swine.	14,000
6,000	Sheep.	5,000
9,000	Horses.	8,000

1918.	LIVE STOCK.	1919.
21,000	Dairy Cows.	20,000
12,000	Other Cattle.	13,000
16,000	Swine.	14,000
6,000	Sheep.	7,000
8,000	Horses.	8,000

1915	1916	CROPS.
516,000	341,000	Bu. Corn.
66,000	54,000	Bu. Oats.
550,000	370,000	Bu. White Potatoes.
71,000	81,000	Tons Tame Hay.
1,000	1,000	Tons Wild Hay.
59,000	87,000	Barrels Apples.
29,000	14,000	Bu. Peaches.
10,000	14,000	Bu. Pears.
25,000	25,000	Lbs. Wool.

1917	1918	CROPS.
000	000	Bu. Wheat.
546,000	572,000	Bu. Corn.
62,000	84,000	Bu. Oats.
000	000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
675,000	650,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
90,000	75,000	Tons Tame Hay.
1,000	1,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
198,000	201,000	Bu. Apples.
20,000	000	Bu. Peaches.
7,000	000	Bu. Pears.
24,000	24,000	Lbs. Wool.

SOUTH CAROLINA

Has 176,434 Farms.

Average 76.6 Acres.

1,290,568 Farm Population.

1916.	LIVE STOCK.	1917.
189,000	Dairy Cows.	189,000
215,000	Other Cattle.	215,000
917,000	Swine.	920,000
30,000	Sheep.	30,000
27,000	Goats.	26,000
84,000	Horses.	85,000
171,000	Mules.	174,000

1918.	LIVE STOCK.	1919.
193,000	Dairy Cows.	203,000
232,000	Other Cattle.	241,000
966,000	Swine.	1,056,000
31,000	Sheep.	29,000
85,000	Horses.	82,000
179,000	Mules.	194,000

1915	1916	CROPS.
2,430,000	2,226,000	Bu. Wheat.
35,558,000	32,008,000	Bu. Corn.
9,975,000	9,000,000	Bu. Oats.
30,000	49,000	Bu. Rye.
90,000	49,000	Bu. Rice.
880,000	750,000	Bu. White Potatoes.
6,285,000	5,676,000	Bu. Sweet Potatoes.
236,000	325,000	Tons Tame Hay.
14,000	15,000	Tons Wild Hay.
1,160,000	920,000	Bales Cotton.
37,700,000	20,280,000	Pounds Tobacco.
221,000	196,000	Barrels Apples.
864,000	541,000	Bu. Peaches.
91,000	56,000	Bu. Pears.
100,000	95,000	Lbs. Wool.

1917	1918	CROPS.
1,838,000	2,255,000	Bu. Wheat.
43,947,000	38,250,000	Bu. Corn.
6,000,000	11,000,000	Bu. Oats.
000	000	Bu. Barley.
170,000	202,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
75,000	104,000	Bu. Rice.
1,440,000	2,856,000	Bu. White Potatoes.
7,600,000	7,600,000	Bu. Sweet Potatoes.
280,000	286,000	Tons Tame Hay.
10,000	10,000	Tons Wild Hay.
51,120,000	62,208,000	Lbs. Tobacco.
1,253,000	1,500,000	Bales Cotton.
450,000	630,000	Bu. Peanuts.
318,000	800,000	Bu. Apples.
1,130,000	1,064,000	Bu. Peaches.
100,000	980,000	Bu. Pears.
95,000	103,000	Lbs. Wool.

SOUTH DAKOTA

Has 77,644 Farms.

Average 335.1 Acres.

507,215 Farm Population.

1916.	LIVE STOCK.	1917.
485,000	Dairy Cows.	524,000
1,064,000	Other Cattle.	1,181,000
1,314,000	Swine.	1,432,000
604,000	Sheep.	658,000
2,100	Goats.	2,400
759,000	Horses.	774,000
15,000	Mules.	15,000

1918.	LIVE STOCK.	1919.
555,000	Dairy Cows.	561,000
1,438,000	Other Cattle.	1,496,000
1,504,000	Swine.	1,654,000
750,000	Sheep.	810,000
811,000	Horses.	827,000
16,000	Mules.	16,000

1915	1916	CROPS.
63,762,000	24,825,000	Bu. Wheat.
94,250,000	84,075,000	Bu. Corn.
72,450,000	56,425,000	Bu. Oats.
24,000,000	18,728,000	Bu. Barley.
3,900,000	4,500,000	Bu. Rye.
1,630,000	1,395,000	Bu. Flaxseed.
7,280,000	4,290,000	Bu. White Potatoes.
1,220,000	1,387,000	Tons Tame Hay.
4,340,000	3,909,000	Tons Wild Hay.
100,000	116,000	Barrels Apples.
3,150,000	3,560,000	Lbs. Wool.

1917	1918	CROPS.
52,024,000	71,305,000	Bu. Wheat.
97,150,000	108,188,000	Bu. Corn.
65,450,000	84,240,000	Bu. Oats.
26,520,000	41,300,000	Bu. Barley.
5,600,000	10,350,000	Bu. Rye.
000	000	Bu. Buckwheat.
950,000	1,368,000	Bu. Flaxseed.
000	000	Bu. Rice.
7,200,000	8,190,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,102,000	1,235,000	Tons Tame Hay.
2,925,000	3,185,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
349,000	109,000	Bu. Apples.
000	000	Bu. Peaches.
000	000	Bu. Pears.
3,738,000	4,747,000	Lbs. Wool.

TENNESSEE

Has 246,012 Farms.

Average 81.5 Acres.

1,743,744 Farm Population.

1916.	LIVE STOCK.	1917.
366,000	Dairy Cows.	366,000
518,000	Other Cattle.	528,000
1,531,000	Swine.	1,485,000
661,000	Sheep.	650,000
43,000	Goats.	44,000
349,000	Horses.	350,000
272,000	Mules.	270,000
7,900	Jack Stock.	8,000

1918.	LIVE STOCK.	1919.
373,000	Dairy Cows.	380,000
554,000	Other Cattle.	587,000
1,634,000	Swine.	1,965,000
666,000	Sheep.	567,000
350,000	Horses.	357,000
273,000	Mules.	278,000

1915	1916	CROPS.
9,030,000	7,953,000	Bu. Wheat.
94,500,000	84,500,000	Bu. Corn.
8,746,900	7,560,000	Bu. Oats.
144,000	237,000	Bu. Barley.
189,000	150,000	Bu. Rye.
54,000	54,000	Bu. Buckwheat.
3,168,000	2,952,000	Bu. White Potatoes.
2,835,000	2,700,000	Bu. Sweet Potatoes.
1,896,000	1,449,000	Tons Tame Hay.
32,000	38,000	Tons Wild Hay.
295,000	378,000	Bales Cotton.
69,675,000	81,760,000	Pounds Tobacco.
2,025,000	1,772,000	Barrels Apples.
2,460,000	1,080,000	Bu. Peaches.
195,000	59,000	Bu. Pears.
1,870,000	1,870,000	Lbs. Wool.
1917	1918	CROPS.
4,830,000	7,500,000	Bu. Wheat.
111,150,000	84,000,000	Bu. Corn.
7,350,000	8,125,000	Bu. Oats.

120,000	184,000	Bu. Barley.
120,000	300,000	Bu. Rye.
68,000	90,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
4,888,000	3,500,000	Bu. White Potatoes.
2,850,000	2,940,000	Bu. Sweet Potatoes.
1,142,000	1,620,000	Tons Tame Hay.
31,000	34,000	Tons Wild Hay.
81,810,000	62,240,000	Lbs. Tobacco.
206,000	350,000	Bales Cotton.
60,000	000	Bu. Beans.
450,000	684,000	Bu. Peanuts.
12,000	22,000	Bu. Clover Seed.
5,000,000	4,700,000	Bu. Apples.
900,000	840,000	Bu. Peaches.
75,000	112,000	Bu. Pears.
1,776,000	1,954,000	Lbs. Wool.

TEXAS

Has 417,770 Farms.

Average 269.1 Acres.

2,958,438 Farm Population.

1916.	LIVE STOCK.	1917.
1,119,000	Dairy Cows.	1,175,000
5,428,000	Other Cattle.	5,482,000
3,197,000	Swine.	3,229,000
2,156,000	Sheep.	2,328,000
1,135,000	Goats.	1,150,000
1,180,000	Horses.	1,156,000
768,000	Mules.	760,000
20,000	Jack Stock.	21,000
1918.	LIVE STOCK.	1919.
1,128,000	Dairy Cows.	1,060,000
4,660,000	Other Cattle.	3,961,000
3,068,000	Swine.	2,320,000
2,188,000	Sheep.	2,232,000
1,112,000	Horses.	1,164,000
808,000	Mules.	792,000
1915	1916	CROPS.
22,862,000	13,200,000	Bu. Wheat.
175,070,000	131,100,000	Bu. Corn.
44,375,000	42,750,000	Bu. Oats.
252,000	153,000	Bu. Barley.
34,000	20,000	Bu. Rice.
7,930,000	10,575,000	Bu. Rice.
2,730,000	2,000,000	Bu. White Potatoes.
5,880,000	7,120,000	Bu. Sweet Potatoes.
765,000	576,000	Tons Tame Hay.
343,000	262,000	Tons Wild Hay.
3,175,000	3,775,000	Bales Cotton.
100,000	140,000	Pounds Tobacco
187,000	156,000	Barrels Apples.
4,235,000	3,025,000	Bu. Peaches.
301,000	322,000	Bu. Pears.
9,750,000	10,250,000	Lbs. Wool.
1917	1918	CROPS.
16,200,000	8,920,000	Bu. Wheat.
77,285,000	69,000,000	Bu. Corn.
37,050,000	22,197,000	Bu. Oats.
180,000	170,000	Bu. Barley.
20,000	22,000	Bu. Rice.
000	000	Bu. Flaxseed.
6,210,000	7,840,000	Bu. Rice.
2,760,000	3,300,000	Bu. White Potatoes.
6,532,000	5,046,000	Bu. Sweet Potatoes.
450,000	581,000	Tons Tame Hay.
164,000	128,000	Tons Wild Hay.
134,000	000	Lbs. Tobacco.
3,115,000	2,580,000	Bales Cotton.
14,766,000	24,075,000	Bu. Kafirs.
8,400,000	19,200	Tons Broom Corn.
16,200,000	7,117,000	Bu. Peanuts.
345,000	198,000	Bu. Apples.
2,352,000	2,041,000	Bu. Peaches.
280,000	246,000	Bu. Pears.
10,045,000	11,250,000	Lbs. Wool.

UTAH

Has 21,676 Farms.

Average 156.7 Acres.

200,417 Farm Population.

1916.	LIVE STOCK.	1917.
96,000	Dairy Cows.	91,000
408,000	Other Cattle.	408,000
112,000	Swine.	101,000
2,089,000	Sheep.	2,089,000
28,000	Goats.	29,000
146,000	Horses.	138,000
2,000	Mules.	2,000
1,100	Jack Stock.	1,200

1918.	LIVE STOCK.	1919.
96,000	Dairy Cows.	101,000
437,000	Other Cattle.	480,000
102,000	Swine.	123,000
2,340,000	Sheep.	2,410,000
115,000	Horses.	148,000
2,000	Mules.	2,000
1915	1916	CROPS.
8,825,000	6,900,000	Bu. Wheat.
412,000	429,000	Bu. Corn.
4,700,000	4,480,000	Bu. Oats.
1,445,000	1,224,000	Bu. Barley.
202,000	144,000	Bu. Rice.
2,500,000	3,600,000	Bu. White Potatoes.
985,000	845,000	Tons Tame Hay.
110,000	102,000	Tons Wild Hay.
691,000	941,000	Tons Sugar Beets.
142,000	33,000	Barrels Apples.
212,000	90,000	Bu. Peaches.
31,000	12,000	Bu. Pears.
15,000,000	15,000,000	Lbs. Wool.
1917	1918	CROPS.
5,650,000	6,464,000	Bu. Wheat.
500,000	672,000	Bu. Corn.
4,400,000	4,410,000	Bu. Oats.
1,221,000	1,120,000	Bu. Barley.
104,000	208,000	Bu. Rice.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
4,347,000	3,600,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,137,000	1,020,000	Tons Tame Hay.
119,000	70,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
776,000	1,012,900	Tons Sugar Beets.
650,000	780,000	Bu. Apples.
900,000	1,080,000	Bu. Peaches.
48,000	51,000	Bu. Pears.
14,800,000	15,800,000	Lbs. Wool.

VERMONT

Has 32,709 Farms.

Average 142.6 Acres.

187,013 Farm Population.

1916.	LIVE STOCK.	1917.
273,000	Dairy Cows.	281,000
170,000	Other Cattle.	172,000
113,000	Swine.	113,000
100,000	Sheep.	100,000
89,000	Horses.	89,000
1918.	LIVE STOCK.	1919.
295,000	Dairy Cows.	281,000
189,000	Other Cattle.	194,000
120,000	Swine.	125,000
106,000	Sheep.	107,000
89,000	Horses.	88,000
1915	1916	CROPS.
30,000	25,000	Bu. Wheat.
2,256,000	1,935,000	Bu. Corn.
3,483,000	2,560,000	Bu. Oats.
420,000	412,000	Bu. Barley.
17,000	20,000	Bu. Rice.
23,500	210,000	Bu. Buckwheat.
2,592,000	2,576,000	Bu. White Potatoes.
1,310,000	1,666,000	Tons Tame Hay.
14,000	18,000	Tons Wild Hay.
130,000	160,000	Pounds Tobacco.
324,000	1,104,000	Barrels Apples.
17,000	24,000	Bu. Pears.
590,000	580,000	Lbs. Wool.
1917	1918	CROPS.
120,000	396,000	Bu. Wheat.
2,538,000	1,710,000	Bu. Corn.
3,168,000	4,223,000	Bu. Oats.
493,000	496,000	Bu. Barley.
20,000	21,000	Bu. Rice.
286,000	291,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
3,009,000	3,380,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,531,000	1,291,000	Tons Tame Hay.
13,000	12,000	Tons Wild Hay.
165,000	000	Lbs. Tobacco.
100,000	000	Bu. Beans.
1,286,000	1,002,000	Bu. Apples.
000	000	Bu. Peaches.
14,000	13,000	Bu. Pears.
14,620	16,160	Tons Cabbage.
597,000	663,000	Lbs. Wool.

VIRGINIA

Has 184,018 Farms.
Average 105.9 Acres.

1,585,083 Farm Population.

1916.	LIVE STOCK.	1917.
359,000	Dairy Cows.	373,000
472,000	Other Cattle.	486,000
1,023,000	Swine.	1,023,000
734,000	Sheep.	686,000
7,000	Goats.	7,000
361,000	Horses.	361,000
64,000	Mules.	64,000
1918.	LIVE STOCK.	1919.
377,000	Dairy Cows.	424,000
510,000	Other Cattle.	567,000
1,105,000	Swine.	1,134,000
686,000	Sheep.	713,000
365,000	Horses.	369,000
65,000	Mules.	66,000
1915	1916	CROPS.
16,974,000	16,250,000	Bu. Wheat.
60,562,000	60,990,000	Bu. Corn.
5,625,000	5,750,000	Bu. Oats.
348,000	358,000	Bu. Barley.
1,015,000	938,000	Bu. Rye.
520,000	480,000	Bu. Buckwheat.
17,500,000	16,250,000	Bu. White Potatoes.
3,740,000	5,070,000	Bu. Sweet Potatoes.
945,000	1,066,000	Tons Tame Hay.
12,900	6,100	Tons Cabbage.
9,000	9,000	Tons Wild Hay.
16,800	29,000	Bales Cotton.
144,375,000	129,200,000	Pounds Tobacco.
4,393,000	4,433,000	Barrels Apples.
1,500,000	598,000	Bu. Peaches.
261,000	122,000	Bu. Pears.
1,835,000	1,900,000	Lbs. Wool.
1917	1918	CROPS.
17,920,000	15,600,000	Bu. Wheat.
72,275,000	56,000,000	Bu. Corn.
5,512,000	5,175,000	Bu. Oats.
360,000	324,000	Bu. Barley.
1,155,000	1,200,000	Bu. Rye.
696,000	798,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
19,800,000	11,750,000	Bu. White Potatoes.
4,160,000	3,360,000	Bu. Sweet Potatoes.
986,000	1,542,000	Tons Tame Hay.
10,000	9,000	Tons Wild Hay.
129,500,000	146,300,000	Lbs. Tobacco.
16,000	26,000	Bales Cotton.
15,650	000	Tons Cabbage.
5,775,000	5,880,000	Bu. Peanuts.
9,974,000	9,000,000	Bu. Apples.
800,000	578,000	Bu. Peaches.
194,000	119,000	Bu. Pears.
1,862,000	1,918,000	Lbs. Wool.

WASHINGTON

Has 56,192 Farms.
Average 208.4 Acres.

536,460 Farm Population.

1916.	LIVE STOCK.	1917.
263,000	Dairy Cows.	263,000
221,000	Other Cattle.	275,000
314,000	Swine.	283,000
568,000	Sheep.	585,000
8,500	Goats.	9,000
308,000	Horses.	305,000
15,000	Mules.	18,000
1918.	LIVE STOCK.	1919.
266,000	Dairy Cows.	216,000
294,000	Other Cattle.	307,000
283,000	Swine.	317,000
661,000	Sheep.	780,000
309,000	Horses.	303,000
19,000	Mules.	20,000
1915	1916	CROPS.
50,394,000	37,635,000	Bu. Wheat.
1,053,000	1,406,000	Bu. Corn.
13,750,000	14,300,000	Bu. Oats.
7,263,000	6,814,000	Bu. Barley.
146,000	102,000	Bu. Rye.
8,235,000	9,900,000	Bu. White Potatoes.
232,400	299,628	Bu. Onions.
1,868,000	2,006,000	Tons Tame Hay.
32,000	42,000	Tons Wild Hay.
2,433,000	3,225,000	Barrels Apples.
566,000	415,000	Bu. Peaches.
564,000	531,000	Bu. Pears.
4,500,000	4,750,000	Lbs. Wool.

1917	1918	CROPS.
29,218,000	26,429,000	Bu. Wheat.
1,517,000	1,634,000	Bu. Corn.
11,240,000	8,370,000	Bu. Oats.
4,930,000	2,630,000	Bu. Barley.
89,000	70,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
9,875,000	3,580,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,778,000	1,429,000	Tons Tame Hay.
41,000	35,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
128,000	000	Bu. Beans.
4,200,000	2,939,000	Lbs. Hops.
17,897,000	16,489,000	Bu. Apples.
504,000	1,130,000	Bu. Peaches.
595,000	630,000	Bu. Pears.
4,818,000	5,504,000	Lbs. Wool.

WEST VIRGINIA

Has 96,685 Farms.
Average 103.7 Acres.

992,877 Farm Population.

1916.	LIVE STOCK.	1917.
341,000	Dairy Cows.	245,000
362,000	Other Cattle.	369,000
378,000	Swine.	380,000
796,000	Sheep.	715,000
5,700	Goats.	6,000
194,000	Horses.	196,000
12,000	Mules.	12,000
1918.	LIVE STOCK.	1919.
245,000	Dairy Cows.	243,000
373,000	Other Cattle.	366,000
422,000	Swine.	439,000
751,000	Sheep.	789,000
196,000	Horses.	194,000
12,000	Mules.	12,000
1915	1916	CROPS.
4,500,000	4,640,000	Bu. Wheat.
25,200,000	22,112,000	Bu. Corn.
3,480,000	3,220,000	Bu. Oats.
224,000	320,000	Bu. Rye.
836,000	659,000	Bu. Buckwheat.
5,850,000	4,224,000	Bu. White Potatoes.
220,000	280,000	Bu. Sweet Potatoes.
1,085,000	1,270,000	Tons Tame Hay.
7,000	7,000	Tons Wild Hay.
9,831,000	12,690,000	Pounds Tobacco.
2,512,000	3,334,000	Barrels Apples.
1,164,000	520,000	Bu. Peaches.
63,000	42,000	Bu. Pears.
2,750,000	2,750,000	Lbs. Wool.
1917	1918	CROPS.
4,410,000	4,942,000	Bu. Wheat.
25,020,000	24,800,000	Bu. Corn.
3,861,000	4,320,000	Bu. Oats.
000	000	Bu. Barley.
270,000	301,000	Bu. Rye.
900,000	915,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
7,475,000	5,220,000	Bu. White Potatoes.
280,000	212,000	Bu. Sweet Potatoes.
1,003,000	1,037,000	Tons Tame Hay.
7,000	7,000	Tons Wild Hay.
9,040,000	9,792,000	Lbs. Tobacco.
144,000	000	Bu. Beans.
5,994,000	8,174,000	Bu. Apples.
608,000	850,000	Bu. Peaches.
33,000	33,000	Bu. Pears.
2,695,000	2,830,000	Lbs. Wool.

WISCONSIN

Has 177,127 Farms.
Average 119.0 Acres.

1,329,540 Farm Population.

1916.	LIVE STOCK.	1917.
1,675,000	Dairy Cows.	1,750,000
1,313,000	Other Cattle.	1,340,000
2,142,000	Swine.	2,060,000
664,000	Sheep.	645,000
5,000	Goats.	5,000
712,000	Horses.	715,000
3,000	Mules.	3,000
1918.	LIVE STOCK.	1919.
1,785,000	Dairy Cows.	1,803,000
1,394,000	Other Cattle.	1,436,000
2,019,000	Swine.	2,181,000

651,000	Sheep.	716,000
708,000	Horses.	694,000
3,000	Mules.	3,000
1915	1916	CROPS.
4,632,000	3,315,000	Bu. Wheat.
40,825,000	60,840,000	Bu. Corn.
99,475,000	81,400,000	Bu. Oats.
23,288,000	18,300,000	Bu. Barley.
7,770,000	6,055,000	Bu. Rye.
234,000	280,000	Bu. Buckwheat.
94,000	60,000	Bu. Flaxseed.
25,926,000	13,630,000	Bu. White Potatoes.
134,600	58,000	Tons Cabbage.
36,000	31,000	Barrels Cranberries.
285,950	220,932	Bu. Onions.
4,508,000	4,420,000	Tons Tame Hay.
420,000	481,000	Tons Wild Hay.
36,900,000	55,753,000	Pounds Tobacco.
2,250,000	2,510,000	Pounds Wool.
23,000	26,000	Bu. Pears.
1,473,000	873,000	Barrels Apples.
1917	1918	CROPS.
5,327,000	10,716,000	Bu. Wheat.
42,196,000	69,538,000	Bu. Corn.
99,000,000	110,162,000	Bu. Oats.
19,200,000	25,383,000	Bu. Barley.
7,585,000	7,671,000	Bu. Rye.
281,000	636,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
34,998,000	33,040,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
4,595,000	3,537,000	Tons Tame Hay.
427,000	413,000	Tons Wild Hay.
45,885,000	65,170,000	Lbs. Tobacco.
000	000	Bales Cotton.
262,000	000	Bu. Beans.
121,000	93,000	Tons Cabbage.
300,000	336,000	Bu. Clover Seed.
3,029,000	2,061,000	Bu. Apples.
000	000	Bu. Peaches.
000	000	Bu. Pears.
30,000	36,100	Bbbs. Cranberries.
000	110,400	Tons Sugar Beets.
2,501,000	2,850,000	Lbs. Wool.

WYOMING

Has 10,987 Farms.

Average 717 Acres.

102,744 Farm Population.

1916.	LIVE STOCK.	1917.
50,000	Dairy Cows.	55,000
703,000	Other Cattle.	825,000
70,000	Swine.	69,000
4,328,000	Sheep.	4,381,000
3,000	Goats.	3,000
180,000	Horses.	191,000
2,000	Mules.	3,000
1918.	LIVE STOCK.	1919.
64,000	Dairy Cattle.	72,000
891,000	Other Cattle.	1,000,000
54,000	Swine.	63,000
4,100,000	Sheep.	4,018,000
209,000	Horses.	230,000
4,000	Mules.	4,000
1915	1916	CROPS.
3,315,000	3,560,000	Bu. Wheat.
625,000	550,000	Bu. Corn.
9,534,000	8,575,000	Bu. Oats.
612,000	825,000	Bu. Barley.
180,000	155,000	Bu. Rye.
26,000	14,000	Bu. Flaxseed.
2,400,000	2,340,000	Bu. White Potatoes.
1,210,000	1,044,000	Tons Tame Hay.
299,000	255,000	Tons Wild Hay.
29,200,000	31,000,000	Lbs. Wool.
1917	1918	CROPS.
4,206,000	6,600,000	Bu. Wheat.
660,000	1,000,000	Bu. Corn.
9,468,000	11,685,000	Bu. Oats.
783,000	1,110,000	Bu. Barley.
252,000	450,000	Bu. Rye.
000	000	Bu. Buckwheat.
20,000	27,000	Bu. Flaxseed.
000	000	Bu. Rice.
4,650,000	4,500,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
952,000	1,218,000	Tons Tame Hay.
300,000	330,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
000	000	Bu. Apples.
000	000	Bu. Peaches.
000	000	Bu. Pears.
30,380,000	34,026,000	Lbs. Wool.

Farmers and Laborers.

The United States Census is responsible for the figures presented herewith, and it shows that the working farm population was 12,389,840 in 1910, and by adding 10 per cent. the total now is 13,628,824. The laborers and farm foremen enumerated were included originally in 1910 in the list of farm laborers, but now it will be nearer the correct total if the farm foremen and garden laborers are allowed to represent the increase.

State.	Total Farmers.	Total Farm Laborers.	Farm Foremen, Etc.,	Garden Laborers.
MAINE.	47,509	25,822	381	754
N. H....	20,175	14,380	284	536
VT.....	27,673	21,028	297	382
MASS...	28,897	38,575	1,502	8,910
R. I....	4,368	6,908	201	1,483
CONN...	21,514	24,501	631	3,011
N. Y....	197,458	175,427	2,857	17,275
N. J....	30,639	45,429	905	6,965
PENN...	190,509	162,084	2,381	8,917
DEL....	10,325	12,417	87	351
MD.....	44,143	65,408	843	3,738
VA.....	165,417	183,509	1,543	3,358
W. VA..	87,286	72,789	568	844
N. C....	242,456	359,881	1,067	1,482
S. C....	172,387	338,461	1,206	919
GA.....	286,662	433,777	1,843	2,168
FLA....	47,690	70,063	1,099	3,425
OHIO...	253,263	164,198	2,127	5,461
IND....	206,475	136,496	1,536	1,862
ILL....	248,636	198,877	2,079	5,823
MICH...	190,771	122,106	1,324	2,693
WIS....	170,605	125,940	1,040	1,527
MINN...	155,867	122,828	932	1,922
IOWA...	215,290	138,434	1,371	1,835
MO.....	274,412	178,801	1,552	2,668
N. D....	76,274	54,548	566	100
S. D....	77,235	47,452	305	136
NEB....	129,593	72,898	658	650
KAS....	179,014	95,061	963	1,198
KY.....	252,463	199,933	1,038	1,433
TENN...	233,752	259,658	896	1,434
ALA....	256,046	406,205	985	1,479
MISS...	271,120	400,835	1,261	1,047
LA.....	118,806	216,544	1,998	1,968
TEXAS.	417,529	510,239	1,824	3,303
OKLA...	194,684	153,532	641	474
ARK....	211,042	255,151	944	967
MONT...	28,206	25,205	336	587
WYO....	11,879	12,797	109	62
COLO...	48,646	36,117	474	1,557
N. M....	32,488	33,631	159	397
ARIZ...	9,524	12,211	134	187
UTAH...	20,479	16,762	97	421
NEV....	3,033	5,542	109	85
IDAHO..	32,064	23,393	260	421
WASH...	57,565	40,433	787	3,065
OREGON	46,070	33,312	536	1,969
CALIF..	90,696	121,202	2,855	422,199
U. S....	6,147,635	6,242,205	47,591	133,927

All-Wheat Acreage.

The following table shows the winter, spring and total wheat acreage planted since and including the year 1909:

Year.	Winter, Acres.	Spring, Acres.	Total Acres.
1909.....	27,151,000	17,111,000	44,262,000
1910.....	27,329,000	18,352,000	45,681,000
1911.....	29,162,000	20,381,000	49,543,000
1912.....	26,571,000	19,243,000	45,814,000
3 Years...	83,062,000	57,976,000	141,038,000
1913.....	31,699,000	18,485,000	50,184,000
1914.....	36,008,000	17,533,000	53,541,000
1915.....	41,308,000	19,161,000	60,469,000
3 Years...	109,015,000	55,179,000	164,194,000
1916.....	34,709,000	17,607,000	52,316,000
1917.....	27,430,000	18,511,000	45,941,000
1918.....	36,392,000	22,489,000	58,881,000
3 Years...	98,531,000	58,607,000	157,138,000

TREES, SEEDS AND PLANTS.

A Directory Section of Agricultural Statistics Devoted to Growers of Seeds and Plants and to Buyers and Sellers Thereof.

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ACME SEED COMPANY, Grass Re-cleaned Sudan Seed, LUBBOCK, TEXAS.
ADAM (L. C.) MERCANTILE CO., Specialty, Alfalfa Seed, CEDAR VALE, KAS.
AINSWORTH, W. T., & SONS, Seed Corn Specialists, MASON CITY, ILL.
AMERICAN MUTUAL SEED COMPANY, 43d and Robey Sts., CHICAGO, ILL.
ANDERSON, A. C., Platte Valley Pests Seeds, COLUMBUS, NEB.
ARCHAIS SEED STORE, Issue 100-Page Seed Book to Farmers, SEDALIA, MO.
ARMSTRONG, J. B., & SON, Garden and Farm Seeds, SHENANDOAH, IA.
ATCHISON, J. H., Special Producer of Seed Corn, CHAPPELLS, S. C.
AYE BROS., Special Producers of Pure-Bred Seed Corn, BLAIR, NEB.
BAUER, J. A., Special Producer of Strawberry Plants, JUDSONIA, ARK.
BEAR CREEK FARM, J. T. Spier, Supt., Specialty, Seed Corn, HAMPTON, GA.
BELMONT FARM (J. Gid Morris), Seed Cotton and Seed Corn, SMYRNA, GA.
BENEDICT NURSERY COMPANY, Prunes, Cherries, Walnuts, PORTLAND, OREGON.
BERRY—A. A. BERRY SEED COMPANY, Box 223, CLARKINDA, IA.
BISSELL, G. L., Breeder of Hand Pested Seed Corn, OTTUMWA, IA.
BOWMAN, GEO., Specialty, Pure Alfalfa Seed, LOGAN, KAS.
BOYD, DOUGLAS, Wanamaker-Cleveland Cotton Seed, GRIFFIN, GA.
BROWNING, DAN, Seed Farm, Velvet Beans, Seed Corn, Millet, Etc., HELENA, GA.
BRUCE WHOLESALE PLANT COMPANY, VALDOSTA, GA.
BUCKBEE, H. W., "Full of Life" Seeds and Plants, ROCKFORD, ILL.
BURPEE—W. ATLEE BURPEE CO., Seed Growers, PHILADELPHIA, PA.
BURT—THEO. BURT & SONS, Specialty, Learning Corn, MELROSE, OHIO.
BUSH, F. A., Seed Specialist, Peanuts, Velvet Beans, RICHLAND, GA.
BUTZER'S SEED STORE, Catalogue issued, PORTLAND, OREGON.
CALIFORNIA ASSOCIATED RAISIN COMPANY, FRESNO, CALIF.
CALIFORNIA FRUIT PRODUCTS COMPANY, COLTON, CALIF.
CHESTNUT, H. W., Black Hull White Kaffir Seed, KINCAID, KAS.
CHILDS, JOHN LEWIS, Florist, FLORAL PARK, N. Y.
CLARK PLANT FARM, THOMASVILLE, GA.

CONDON BROS., Rock River Valley Seed Farm, ROCKFORD, ILL.
COOPER & ROGERS, Reliable Fruit Trees, True to Name, WINFIELD, KAS.
COVINGTON, W. F., Osceola Beans, the best you can plant, MONTGOMERY, ALA.
CROCKETT, MALCOLM, Yellow Dent Seed Corn, GRELTON, OHIO.
DEPOSIT SEED CO., Special Seed Collections, DEPOSIT, N. Y.
DINGWALL—C. E. DINGWALL CO., Seed Barley, Oats and Wheat, MILWAUKEE, WIS.
ELMWOOD NURSERIES, J. B. Watkins & Bro., Specialty, Vegetable Plants, MIDLOTHIAN, VA.
ERNST NURSERIES, Large and Small Fruits, Catalogue Free, EATON, OHIO.
EVERETT SEED COMPANY, Seed Growers, Catalogue Issued, ATLANTA, GA.
EVERGREEN NURSERY, Pure, Sweet, Indian Peach, HAWKINS, TEXAS.
EWBANK & BRUBAKER, R. R. 6, ASHLAND, OHIO.
FAIRBURY NURSERIES, Specialties, Cherries, Apples, Grapes, FAIRBURY, NEB.
FELLOWS, J. W., Early White Stringless Velvet Beans, CAENEGIE, GA.
FRANKS, W. H., Ninety-Day or Early Speckle Velvet Beans, WARTHEN, GA.
FRANKSTON NURSERY CO., Seeds, Plants and Trees, FRANKSTON, TEXAS.
Ferry, D. M. & Co., Seeds, 84 Monroe, Detroit, Mich.
FUNK BROS. SEED COMPANY, Seed Growers, BLOOMINGTON, ILL.
GALLOWAY BROS. & CO., Seeds, Garden and Flower, Box 73, WATERLOO, IA.
GLICK'S PLANT FARMS, Producers of Celery Plants, SMOKE TOWN, PA.
GRAVES, C. H. & J., Ear Tester, Seed Corn Specialists, ANTWERP, OHIO.
GREAT NORTHERN SEED CO., 237 Rose St., ROCKFORD, ILL.
Gregory, J. J. H., & Son, Seeds, Marblehead, Mass.
GUARANTEE PLANTING SEED CO., Cull'd Early Mebane Triumph Cotton Seed, LOCKHART, TEXAS.
HADLEY, B. O., Bermuda Grass Seed Specialist, YUMA, ARIZ.
HAMMERLI, J., Alfalfa Seed Specialist, OAK HILL, KAS.
HANGLEY, PETER, Specialty, Early White Seed Corn, CAMERON, MO.
HARRIS BROS. SEED COMPANY, "Harris Seeds That Hustle," MT. PLEASANT, OHIO.
HARRIS, J. C., Improved Long Staple Cotton Seed, McDONOUGH, GA.
HASTINGS, H. G., & COMPANY, Seed Merchants, ATLANTA, GA.
HEATON, J. L., Heaton Early Big Boll Cotton, CARROLLTON, GA.
HENKE, NELSON, Specialty, Cabbage Plants, LIVONIA, LA.
HICKORY SEED COMPANY, Cow Peas and Soja Beans, HICKORY, N. C.
HILL (D.) NURSERY CO., Growers of Evergreens and Ornamentals, DUNDEE, ILL.
HODGSON, DR. P. M., Proprietor Paper Shell Pecan Groves, STOCKTON, ALA.
HOLMES-LEATHERMAN SEED CO., Specialty: Soy Beans, CANTON, OHIO.
HOLSINGER BROS., General Nursery Stock, ROSEDALE, KAS.
HOME NURSERY COMPANY, Specialty, Small Fruits, McCUNE, KAS.
HOPEDALE NURSERIES, Trees and Plants, HOPEDALE, ILL.
HOEN BROS. COMPANY, White Enslage Seed Corn, MONROEVILLE, OHIO.
HOYT—A. C. HOYT & CO., Pure Farm Field Seeds, FOSTORIA, OHIO.
HOYT, E. M., Ever-Bearing Strawberries, ARVADA, COLO.
HUNTER, E. T., Pure-Bred Seed Corn, HAUBSTADT, IND.
HURTEAU, GEO., Red Rock Seed Wheat, R. 2, ALLEGAN, MICH.
ILLINOIS SEED CO., THE, Field and Grass Seeds, CHICAGO, ILL.
INDIANA NUT NURSERY (J. F. Wilkinson), Seedling Pecans, ROCKPORT, IND.
INLAND SEED COMPANY, Standard Incubators, Etc., SPOKANE, WASH.
IOWA SEED COMPANY, 209 Walnut St., DES MOINES, IA.
JACOBSON, J., Good Re-cleaned Alfalfa Seed, FORMOSA, KAS.
JARMAN, L. W., Cleveland Big Boll, Sunbeam Cotton Seed, COVINGTON, GA.
JEWELL, MRS. E., "Progressive" Ever-Bearing Strawberry Plants, GENTRY, ARK.
JUNG—J. W. JUNG SEED CO., Specialty, Tomatoes, Lettuce, Etc., RANDOLPH, WIS.

- KELLY GARDENS, Strawberries and Vegetables, Station B, SPOKANE, WASH.
 KERR—THE JOHN S. KERR NURSERY COMPANY, "The Careful Nurseryman," SHERMAN, TEXAS.
 KIPP, JOHN, Consulting Agriculturist and Horticulturist, MONTCLAIR, N. J.
 KOELL, W. H., Ever-Bearing Strawberry Plants, HAMPTON, IA.
 KRAMER—J. N. KRAMER & SON, Seedsmen and Florists, CEDAR RAPIDS, IA.
 KRIDER NURSERIES, Strawberries and Other Small Fruits, GOSHEN, IND.
 KUNKEL, J. A., Choice Star Cotton Seed and Others, CLARKSVILLE, TEXAS.
 LAMBERT, PERRY H., Prize Winning Seed Corn, HIAWATHA, KAS.
 LANG FLORAL CO., Roses, Shrubs, Fruit and Shade Trees, DALLAS, TEXAS.
 LANGFORD, MRS. F. L., Langford Big Boll Cotton Seed, R. 29, COMMERCE, GA.
 LAURIDSEN, HELGE, Seed Potatoes a Specialty, R. 1, MASON CITY, NEB.
 LAWSON, J. C., Specialty, Kafr Corn Seed, PAWNEE, OKLA.
 LENHARDT, R. S., Heavy Butter and Big Bowl Cotton, CARNESVILLE, GA.
 LEWIS, JOHN, White Clover and Alfalfa, MADISON, KAS.
 LONGVIEW SEED FARM, Sudan Grass Seed, Reclenand, LUBBOCK, TEXAS.
 LOY, M. H., Pure Sudan Grass Seed, MILO, KAS.
 LUPTON, TOM, Selected Yellow Dent Seed Corn, R. 2, AURORA, MO.
 MCGINTY, R. C., Early Ninety-Day Seed Velvet Beans, GEORGETOWN, GA.
 MCLEOD, K. T., Specialty, White Spanish Peanuts, MCLEOD, MISS.
 MCNICOL, JAMES, Specialties, Cow Peas, Small Fruits, Etc., LOST SPRINGS, KAS.
 MALMO & CO., Seeds, Large and Small Fruits, SEATTLE, WASH.
 MARK MEANS COMPANY, Timothy, Alfalfa and Clover, LEWISTON, IDAHO.
 MAPLEHURST NURSERIES, Trees, Fruit and Ornamentals, Packers' Station, KANSAS CITY, MO.
 MARTZ SEED COMPANY, Field, Garden and Flower Seeds, GRUNDY CENTER, IA.
 MATT, PARKHURST, Corn Breeder, Mosby Seed Corn, NEWBURN, ALA.
 MILLS SEED COMPANY, Seed Corn and Farm Seeds, WASHINGTON, IA.
 MISSOURI SEED COMPANY, Seed Exporters and Importers, "Missouri Brand Seeds," 1426 St. Louis Ave., KANSAS CITY, MO.
 MITCHELL'S NURSERY, All Kinds of Trees and Plants, BEVERLY, O.
 MONTAGUE, C. J., Big Bowl Rowden Cotton Seed, WILLS POINT, TEXAS.
 MORGAN, H. R., Riverside Farm, Seed Corn, R. 5, SHELBYVILLE, TENN.
 NEOSHO NURSERIES CO. We sell direct from Nurseries only. NEOSHO, MO.
 NORTH BEND NURSERIES, Strawberry Plants, Etc., NORTH BEND, NEB.
 NORTH CUTT, R. H., Hembree or Summer-hour Seed Corn, MARIETTA, GA.
 NORTHERN NURSERY COMPANY, 210 Barclay Block, DENVER, COLO.
 OUTLAW PLANT CO., Frost Proof Cabbage Plants, HAHIRA, GA.
 OVERSTREET, J. W., Big Bowl Rowden Cotton, WILLS POINT, TEXAS.
 OZARK SEED AND PLANT COMPANY, Mail Order House, NASHVILLE, ARK.
 PITTMAN & HARRISON CO., Sudan, Johnson Grass, Alfalfa, Etc., SHERMAN, TEXAS.
 PLANTERS' NURSERY, Trees, Plants, Seeds, WINFIELD, KAS.
 PORTLAND SEED COMPANY, Diamond Quality Catalogue, PORTLAND, ORE.
 PROVINCE, R. F., Producer of Lespedeza Clover Seed, BIG CREEK, MISS.
 PRUNTY, CHARLES E., Seed Merchant, 7 South Main St., ST. LOUIS, MO.
 REDFEARN, H., Early Mebane Triumph Cotton Seed, WINFIELD, TEXAS.
 RIEBEL (F. M.), & SON, Seed Corn Specialists, ARBELA, MO.
 ROBERTS, J. T., Cotton Seed Specialist and Grower, LOUISVILLE, GA.
 ROBER, A. L., Cow Peas, Seed Corn and Cane Seed, ADAIRSVILLE, GA.
 ROSS BROS. SEED COMPANY, Seed Corn, Field and Garden Seeds, WICHITA, KAS.
 ROWLAND & CO., Buyers and Growers of Cow Peas, AUGUSTA, GA.
 ST. LOUIS SEED CO., also Poultry Supplies, 411 Washington Ave., ST. LOUIS, MO.
 SALZER—JOHN A. SALZER SEED COMPANY, LA CROSSE, WIS.
 SCARFF, W. N., Nursery and Seed Grower, NEW CARLISLE, PA.
 SEWELL, C. B., Small Fruits, Cabbage and Grasses, BRUNDAGE, TEXAS.
 SCHISLER (A. W.) FIELD AND GARDEN SEED CO., All Kinds of Field and Garden Seeds, 704 to 710 N. Fourth st., ST. LOUIS, MO.
 SCOTT, O. M., & SONS COMPANY, Soy Bean Specialists, MARYSVILLE, O.
 SCOTT, Z. L., Specialty, Scott's Marlboro Corn, CONCORD, GA.
 SESSIONS, H. M., & SONS, Specialty, Seed Peanuts, ENTERPRISE, ALA.
 SHUMWAY, R. H., Pure and Sure Seeds, Catalogue free, ROCKFORD, ILL.
 SINTON PLANT CO., Cabbage Plants and Bermuda Onions, SINTON, TEXAS.
 SONDEREGGER NURSERIES AND SEED HOUSE, Specialty, Vegetables, BEATRICE, NEB.
 SOUTHERN SEED FARM, W. T. Brooks, Prop., Cotton Seed, ARLINGTON, GA.
 SPOKANE SEED COMPANY, Diamond Quality Seeds, SPOKANE, WASH.
 STEINHEIMER, R. F., Specialty, Marlboro Seed Corn, BROOKS, GA.
 STITT, R. G., & SON, Bermuda Grass Seed, Finest Quality, YUMA, ARIZONA.
 STONE, B. W., Aeolian Farm; Pecan Nursery, THOMASVILLE, GA.
 STONEY, L. A., Cotton Seed Specialist, ALLENDALE, S. C.
 STOUT, H. T., Seed Corn Specialist, CRAWFORDSVILLE, IND.
 STRAWN, M. L., Mebane Triumph Cotton Seed, LOCKHART, TEXAS.
 SUTTON, G. D., COMPANY, Seed Corn Specialists, MASON CITY, ILL.
 SUTTON & PORTEUS, Aberdeen-Angus Bulls, LAWRENCE, KAS.
 TENNESSEE NURSERY COMPANY, Apple and Peach Trees, CLEVELAND, TENN.
 TEXAS PECAN NURSERY, Booklet "How To Grow Pecans," ARL, TEXAS.
 TEXAS SEED BREEDING FARMS, Rye, Oats and Bur Clover, SHERMAN, TEXAS.
 TRENT, S. G., Specialty, Tested Seed Corn, HIAWATHA, KAS.
 TROYER BROS., Seed Corn Specialists, LA FONTAINE, IND.
 TRUSSELL, C. H., Early Speckled Velvet Beans, WARTHEN, GA.
 VALLEY VIEW GARDENS, Ever-Bearing Strawberries, Gov. Inspected, TIFFIN, OHIO.
 Vincennes Nurseries, Vincennes, Ind.
 WALLER (O. C.) & BROS., Strawberries and Other Plants, JUDSONIA, ARK.
 WARREN COUNTY SEED CORN GROWERS' ASS'N, BOWLING GREEN, KY.
 WATERS, W. P., Specialist, Seed Corn, Sorghum, Beans, PYATT, ARK.
 WEBER (H. J.) & SONS NURSERY CO., Postoffice, NURSERY, ST. LOUIS CO., MO.
 WEBER, SIDNEY J., Reclenand Lespedeza Seeds (Japan Clover), EATON ROUGE, LA.
 WELCH NURSERY, Ever-Bearing Strawberry Plants, SHENANDOAH, IA.
 WESTON (A. M.) & CO., Specialty, Small Fruits, BRIDGMAN, MICH.
 WHITE—D. A. WHITE & SONS, Fancy Clover Seed, SALEM, ORE.
 WHITEWRIGHT SEED FARMS, Improved Red Rust Proof Oats, WHITEWRIGHT, TEX.
 WICHITA NURSERIES, AND SEED HOUSE, Free Seed Book, WICHITA, KAS.
 WILL—OSCAR H. WILL COMPANY, Seed Corn Specialists, BISMARCK, N. D.
 WILSON, JAMES D., Specialty, Schrock Kafr Seed, R. F. D., PARSONS, KAS.
 WING SEED COMPANY, Alfalfa and All Others, MECHANICSBURG, OHIO.
 WOOD, T. W., & SONS, All Southern Farm and Garden Seeds, RICHMOND, VA.
 WOODFIELDS FARM, Choice Seed Corn, WYCOMBE, PA.
 WRAGG NURSERY COMPANY, Fruits and Ornamentals, DES MOINES, IA.

In the year 1734 a plow with cast-iron mold board and wrought and cast-iron shares was invented by James Small, of Scotland.

In the year 1786 Sea Island cotton introduced in Georgia from the West Indies.

About the year 1786, Mrs. Colling, wife of Mr. Charles Colling, of Sporthorpe breeding fame, first known and recognized as cattle breeder, or, in modern terms, a Cattle Queen.

FERTILIZER TONNAGE.

This tabulated statement is published by courtesy of the American Fertilizer Handbook, published by Ware Bros. Company, 1010 Arch street, Philadelphia, Pa. The table represents the amount of fertilized material used on farms. The years are 1911, 1916 and 1917. In 1914 the fertilizer consumption was 7,517,528.

State.	1911. Tons.	1916. Tons.	1917. Tons.
ALA.....	440,000	206,000	210,000
ARIZ.....	350	600	500
ARK.....	40,000	65,600	58,500
CALIF.....	49,700	29,415	43,964
COLO.....	500	1,000	1,000
CONN.....	45,000	90,000	115,000
DEL.....	25,000	45,000	50,000
FLA.....	183,347	212,250	214,088
GA.....	1,202,722	741,347	895,897
IDAHO.....		500	500
ILL.....	60,000	75,000	75,000
IND.....	179,839	132,159	156,000
IOWA.....	2,000	5,000	5,000
KAS.....	1,500	7,940	7,600
LA.....	65,000	62,000	93,000
LA.....	91,083	96,426	98,264
MAINE.....	110,000	155,000	160,935
MD.....	158,000	154,000	191,900
MASS.....	72,000	67,000	70,000
MICH.....	45,000	70,000	91,455
MINN.....	2,000	5,000	6,000
MISS.....	148,237	75,667	76,717
MO.....	41,685	41,000	65,000
MONT.....	600	1,000	1,000
NEB.....	300	500	500
NEV.....	500	1,000	1,000
N. H.....	15,000	18,000	20,000
N. J.....	135,000	129,800	176,483
N. M.....	200	500	500
N. Y.....	400,000	500,000	525,000
N. C.....	711,380	650,000	849,728
N. D.....	500	700	1,000
OHIO.....	148,000	187,848	165,857
OKLA.....	8,000	20,000	21,000
OREGON.....	3,000	6,500	7,000
PENN.....	315,000	268,455	332,309
R. I.....	12,000	13,000	15,000
S. C.....	1,048,806	833,624	850,790
S. D.....	200	1,500	2,500
TENN.....	65,000	91,128	99,584
TEXAS.....	52,985	39,815	40,500
UTAH.....	600	1,000	1,000
VT.....	20,000	27,000	30,000
VA.....	359,465	369,520	496,217
WASH.....	1,300	3,000	1,000
W. VA.....	31,250	40,000	41,000
WIS.....	2,500	5,000	6,500
WYO.....	125	500	500
U. S.....	6,348,305	5,583,049	6,423,043
PORTO RICO.....	25,800	37,725	45,767

MONTHLY MARKETING OF WHEAT BY FARMERS.

Month.	1917-18.	1916-17.	1915-16.	1914-15.	1913-14.
July.....	41	83	60	141	108
August.....	60	141	94	106	88
September.....	108	104	122	125	94
October.....	101	87	123	100	85
November.....	77	60	105	83	64
December.....	43	35	94	60	50
January.....	26	45	58	41	44
February.....	22	20	58	46	32
March.....	21	24	32	26	28
April.....	23	19	33	37	19
May.....	17	19	40	22	23
June.....	12	13	31	17	25
Season.....	560	620	851	804	660

In the year 1766 John Wynn Baker, of Kildare, Ireland, commenced a system of rural-economy experiments and showed by actual demonstration that the saving effected by the drill and horse hoe (meaning the plow) amounted in fifteen years to the fee simple (value) of all the cultivated lands in the country.

Highland Agricultural Society of Scotland was instituted in the year 1777.

YEARLY MARKETING OF LIVE STOCK.

The following tabulated statement furnished by the United States Department of Agriculture gives the combined receipts and shipments of hogs, cattle and sheep at Chicago, Kansas City, Omaha, St. Louis, Sioux City, St. Joseph and St. Paul yearly since 1900. The receipts less shipments represent the home slaughter at the combined seven markets. The shipments include the stock sold for shipment and slaughter elsewhere.

CATTLE AT SEVEN MARKETS.

Year.	Receipts.	Shipments.	Slaughtered.
1900....	7,179,344	3,793,308	3,386,036
1901....	7,708,839	3,888,460	3,850,379
1902....	8,375,408	4,292,705	4,082,703
1903....	8,878,789	4,490,748	4,388,041
1904....	8,690,699	4,552,554	4,138,145
1905....	9,202,082	4,964,753	4,237,330
1906....	9,373,825	5,026,689	4,347,136
1907....	9,590,710	5,360,790	4,229,920
1908....	9,827,369	4,936,751	4,890,629
1909....	9,189,312	5,181,446	4,907,866
1910....	9,116,687	5,122,984	4,993,703
1911....	8,629,109	4,805,766	4,823,343
1912....	8,061,494	4,318,648	3,742,846
1913....	7,904,552	4,696,085	3,808,467
1914....	7,182,239	3,933,663	3,248,576
1915....	7,963,591	2,944,152	4,019,439
1916....	9,319,851	4,713,700	4,606,151
1917....	11,241,038	5,676,015	5,565,023
1918....	12,064,416	5,749,835	6,314,581

HOGS AT SEVEN MARKETS.

Year.	Receipts.	Shipments.	Slaughtered.
1900....	18,573,177	5,336,826	13,236,351
1901....	20,339,861	5,772,717	14,567,147
1902....	17,289,427	4,130,675	13,158,752
1903....	16,780,250	4,333,572	12,446,678
1904....	17,778,827	5,254,545	12,524,282
1905....	18,988,933	5,614,306	13,374,627
1906....	19,223,792	5,440,333	13,783,459
1907....	19,544,617	5,993,068	13,551,548
1908....	22,863,701	7,288,403	15,575,298
1909....	18,854,641	6,381,667	12,452,974
1910....	14,853,472	4,628,760	12,224,712
1911....	19,926,547	6,418,246	13,508,301
1912....	19,771,825	6,096,906	13,674,919
1913....	19,924,331	6,414,815	13,509,512
1914....	18,272,091	5,816,069	12,456,022
1915....	21,031,405	6,823,983	14,207,422
1916....	25,345,802	8,264,752	17,081,050
1917....	20,945,301	7,151,995	13,793,306
1918....	25,461,514	7,111,935	18,349,579

SHEEP AT SEVEN MARKETS.

Year.	Receipts.	Shipments.	Slaughtered.
1900....	7,061,466	2,500,686	4,560,780
1901....	7,798,359	2,712,866	5,085,493
1902....	9,177,050	3,561,060	5,615,990
1903....	9,680,692	3,983,310	5,697,382
1904....	9,604,812	4,203,834	5,400,978
1905....	10,572,359	4,725,872	5,846,387
1906....	10,864,437	5,046,366	5,820,071
1907....	9,857,877	4,519,000	5,308,877
1908....	9,833,640	4,489,295	5,344,345
1909....	10,284,903	4,172,388	6,112,517
1910....	12,366,375	6,013,215	6,353,160
1911....	13,521,492	5,891,034	7,630,458
1912....	13,733,980	5,369,402	8,364,578
1913....	14,037,839	6,046,260	7,991,570
1914....	13,272,491	5,331,449	7,941,042
1915....	11,169,246	4,370,504	6,789,742
1916....	11,639,022	4,640,015	6,999,007
1917....	10,017,353	4,634,489	5,482,864
1918....	12,936,068	5,388,838	7,547,230

THE YIELD OF HOPS.

The 1917 yield of hops so far estimated is not large and is confined to four states. We present herewith the crop estimates of 1915, 1916 and 1917:

State.	1915. Estimate.	1916. Estimate.	1917 Forecast.
NEW YORK.....	3,060,000	2,512,000	2,800,000
WASHINGTON.....	7,466,000	6,825,000	4,116,000
OREGON.....	21,000,000	19,000,000	5,000,000
CALIFORNIA.....	21,460,000	22,200,000	15,700,000
	52,986,000	50,537,000	27,616,000

May 4th, 1780, was the first Derby Day in England. The race was won by Diomed, the property of Sir Charles Bunbury. All the competitors were colts. The distance was one mile.

M. de Trudaine introduced Merino sheep in France in the year 1776.

CANTALOUPE, WATERMELONS, PUMPKINS.

According to the last census enumeration, 16,278 farms occupy 52,419 acres with the production of cantaloupes (and muskmelons), 35,345 farms occupy 137,005 acres with the production of watermelons and 361 farms cultivate 1,163 acres for the special production of pumpkins. These tables being arranged side by side and state by state, form an interesting basis of information. It is the latest available.

State.	Farms.	Acres.	Farms.	Acres.	Farms.	Acres.
ALA...	122	285	1,786	4,708	1	2
ARIZ...	110	452	323	735	21	54
ARK...	448	994	1,768	3,410		
CALIF...	656	5,784	983	6,065	137	511
COLO...	738	3,970	210	467	8	15
CONN...	70	159	30	54	4	7
DEL...	551	1,163	320	859	3	6
D. C...	32	69	5	9	1	2
GA...	408	3,408	1,627	17,711	1	2
IA...	368	3,022	3,255	16,298		
IDAH...	61	213	1	165		
ILL...	927	2,332	1,192	6,211	12	89
IND...	994	3,855	1,677	7,915		
IOW...	234	764	477	3,464	4	24
KAS...	203	417	1,029	3,317	4	24
KY...	357	594	779	1,690		
LA...	209	371	800	1,278	1	1
MAINE...	3	4			4	5
MD...	1,193	3,516	658	2,432	2	4
MASS...	32	51	21	31	10	42
MICH...	841	1,829	238	439	5	19
MINN...	195	453	59	103	7	13
MISS...	66	122	1,054	1,794		
MO...	758	1,701	1,709	10,727	7	11
MONT...	4	5	16	30		
NEB...	61	112	295	725	5	16
NEV...	57	399	24	34	1	4
N. H...	7	9			1	1
N. J...	1,494	3,861	896	2,236	24	67
N. M...	131	410	154	287	16	24
N. Y...	529	978	71	89	14	35
N. C...	626	2,256	1,895	5,825		
N. D...			77	96		
OHIO...	815	1,665	377	777	6	8
OKLA...	258	655	1,623	5,923	4	7
OREGON...	61	113	104	563	7	8
PENN...	216	333	123	241	6	9
R. I...	21	48	3	5	1	20
S. C...	214	977	1,082	5,051		
S. D...	18	31	119	212	10	12
TENN...	506	1,456	1,372	2,398	2	4
TEXAS...	795	1,685	5,271	18,466	12	71
UTAH...	109	192	87	137	2	2
VT...	13	31	4	10	2	6
VA...	491	969	1,304	3,159	5	12
WASH...	111	310	98	214	5	3
W. VA...	54	128	149	473	2	16
WIS...	111	187	105	168	4	5
WYO...			6	9	1	1
U. S...	16,278	52,419	35,345	137,005	361	1,163

MEAT PRODUCTS EXPORTED.

In the year 1914 meat products were exported to the value of \$137,737,493, which increased to \$259,064,321 in the year 1915, and increased again to the value of \$279,198,960 in the year 1916. The statement herewith is from the reports of the United States Department of Commerce.

	1914. Pounds.	1915. Pounds.	1916. Pounds.
Beef, canned	30,731,748	69,999,828	54,026,922
Bee, fresh...	31,422,465	268,813,397	181,979,031
Beef, pickled	23,779,449	42,749,813	36,681,148
Olgo Oil...	85,144,527	109,185,733	83,891,672
Oleomarg.	2,292,690	6,775,163	6,309,380
Tallow	9,088,066	26,563,075	15,333,957
Bacon...	184,267,850	524,138,245	592,617,529
Hams and S...	142,398,301	266,442,819	287,161,195
Lard...	438,015,898	451,286,439	426,659,590
Neut'l Lard	21,797,521	35,389,913	27,314,774
Pork, canned	2,786,415	7,928,914	7,263,042
Pork, fresh	1,250,977	24,230,183	55,172,868
Pork, pickled	37,006,108	59,047,397	55,148,024
Lard Comp.	63,355,911	63,869,985	49,821,709
Mutton...	3,847,093	4,230,928	5,157,883
Sausage...	5,092,436	13,345,189	11,998,350

In the year 1773 James Vaux, of Pennsylvania, imported clover seed from England because it was difficult to obtain the seed in America.

POP CORN, SWEET CORN AND GREEN PEAS.

The extent of acreage devoted to pop corn, sweet corn and to green peas, together with the number of farms engaged in each kind of industry, is presented herewith. The figures represent a normal year and were compiled by the United States Census.

State.	Pop Corn. Farms.	Acres.	Sweet Corn. Farms.	Acres.	Green Peas. Farms.	Acres.
ALA...	12	16	57	175	191	426
ARIZ...	1	2	37	106	21	37
ARK...	16	24	74	145	79	180
CALIF...	59	361	809	2,854	787	3,427
COLO...	24	97	342	950	101	654
CONN...	12	19	902	2,142	124	232
DEL...	3	3	272	1,341	384	1,234
D. C...			23	47	20	40
FLA...	1	1	130	275	259	613
GA...	50	93	229	444	265	933
IDAH...	9	13	64	115	24	95
ILL...	189	998	2,431	19,976	340	2,821
IND...	109	357	2,058	7,977	771	4,084
IOWA...	428	5,345	2,013	12,568	58	397
KAS...	193	520	1,423	3,653	55	257
KY...	15	19	409	1,103	411	678
LA...	67	89	251	1,218	86	182
MAINE...	8	11	3,549	8,693	158	257
MD...	9	17	2,630	18,387	1,179	6,030
MASS...	31	93	1,976	4,942	288	547
MICH...	200	362	2,433	5,726	926	4,548
MINN...	73	266	803	2,829	141	316
MISS...	4	6	51	112	257	435
MO...	87	226	1,174	2,858	97	301
MONT...			79	164	7	10
NEB...	213	2,167	851	3,167	5	7
NEV...			18	33	3	7
N. H...	8	16	267	589	26	33
N. J...	17	34	2,705	10,442	876	4,912
N. M...	1	7	2	11	12	16
N. Y...	188	344	6,584	23,739	4,501	16,992
N. C...	7	16	211	369	339	835
N. D...	4	9	75	141	6	10
OHIO...	172	439	4,501	17,298	538	2,000
OKLA...	54	98	240	548	32	46
OREGON...	14	54	211	457	60	116
PENN...	50	107	4,396	11,764	250	553
R. I...	4	4	317	790	76	205
S. C...	5	8	33	91	227	551
S. D...	31	31	194	579	6	82
TENN...	18	23	134	365	217	386
TEXAS...	52	93	167	418	311	742
UTAH...	8	16	75	120	138	323
VT...	8	48	285	1,110	26	39
VA...	10	18	751	2,101	1,053	2,292
WASH...	11	62	255	561	105	352
W. VA...	6	7	455	878	43	72
WIS...	54	184	936	3,789	1,340	11,182
WYO...			24	44		
Total.	2,523	12,773	48,514	178,224	17,219	70,487

RICE PRODUCTION OF 1917.

The final estimate of rice production of 1917 shows an increased acreage. A reduction of the production from 47 bushels per acre in 1916 to 37.6 bushels in 1917 brought about the decreased total crop.

State.	Planted Acres.	Yield Per Acre.	Production Bushels.
ALA...	400	27.0	12,000
ARK...	146,200	41.0	5,994,000
CALIF...	80,000	70.0	5,600,000
FLA...	800	24.0	21,000
GA...	900	30.0	27,000
LA...	500,000	36.5	18,250,000
MISS...	2,100	30.0	63,000
MO...	400	45.0	18,000
N. C...	300	26.0	8,000
S. C...	3,000	25.0	75,000
TEXAS...	230,000	27.0	6,210,000
U. S...	964,100	37.6	36,278,000

In the year 1785 was the first organization of American agricultural societies at Philadelphia, then the National Capital. George Washington, Benjamin Franklin and Timothy Pickering were prominent members.

In the year 1769 "Eclipse was first, the rest nowhere." For seventeen months Eclipse won every race, closing his career by walking over the Newmarket Course for the King's plate. His full speed was never tested, no horse ever having put it to the proof.

SMALL FRUIT FARMS.

In the United States, during the last census year, 1909, a total of 272,460 farms produced more or less small fruits, and on some farms more than one berry was raised. The farms reported as raising strawberries were 216,544; blackberries and dewberries, 141,157; raspberries and Loganberries, 116,929; cranberries, 3,910; currants, 62,093; gooseberries, 58,567; and other berries, 609. The total production was 426,565 quarts, and valued at \$29,974,481. Ten years previous the number of farms reporting were 309,770, and the production was 463,218,612 quarts.

The tabulated statement presented herewith represents the number of farms in each state growing different kinds of berries.

State.	1909.					
	Strawberries, Farms....	Blackberries, Farms....	Raspberries, Farms....	Cranberries, Farms....	Currants, Farms....	Gooseberries, Farms....
ALA.....	1,958	632	169	1	15	40
ARIZ.....	68	40	17	.....	10	4
ARK.....	3,869	1,430	449	4	58	391
CALIF.....	2,282	3,190	2,524	12	364	343
COLO.....	1,231	384	1,071	.....	1,049	842
CONN.....	2,260	555	943	105	570	130
DEL.....	3,625	650	237	.....	23	39
D.O.F.C.	16	2	.....	.....	3	1
FLA.....	1,011	210	8	.....	3	.....
GA.....	1,394	648	159	.....	36	10
IDAHO.....	1,605	500	2,086	.....	1,374	1,390
ILL.....	10,311	14,138	8,156	166	3,635	8,131
IND.....	5,433	5,216	4,104	3	2,690	4,088
IA.....	19,871	15,874	12,574	4	6,906	6,382
KAS.....	3,467	6,912	1,678	.....	829	1,923
KY.....	3,983	8,011	1,650	.....	295	1,336
LA.....	874	187	7	.....	.....	.....
ME.....	3,464	1,464	1,051	.....	536	1,076
MD.....	7,468	979	1,333	.....	366	365
MASS.....	4,654	1,368	1,506	1,350	1,536	330
MICH.....	16,798	4,707	11,075	91	3,458	1,637
MINN.....	9,420	848	4,890	264	3,053	1,807
MISS.....	785	672	100	.....	11	3
MO.....	13,429	22,971	5,631	103	1,672	9,091
MONT.....	619	129	361	1	654	350
NEB.....	3,425	1,982	1,128	.....	1,669	2,016
NEV.....	19	11	33	.....	79	99
N. J.....	6,086	2,153	1,450	414	377	348
N. H.....	1,594	322	657	238	838	139
N. M.....	54	54	50	1	74	125
N. Y.....	14,086	4,882	13,187	88	7,528	1,696
N. C.....	5,668	2,655	331	5	89	127
N. D.....	883	75	923	25	2,378	1,857
OKLA.....	8,799	4,207	6,175	25	2,861	2,098
ORE.....	1,182	6,220	387	.....	22	151
ORE.....	3,701	1,307	3,294	17	877	1,465
PENN.....	13,515	4,892	8,990	55	5,375	1,999
R. I.....	545	69	154	127	130	43
S. C.....	1,383	675	79	.....	30	5
S. D.....	1,836	112	519	7	1,448	1,271
TENN.....	6,046	3,884	830	.....	52	141
TEX.....	1,423	5,459	224	.....	49	11
UTAH.....	1,049	247	1,291	.....	1,043	851
VT.....	1,240	423	591	29	992	244
VA.....	4,651	1,586	1,121	2	205	239
WASH.....	4,323	1,818	3,617	4	1,287	1,199
W. VA.....	2,408	3,829	3,905	.....	658	781
WIS.....	12,084	2,272	6,132	229	3,853	1,841
WYO.....	146	6	80	.....	303	284

OUR EARLY EXPORTS.

When Alexander Hamilton was Secretary of State under George Washington as President, the exports of tobacco constituted 21.5 per cent. of all exports, and only second in importance to flour. This was in 1790.

English Mambrino, a grey horse, sire of Messenger, was foaled in 1768. Mambrino was a thoroughbred, and is the fountain head of the American trotter. His son, Messenger, was reputed as being the best horse ever brought to America.

In the year 1770 the popular Bartlett pear was originated in England, it being propagated by a nurseryman named Williams, but having been disseminated in this country by Enoch Bartlett, it thus acquired its new name.

The London Society For the Encouragement of Arts, Manufactures and Commerce called public attention to the existence and value of cotton-seed oil in 1783.

SMALL FRUITS, 1899 AND 1909.

The figures below are census figures, showing the total acreage in small fruits in all states, acreage 1899 and 1909, side by side, and production of small fruits in the last census year. No later figures are available, but we will get new figures when the census is taken next year.

State.	1899.		1909.	
	Acre.	Acres.	Production, Quarts.	
ALABAMA.....	761	1,232	1,907,193	
ARIZONA.....	79	76	112,190	
ARKANSAS.....	10,819	8,032	8,965,572	
CALIFORNIA.....	6,281	9,687	26,824,120	
COLORADO.....	2,347	2,829	4,294,988	
CONNECTICUT.....	1,987	1,597	3,823,522	
DELAWARE.....	10,599	8,687	14,425,209	
DIST. OF COL.....	82	12	24,109	
FLORIDA.....	1,348	1,356	2,396,573	
GEORGIA.....	1,634	988	1,262,155	
IDAHO.....	957	1,673	2,071,141	
ILLINOIS.....	16,794	11,723	13,602,676	
INDIANA.....	13,115	5,919	7,424,831	
IOWA.....	9,635	7,211	10,344,052	
KANSAS.....	5,824	5,400	5,477,274	
KENTUCKY.....	6,126	4,387	4,972,702	
LOUISIANA.....	1,408	3,587	6,420,207	
MAINE.....	1,585	1,260	2,285,415	
MARYLAND.....	17,522	16,595	26,277,054	
MASSACHUSETTS.....	8,346	9,552	29,260,143	
MICHIGAN.....	29,197	21,419	27,214,659	
MINNESOTA.....	3,092	3,738	4,476,575	
MISSISSIPPI.....	1,594	835	1,747,301	
MISSOURI.....	14,860	17,009	23,696,221	
MONTANA.....	554	562	766,791	
NEBRASKA.....	1,171	1,411	1,594,421	
NEVADA.....	53	37	50,287	
N. HAMPSHIRE.....	730	618	998,244	
NEW JERSEY.....	25,350	24,069	38,822,987	
NEW MEXICO.....	48	66	76,532	
NEW YORK.....	25,051	22,496	37,857,829	
N. CAROLINA.....	6,837	6,701	12,827,427	
N. DAKOTA.....	67	399	285,696	
OHIO.....	21,121	11,591	15,721,023	
OKLAHOMA.....	1,388	2,745	2,310,367	
OREGON.....	3,470	5,122	9,348,490	
PENNSYLVANIA.....	12,271	8,678	13,620,047	
R. ISLAND.....	581	281	437,560	
S. CAROLINA.....	591	856	1,408,099	
S. DAKOTA.....	161	419	401,295	
TENNESSEE.....	12,944	12,539	13,895,493	
TEXAS.....	3,052	5,033	6,182,742	
UTAH.....	1,052	1,416	818,395	
VERMONT.....	418	469	826,122	
VIRGINIA.....	8,796	7,295	11,342,980	
WASHINGTON.....	2,845	5,508	13,490,930	
W. VIRGINIA.....	1,994	2,913	2,336,563	
WISCONSIN.....	12,389	6,305	9,782,779	
WYOMING.....	37	106	96,833	
	309,770	272,460	426,565,863	

MARKETING WHEAT BY MONTHS.

One table below explains by quantity when the wheat crop is sold by farmers, and the other table shows the same result by percentage. We have taken some liberties with the government report to make it handier and fit the minds of the inquirers.

Estimated Amount Sold Monthly by Farmers (Mill- ions of Bushels).	Per Cent. of Year's Sales.			
	1913, 1914.	1915, 1916.	1917, 1918.	1919, 1920.
JAN.....	38	44	41	58
FEB.....	31	32	46	58
MCH.....	22	28	26	32
APR.....	22	19	37	33
MAY.....	25	23	22	40
JUNE.....	25	25	17	31
JULY.....	54	108	141	60
AUG.....	88	88	106	49
SEPT.....	104	94	125	122
OCT.....	103	85	100	123
NOV.....	69	64	83	105
DEC.....	55	50	60	94

Total 635 660 804 850 100.0 100.0 100.0 100.0

A cotton mill, driven by water, with ginning, carding and other machines, also spinning machines with eighty-four spindles each, was put in operation at Statesburg, S. C., in the year 1790.

In the year 1785 Robert Ransome, of Ipswich, England, introduced plows with cast-iron shares.

BARLEY ON FARMS.

This is a statement by the United States Department of Agriculture, showing the quantity of barley remaining on farms, March 1, 1917, 1918 and 1919.

State.	Bushels. 1917.	Bushels. 1918.	Bushels. 1919.
ALA.			
ARIZ.	90,000	81,000	102,000
ARK.			
CALIF.	2,999,000	4,698,000	6,864,000
COLO.	1,126,000	1,497,000	1,478,000
CONN.			
DEL.			
FLA.			
GA.			
IDAHO.	1,260,000	863,000	1,029,000
ILL.	307,000	1,365,000	2,790,000
IND.	69,000	267,000	333,000
IOWA.	1,566,000	2,730,000	3,969,000
KAS.	1,800,000	900,000	1,510,000
KY.	16,000	21,000	24,000
LA.			
ME.	37,000	32,000	90,000
MD.	35,000	19,000	41,000
MASS.			
MICH.	4 16,000	581,000	2,250,000
MINN.	5,748,000	7,574,000	16,058,000
MISS.			
MO.	10,000	30,000	50,000
MONT.	665,000	216,000	766,000
NEB.	924,000	1,919,000	962,000
NEV.	49,000	92,000	61,000
N. H.	2,000	8,000	10,000
N. J.			
N. M.	46,000	73,000	78,000
N. Y.	461,000	832,000	1,221,000
N. C.			
N. D.	6,150,000	5,019,000	14,167,000
OKLA.	5,000	6,000	20,000
OREGON.	1,078,000	1,003,000	890,000
S. C.			
S. D.	3,746,000	7,556,000	14,868,000
OHIO.	128,000	480,000	724,000
PENN.	45,000	55,000	84,000
R. I.			
TENN.	19,000	5,000	18,000
TEXAS.	8,000	4,000	2,000
UTAH.	184,000	317,000	235,000
VT.	82,000	151,000	129,000
VA.	33,000	36,000	75,300
WASH.	1,022,000	937,000	658,000
W. VA.			
WIS.	2,928,000	4,800,000	9,899,000
WYO.	190,000	252,000	444,000
U. S.	33,244,000	44,419,000	81,899,000

BUCKWHEAT CROP OF 1918.

State.	Planted, Acres.	Per Cent.	Pro- duction, Bushels.
CONN.	3,000	108	59,000
DEL.	3,000	105	57,000
ILL.	4,000	101	79,000
IND.	14,000	135	235,000
IOWA.	16,000	150	250,000
MAINE.	16,000	110	454,000
MD.	11,000	102	201,000
MASS.	2,000	105	34,000
MICH.	77,000	103	1,063,000
MINN.	11,000	100	201,000
MISS.	6,000	95	68,000
NEB.	2,000	100	40,000
N. H.	2,000	110	52,000
N. J.	17,000	105	293,000
N. Y.	330,000	100	5,577,000
N. C.	14,000	115	274,000
OHIO.	26,000	105	499,000
PENN.	368,000	105	7,392,000
TENN.	4,000	112	70,000
VT.	14,000	110	310,000
VA.	33,000	101	743,000
W. VA.	47,000	104	1,092,000
WIS.	25,000	108	430,000
U. S.	1,045,000	104	19,473,000
Latest.	1,040,000	104	17,182,000

ORIGINAL MORGAN HORSE.

Justin Morgan, a famous horse, parent sire of Morgan horses, was foaled in the year 1789 at Springfield, Mass.; died in 1821; was moved to Randolph, Vt. Justin Morgan was descended from the British thoroughbred, also from Arabians and Turks. No Morgan horse can be registered without one sixty-fourth of his blood in the male line.

The Mango reached the West Indies from Brazil in 1782 and soon became naturalized.

ALFALFA GROWING RECORDS.

The progress in growing alfalfa is well shown by the increase from 2,094,011 acres in 1899 to 4,707,146 acres in alfalfa in 1909, when the last census was taken. The crop increased from 5,220,671 tons in 1899 to 11,859,881 tons in 1909. The average yield in 1909 was 2.52 tons per acre, and 283,012 farms reported growing alfalfa.

State.	1899, Acreage.	1909, Acreage.	1899, Tons.	1909, Tons.
ALA.	272	6,987	343	8,906
ARIZ.	62,585	66,102	137,270	194,534
ARK.	2,278	15,929	4,444	33,231
CAL.	298,898	484,134	838,730	1,639,707
COLO.	455,237	508,892	1,107,471	1,265,915
CONN.	153	516	204	731
DEL.	173	205	211	580
D. C.		28		108
FLA.		49		63
GA.	37	545	83	1,079
IDA.	160,029	308,892	425,706	964,529
ILL.	9,290	18,344	9,572	52,284
IND.	844	17,898	1,266	40,320
IOWA.	2,298	29,143	6,252	84,569
KAS.	267,376	956,962	601,624	1,998,689
KY.	805	20,229	1,056	37,978
LA.	2,365	12,073	4,156	28,146
ME.	93	174	108	218
MD.	144	3,188	182	6,806
MASS.	96	232	102	394
MICH.	1,087	6,553	1,366	13,872
MINN.	658	2,238	1,781	6,314
MISS.	99	9,245	201	16,710
MO.	2,239	35,478	5,409	96,105
MONT.	68,959	224,226	186,498	599,747
NEB.	115,142	685,282	275,334	1,522,136
NEV.	96,725	90,151	224,331	238,383
N. H.	26	47	36	97
N. J.	194	1,386	205	3,251
N. M.	55,467	102,650	154,973	265,622
N. Y.	5,582	35,343	13,002	87,042
N. C.	243	735	392	1,394
N. D.	334	3,033	479	5,638
OHIO.	2,799	29,439	3,944	70,126
OKLA.	16,062	206,825	30,108	321,675
ORE.	53,612	120,427	145,875	375,445
PENN.	52	4,335	72	9,154
R. I.				78
S. C.	18	138	31	328
S. D.	13,029	66,183	28,265	153,906
TENN.	654	5,323	1,173	10,600
TEX.	18,999	55,332	33,394	97,936
UTAH.	268,229	284,182	681,515	791,355
VT.	38	252	45	515
VA.	349	3,126	521	7,203
WASH.	35,166	94,900	118,559	357,595
W. VA.	123	696	198	1,406
WIS.	460	17,986	838	49,794
WYO.	74,688	170,431	173,344	397,669
Total.	2,094,011	5,220,671	4,707,146	11,859,881

(This statement will not appear again.)

PULVERIZED LIMESTONE.

Pulverized limestone continues to be in favor as a soil sweetener, according to reports from producers to G. F. Loughlin, of the United States Geological Survey, Department of the Interior. The states contributing 73 per cent. of the quantity and 75 per cent. of the value of pulverized stone to the trade in 1916 were as follows:

State.	Quantity, (Short Tons).	Value.
NEW YORK.	102,608	\$164,237
ILLINOIS.	203,829	135,908
PENNSYLVANIA.	73,301	129,574
VIRGINIA.	146,703	106,166
NORTH CAROLINA.	53,532	77,101
WEST VIRGINIA.	47,709	74,865
TENNESSEE.	66,854	64,910
OHIO.	55,236	54,591
VERMONT.	27,489	54,535

Twenty-three other states contributed to the total. The average price per ton was \$1.08 in 1916, two cents less than in 1915.

FIVE-THOUSAND-DOLLAR BULL.

"Favorite," a Shorthorn bull, was calved in 1793, was an inbred bull and was used to inbreed to an extraordinary extent. His son by his own dam, the bull "Comet" was the first of the Shorthorn breed to sell at \$5,000.

As early as the year 1788 the American scarlet rose-mallow, said by Meehan to be "the most gorgeous of all the plants indigenous to the United States," was mentioned in Walter's "Flora Caroliniana."

PECAN TREES AND PRODUCTION.

In the year 1899 the pecan production of the United States was 3,206,850 pounds, and in the year 1909 the output increased to 9,890,769 pounds. In the year 1910 we had a total of 1,619,521 trees of bearing age and 1,685,066 trees not of bearing age. Farms reporting bearing trees were 37,549, and 43,944 had trees not of bearing age. In pecan production Texas is away in the lead, but there are other states increasing the number of trees.

State.	1910. Trees of Bearing Age.	1910. Trees Not of Bearing Age.	Pro- duc- tion, Pounds.	Value, Dollars.
ALA.....	44,683	125,734	228,341	30,540
ARIZ.....	64	212	1,075	131
ARK.....	13,958	13,811	249,955	17,603
CALIF....	4,226	2,793	44,955	4,632
COLO.....	5	50	.....	.....
CONN.....	5	1,601	150	7
DEL.....	136	48	85	13
FLA.....	42,512	176,207	307,632	43,962
GA.....	75,519	325,779	354,046	47,845
IDAHO....	20	27	.....	.....
ILL.....	28,330	8,223	107,069	10,301
IND.....	4,883	946	19,287	1,940
IA.....	247	118	1,890	59
KAS.....	27,716	2,797	20,583	1,462
KY.....	2,399	2,301	28,577	2,887
LA.....	36,527	119,547	723,578	70,635
ME.....	3	.....	100	20
MD.....	172	460	1,717	85
MASS.....	.....	1	.....	.....
MICH.....	39	4	1,600	75
MINN.....	6	35	25	5
MISS.....	60,524	148,030	637,293	79,930
MO.....	48,822	7,214	147,420	10,407
NEB.....	181	191	695	31
NEV.....	16	13	.....	.....
N. J.....	22	52	120	7
N. M.....	31	1,468	53	5
N. Y.....	5	26	.....	.....
N. C.....	6,876	20,781	74,861	8,194
N. D.....	.....	3	.....	.....
OHIO.....	81	308	1,010	70
OKLA.....	96,766	53,796	894,172	59,481
ORE.....	62	965	1,010	78
PENN.....	554	463	14,885	532
R. I.....	6	1	.....	.....
S. C.....	33,366	4,369	159,823	20,442
S. D.....	43	34	6	1
TENN.....	2,037	3,309	25,581	2,566
TEX.....	1,087,619	621,550	5,832,367	556,203
UTAH.....	35	12	.....	.....
VT.....	1	4	.....	.....
VA.....	868	2,331	10,568	1,336
WASH.....	34	140	.....	.....
W. VA.....	126	6	240	16
Total..	1,619,521	1,685,066	9,890,769	971,596

PRODUCTION OF PEANUTS.

If all the farm crops made as good showing there would be plenty to eat in the country. The increase in acreage is from 516,654 in 1899 to 869,887 in the year 1909. The increase in production is from 11,964,109 bushels in 1889 to 19,415,816 bushels in 1909. In the year 1889 only 133,900 farms reported raising peanuts, but in 1909 there were 218,998 farms on which peanuts were produced. The table presented herewith shows acreage and production for two census years. Next year we will get another census.

State.	1899. Acreage.	1899. Bushels.	1909. Acreage.	1909. Bushels.
ARIZ.....	4	234	9	345
ARK.....	5,223	78,237	10,192	168,608
CALIF....	433	15,461	99	2,991
COLO.....	5	138	2	7
DEL.....	2	23	25	202
FLA.....	64,452	967,927	126,150	2,315,089
GA.....	100,589	1,435,775	160,317	2,569,787
IDAHO....	.....	.....	1	20
ILL.....	49	879	109	1,792
IND.....	11	199	18	624
IA.....	7	127	13	359
KAS.....	225	4,516	48	2,047
KY.....	92	1,405	79	1,735
LA.....	3,107	45,713	25,020	412,037
ME.....	1	22	.....	.....
MD.....	7	143	1	5
MASS.....	.....	3	.....	10
MICH.....	.....	.....	64	1,111
MINN.....	.....	.....	1	15
MISS.....	5,853	95,738	13,977	284,791
MO.....	271	6,679	130	3,220
NEB.....	11	221	1	93
NEV.....	.....	151	.....	.....
N. H.....	.....	2	.....	.....
N. J.....	.....	7	1	16
N. M.....	1	10	126	1,375
N. Y.....	.....	.....	6	132
N. C.....	95,850	3,460,439	195,134	5,980,919
N. D.....	.....	.....	10	101
OHIO.....	1	20	.....	31
OKLA.....	2,205	50,428	1,564	31,880
ORE.....	.....	25	3	206
PENN.....	2	77	.....	4
R. I.....	.....	.....	.....	.....
S. C.....	7,162	131,710	7,596	154,822
S. D.....	.....	.....	.....	10
TENN.....	19,534	747,668	18,952	547,240
TEX.....	10,734	184,860	64,327	1,074,998
UTAH.....	2	.....	.....	10
VA.....	116,914	3,713,347	145,213	4,284,340
WASH.....	.....	15	.....	.....
W. V.....	11	199	.....	64
WIS.....	.....	.....	70	945
WYO.....	1	3	.....	.....
Total..	516,654	11,964,109	869,887	19,415,816

THE RICE CROP OF 1918.

The rice crop acreage during the war period increased from 694,000 acres in 1914 to 1,120,400 acres in 1918. The production increased correspondingly. The average production per acre also increased, and was the largest in 1916.

State.	Planted, Acre.	Per Cent. of 1917.	Pro- duction, Bushels.
ALA.....	600	150	15,000
ARK.....	172,500	118	6,818,000
CALIF....	108,000	135	6,388,000
FLA.....	1,200	150	32,000
GA.....	1,200	133	30,000
LA.....	580,000	116	19,262,000
MISS.....	3,000	143	75,000
MO.....	500	120	21,000
N. C.....	500	167	10,000
S. C.....	4,500	150	103,000
TEXAS....	248,000	108	9,166,000
U. S.....	1,120,400	116	41,918,000
Latest....	1,112,770	116	40,424,000

TROTTING AS A SPORT.

According to Dr. Elwood Harvey, in an essay on the American trotting horse, trotting as a sport began in England in the year 1791. He mentions an account of a brown mare, eighteen years old, that trotted sixteen miles on the Essex Road in fifty-eight minutes.

About the year 1790, in Germany, owing to the fact that cows were largely used as work animals, the average milk production per cow in that country was a pint and a half a day.

SCOTTISH AGRICULTURE.

The Board of Scottish Agriculture has issued a preliminary statement showing the estimated yield of wheat, barley, oats and hay in Scotland in the year 1917, with comparative figures for 1916:

Area.		Total Produce.	
1916.	1917.	1916.	1917.
Acres.	Acres.	Bushels.	Bushels.
WHEAT.			
63,083	60,932	2,264,000	2,432,000
BARLEY.			
169,735	159,134	5,176,000	5,640,000
OATS.			
990,589	1,041,343	36,224,000	43,576,000
ROTATION GRASS.			
Acres.	Acres.	Long Tons.	Long Tons.
420,099	421,502	760,000	657,000
PERMANENT GRASS.			
114,787	112,758	178,000	141,000
TIMOTHY.			
44,436	47,594	97,000	103,000

The New York Society For the Promotion of Agriculture, Arts and Manufactures was organized on February 16, 1791.

In 1791 four Spanish Merino rams were received into the United States, one ram supposed to have been used in the vicinity of Delaware until 1808.

Production of Grapes.

The production of grapes increased from 1,300,984,097 pounds in the year 1899 to 2,571,065,205 pounds in 1909. In the year 1910, when the census was taken, there were 223,701,522 vines of bearing age and 59,928,644 vines not of bearing age. The tabulated statement herewith shows the vines and production in all the states.

State.	1910.		Production, Pounds.
	Vines of Bearing Age.	Vines Not of Bearing Age.	
ALA...	287,431	71,105	1,723,490
ARIZ...	131,579	84,510	837,842
ARK...	805,921	177,624	2,593,727
CALIF.	144,097,670	39,526,319	1,979,686,525
COLO...	254,292	101,332	1,037,614
CONN...	107,054	61,670	1,317,682
DEL...	260,963	98,590	1,938,267
D. C...	5,196	200	28,530
FLA...	20,962	8,830	1,086,344
GA...	277,658	38,233	2,767,366
IDAHO	68,269	124,806	604,227
ILL...	2,170,340	287,734	16,582,785
IND...	1,049,232	149,441	12,817,353
IOWA...	1,983,465	446,126	11,708,336
KAS...	2,889,895	313,002	6,317,684
KY...	605,002	77,626	3,680,182
LA...	31,041	20,936	106,595
ME...	9,731	1,944	231,529
MD...	138,801	44,690	2,152,382
MASS...	58,277	14,261	1,132,833
MICH...	11,013,576	1,869,648	120,695,997
MINN...	61,916	35,950	293,805
MISS...	77,012	34,870	760,563
MO...	3,026,526	486,044	17,871,816
MONT...	986	1,121	370
NEB...	1,221,736	380,788	4,752,217
NEV...	26,607	7,941	376,205
N. H...	15,802	3,016	375,164
N. J...	1,603,280	558,945	6,501,221
N. M...	250,076	122,367	425,415
N. Y...	31,802,097	3,801,800	253,006,361
N. C...	411,278	120,208	15,116,920
N. D...	379	1,464	360
OHIO...	8,326,800	455,750	43,933,207
OKLA...	2,388,213	447,489	3,762,727
ORE...	381,302	468,598	3,206,871
PENN...	5,271,264	8,252,811	34,020,198
R. I...	7,662	9,634	125,937
S. C...	79,708	19,704	2,016,506
S. D...	38,047	46,891	144,634
TENN...	338,758	76,040	1,979,480
TEX...	712,201	297,869	1,802,618
UTAH...	204,445	94,043	1,576,363
VT...	9,318	1,845	203,011
VA...	424,701	136,026	4,108,694
WASH...	322,007	371,733	1,704,005
W. VA...	284,074	76,465	3,224,751
WIS...	148,348	63,098	701,329
WYO...	74	1,147	159
Total.	223,701,522	59,928,644	2,571,065,205

Potatoes and Sugar Beets.

Year.	Potatoes.		Sweet Potatoes.		Sugar Beets.	
	Acres.		Acres.		Acres.	
1909.....	3,669,000		641,000		364,000	
1910.....	3,720,000		641,000		398,000	
1911.....	3,619,000		605,000		474,000	
1912.....	3,711,000		583,000		555,000	
3 Years.....	11,050,000		1,829,000		1,427,000	
1913.....	3,668,000		625,000		580,000	
1914.....	3,711,000		603,000		483,000	
1915.....	3,734,000		731,000		611,000	
3 Years.....	11,113,000		1,959,000		1,674,000	
3 Years.....	3,565,000		774,000		665,000	
1917.....	4,390,000		953,000		665,000	
1918.....	4,113,000		959,000		690,000	
3 Years.....	12,068,000		2,686,000		2,020,000	

The first mail coach in history started from London to Bristol, in England, in the year 1784.

The Production of Strawberries.

The tabulation herewith is what we call foundation information, being a statement of the production of strawberries ten years apart. The census of 1900 showed that in the year 1899 151,363 acres were devoted to raising strawberries and the production was 257,427,103 quarts. Ten years later, in 1909, the area devoted to producing strawberries was reduced to 143,045 and the production was 255,702,035 quarts. Since the census year, all we have on strawberries are the estimates of the Agricultural Department in important strawberry-growing states.

State.	1899.		1909.	
	Acres.	Quarts.	Acres.	Quarts.
ALA...	607	804,480	1,167	1,848,537
ARIZ...	60	109,550	58	95,247
ARK...	9,611	12,667,740	7,361	8,259,240
CAL...	2,418	7,690,830	4,585	15,694,326
COLO...	1,067	2,221,240	1,326	1,674,923
CONN...	971	2,569,120	993	3,016,295
DEL...	6,344	10,498,640	7,194	12,730,265
D. C...	50	84,480	10	18,709
FLA...	1,315	1,731,730	1,343	2,383,397
GA...	1,423	1,385,728	890	1,157,472
IDA...	239	379,630	698	953,793
ILL...	7,113	13,151,330	5,410	8,031,821
IND...	4,714	9,669,710	2,574	3,759,132
IA...	2,335	3,164,320	2,917	5,330,105
KAS...	2,304	3,321,650	1,719	2,119,048
KY...	4,128	6,767,800	1,553	2,114,929
LA...	1,395	1,841,800	3,570	6,405,236
ME...	512	1,066,860	698	1,626,250
MD...	13,980	24,035,640	14,292	23,611,095
MASS...	2,027	4,997,240	2,015	5,518,867
MICH...	10,837	18,381,340	8,051	14,218,768
MINN...	1,302	2,506,020	1,873	2,730,099
MISS...	1,383	1,546,570	772	1,345,013
MO...	7,498	13,018,460	9,048	15,171,034
MONT...	281	532,260	265	406,038
NEB...	369	408,350	562	684,061
NEV...	14	16,440	3	11,189
N. H...	307	568,640	310	638,057
N. J...	8,746	13,274,120	8,684	18,767,473
N. M...	9	17,400	20	35,634
N. Y...	7,311	13,849,860	6,382	15,945,863
N. C...	5,616	10,674,610	5,420	10,313,361
N. D...	3	4,040	88	66,028
OHIO...	9,373	17,916,080	4,706	8,501,065
OKLA...	626	670,540	825	830,404
ORE...	1,792	3,837,820	2,941	5,322,040
PENN...	5,667	10,179,430	4,136	9,033,904
R. I...	154	381,870	140	326,540
S. C...	499	845,695	815	1,337,208
S. D...	62	65,430	226	238,164
TENN...	11,543	13,683,840	10,761	12,339,584
TEX...	1,361	2,344,220	2,161	4,207,056
UTAH...	345	663,190	719	1,832,796
VT...	232	598,020	276	615,820
VA...	7,821	12,270,300	6,606	10,761,381
WASH...	1,233	2,572,830	3,283	7,683,774
W. VA...	799	1,068,800	709	812,049
WIS...	3,508	7,343,740	2,863	5,188,117
WYO...	19	19,920	24	20,895
Total	151,363	257,427,103	143,045	255,702,035

MARKETINGS BY PERCENTAGE.

Month.	Per Cent. of Year's Sales.				
	1917-	1916-	1915-	1914-	1913-
July.....	18.	17.	16.	15.	14.
August.....	5.3	6.2	5.6	8.9	5.8
September...	4.0	7.1	5.9	7.1	8.8
October.....	3.4	5.9	6.4	4.7	4.5
November...	3.8	5.8	6.0	4.7	7.9
December...	8.8	14.0	10.4	14.7	17.8
January.....	12.2	12.5	15.9	16.8	21.4
February...	14.2	15.5	11.7	19.8	10.7
March.....	16.1	9.0	12.4	7.8	7.1
April.....	13.7	7.0	7.1	4.6	6.3
May.....	7.1	5.4	6.4	5.6	4.4
June.....	5.6	6.5	6.3	4.4	6.2
Season.....	5.8	6.0	5.9	5.9	4.6
Season.....	100.0	100.0	100.0	100.0	100.0

The first English veterinary college was established in London in 1791.

Blackberries and Dewberries.

Herewith we present the United States census figures ten years apart, showing the production of blackberries and dewberries. There is the enumeration for the year 1899, when on 50,211 acres the production was 62,189,855 quarts, and in the year 1909, when on 49,004 acres the production was 55,343,570 quarts. Missouri, New Jersey and California are the largest producers of this class.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA....	104	98,500	58	44,954
ARIZ....	9	8,690	16	13,808
ARK....	769	969,290	525	587,977
CALIF..	1,960	4,159,131	2,576	4,898,524
COLO....	195	216,020	228	227,598
CONN....	477	275,310	128	192,752
DEL....	2,935	1,976,810	1,256	1,403,977
D.C.OF C.	10	12,720	.....	1,700
FLA....	13	15,210	13	12,817
GA....	143	144,060	67	67,285
IDAHO..	87	117,140	170	249,984
ILL....	5,032	7,294,990	3,503	291,473
IND....	3,192	5,255,840	1,347	1,482,909
IA....	1,719	1,966,070	2,279	2,733,728
KAS....	2,044	1,857,514	2,682	2,535,918
KY....	1,024	1,068,340	2,141	2,165,547
LA....	9	10,170	16	14,332
ME....	123	164,300	145	153,816
MD....	1,501	1,713,680	1,180	1,372,161
MASS....	365	522,860	287	307,987
MICH....	4,385	5,324,110	2,973	3,075,954
MINN....	162	192,010	145	139,741
MISS....	84	97,030	58	53,735
MO....	4,441	5,121,860	5,975	6,391,209
MONT....	18	17,970	34	36,321
NEB....	152	167,840	428	501,872
NEV....	4	5,410	1	1,073
N. H....	65	105,290	67	75,913
N. J....	5,254	3,918,320	4,332	5,456,789
N. M....	3	2,940	10	10,089
N. Y....	2,060	3,167,090	1,951	2,509,851
N. C....	1,073	1,089,290	1,233	2,464,065
N. D....	1	860	2	3,404
OHIO....	3,397	4,905,430	2,425	2,465,407
OKLA....	683	714,880	1,792	1,366,497
ORE....	717	1,310,920	431	915,744
PENN....	1,382	1,995,070	1,235	1,063,257
R. I....	17	23,600	16	17,875
S. C....	39	50,960	38	64,754
S. D....	5	4,880	5	6,033
TENN....	723	839,210	1,514	1,316,100
TEX....	2,394	2,701,750	2,773	1,868,119
UTAH....	72	80,110	95	184,140
VT....	48	84,990	47	56,252
VA....	444	582,830	344	275,551
WASH....	388	803,340	769	2,340,770
W. VA....	367	396,850	1,292	803,498
WIS....	411	644,880	407	498,119
WYO....	.....	480	.....	149
Total	50,211	62,189,885	49,004	55,343,570

MONTHLY MARKETINGS OF OATS BY FARMERS.

Estimated Amount Sold Monthly by Farmers of the United States (Millions of Bushels).					
	1917-	1916-	1915-	1914-	1913-
Month.	18.	17.	16.	15.	14.
July.....	24	31	23	35	29
August.....	82	87	53	64	57
September....	67	51	59	55	44
October.....	56	40	57	40	33
November....	38	30	48	27	22
December....	39	21	47	23	24
January.....	42	28	33	26	18
February....	40	20	36	19	21
March.....	35	20	23	15	19
April.....	33	14	21	13	10
May.....	20	17	28	10	18
June.....	24	16	22	13	20
Season.....	500	375	450	340	315

Mr. John Ellman, of Glynde Farm, near Lews, in Sussex, England, commenced the breeding and improvement of Southdown sheep in the year 1780 and continued fifty-two years.

Raspberries and Loganberries.

This basic tabulation is historical and gives in detail by states the acreage devoted to the production of raspberries and Loganberries ten years apart. It is the only positive information of any value that is available. In the year 1899 the area was 60,916 acres, producing 76,628,107 quarts; ten years later the area was reduced to 48,668 and the crop was 60,918,196 quarts. In 1919 another count will be made by the census enumerators. The value of the crop in 1909 was estimated at \$5,132,277.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA....	13	14,390	11	10,546
ARIZ....	2	1,450	1	1,550
ARK....	345	348,450	123	96,414
CALIF..	987	1,446,190	1,992	5,225,117
COLO....	689	817,450	801	1,659,785
CONN....	366	503,210	289	384,256
DEL....	1,280	1,147,120	223	276,871
D. C....	12	15,582	.....	700
FLA....	5	5,670	.....	213
GA....	43	41,750	29	33,928
IDAHO..	230	257,960	496	575,209
ILL....	2,900	3,458,000	1,945	1,834,337
IND....	3,277	4,210,900	1,412	1,595,921
IA....	3,394	3,604,210	1,573	1,728,547
KAS....	957	820,330	713	616,035
KY....	755	787,820	564	558,529
LA....	.....	110	1	639
ME....	131	214,700	127	154,121
MD....	1,385	1,450,250	846	959,369
MASS....	413	558,010	388	376,136
MICH....	10,193	12,119,400	8,786	8,381,943
MINN....	1,115	1,252,930	1,388	1,340,469
MISS....	49	56,020	5	7,806
MO....	1,660	1,940,850	1,331	1,563,527
MONT....	80	110,795	113	165,473
NEB....	230	232,580	247	265,183
NEV....	7	11,220	9	17,841
N. H....	80	124,760	85	86,558
N. J....	2,240	2,506,730	1,744	2,143,877
N. M....	9	8,930	12	10,222
N. Y....	12,376	17,575,530	11,057	14,751,940
N. C....	69	78,050	40	37,764
N. D....	12	13,700	85	60,742
OHIO....	6,795	8,745,950	3,869	4,029,480
OKLA....	43	55,180	85	74,104
ORE....	479	783,060	1,460	2,644,948
PENN....	3,938	5,360,530	2,594	2,906,302
R. I....	57	83,300	34	32,871
S. C....	4	4,150	2	4,955
S. D....	21	19,030	66	60,285
TENN....	471	448,170	253	222,331
TEX....	103	123,640	104	97,652
UTAH....	284	426,000	374	758,317
VT....	92	176,440	80	85,063
VA....	365	424,110	276	257,322
WASH....	625	1,134,970	1,210	3,118,720
W. VA....	704	788,360	847	648,174
WIS....	6	2,314,920	964	1,053,889
WYO....	1,616	5,220	14	15,213
Total	60,916	76,628,107	48,668	60,918,196

MARKETINGS BY PERCENTAGE.

Per Cent. of Year's Sales.					
OATS.	1917-	1916-	1915-	1914-	1913-
Month.	18.	17.	16.	15.	14.
July.....	4.7	8.3	5.1	10.4	9.3
August.....	16.4	23.3	11.8	18.7	18.2
September....	13.5	13.5	13.0	16.3	13.9
October.....	11.1	10.7	12.7	11.7	10.5
November....	7.7	8.0	10.6	7.9	6.8
December....	7.8	5.7	10.5	6.9	7.6
January.....	8.3	7.5	7.4	7.6	5.6
February....	8.0	5.3	8.0	5.6	6.7
March.....	7.1	5.2	5.0	4.4	5.9
April.....	6.5	3.8	4.6	3.7	3.3
May.....	4.0	4.4	6.3	3.1	5.8
June.....	4.9	4.3	5.0	3.7	6.4
Season.....	100.0	100.0	100.0	100.0	100.0

President Stiles, of Yale, wore at the commencement exercises in 1788 a silk gown from material made and woven in Connecticut.

Production of Gooseberries.

Gooseberries are grown generally without any one state being far ahead of others, but the production had decreased when the last census was taken. In 1899 there were 6,752 acres, producing 9,320,530 quarts; but in 1903, when another count was taken, the area was reduced to 4,765 acres, producing 5,282,843 quarts. In 1899, Indiana and Iowa were the greatest producers, whereas in the later year Illinois and Missouri lead with considerable less production.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA.....	2	1,890	1	2,452
ARIZ.....	2	1,220	.....	575
ARK.....	29	43,970	19	18,168
CALIF.....	133	195,670	74	145,119
COLO.....	122	133,750	192	247,956
CONN.....	7	8,010	9	9,023
DEL.....	24	31,750	11	12,123
DIST. OF C.	1	1,090	.....	1,000
FLA.....	.....	70	.....	1,102
GA.....	2	1,900	142	130,987
IDAHO.....	190	197,540	142	130,987
ILL.....	491	779,750	603	541,498
IND.....	617	1,077,840	274	320,063
IA.....	777	975,890	189	233,541
KAS.....	212	269,860	188	138,773
KY.....	99	114,590	115	118,333
LA.....	.....	50	.....	65,867
ME.....	30	41,230	59	300,321
MD.....	234	322,140	241	57,827
MASS.....	30	46,390	42	403,680
MICH.....	559	673,360	297	60,661
MINN.....	112	128,250	71	285
MISS.....	1	590	1	470,029
MO.....	731	865,870	555	35,896
MONT.....	51	115,390	35	82,086
NEB.....	192	189,680	88	11,355
NEV.....	8	13,690	11	5,841
N. H.....	4	3,540	5	221,337
N. J.....	102	124,160	155	14,800
N. M.....	12	11,680	17	331,135
N. Y.....	190	304,750	259	5,831
N. C.....	25	30,340	5	56,801
N. D.....	10	11,690	86	255,840
OHIO.....	539	767,760	226	8,276
OKLA.....	10	9,250	7	307,395
ORE.....	203	326,780	186	109,104
PENN.....	267	366,930	139	8,251
R. I.....	5	5,820	8	183
S. C.....	.....	420	.....	43,403
S. D.....	25	29,270	55	13,740
TENN.....	114	150,620	9	5,042
TEX.....	1	760	9	147,241
UTAH.....	110	173,460	100	7,424
VT.....	3	4,500	6	23,447
VA.....	66	75,140	22	143,264
WASH.....	211	356,570	114	35,632
W. VA.....	59	66,400	30	107,708
WIS.....	177	265,590	82	21,513
WYO.....	3	3,680	27	.....
Total....	6,752	9,320,530	4,765	5,282,843

Corn, Oats and Barley.

The following table shows acreage planted since the year 1909:

Year.	Corn, Acres.	Oats, Acres.	Barley, Acres.
1909.....	98,383,000	35,159,000	7,699,000
1910.....	104,035,000	37,548,000	7,743,000
1911.....	105,825,000	37,763,000	7,627,000
1912.....	107,083,000	37,917,000	7,530,000
3 Years...	316,943,000	113,228,000	22,900,000
1913.....	105,820,000	38,399,000	7,499,000
1914.....	103,435,000	38,442,000	7,565,000
1915.....	106,197,000	40,996,000	7,148,000
3 Years...	315,452,000	117,837,000	22,212,000
1916.....	105,296,000	41,527,000	7,757,000
1917.....	119,755,000	43,572,000	8,835,000
1918.....	113,835,000	44,475,000	9,108,000
3 Years...	338,886,000	129,574,000	25,700,000

Currant-Growing Industry.

Nearly every state in the Union grows a few currants, but only one state in the last census year produced over a million quarts, whereas ten years previous eight states did so. In the year 1899 12,865 acres were devoted to growing currants, and the production was 18,592,695 quarts. Ten years later, in the year 1909, the area devoted to currants was reduced to 7,862 acres and the total production was reduced to 10,448,532 quarts.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA.....	2	2,060	.....	548
ARIZ.....	2	3,280	.....	1,010
ARK.....	5	6,990	4	3,201
CALIF.....	724	1,031,100	407	852,378
COLO.....	226	204,480	282	493,726
CONN.....	175	245,990	54	74,488
DEL.....	12	12,600	3	2,973
D. OF C.	6	5,040	1	9,023
FLA.....	.....	.....	.....	146
GA.....	5	6,740	1	2,320
IDAHO.....	181	218,580	167	161,230
ILL.....	640	842,000	252	265,898
IND.....	577	1,044,025	165	208,049
IA.....	1,017	1,226,560	253	317,637
KAS.....	134	130,210	98	67,005
KY.....	15	19,370	14	15,139
LA.....	.....	50	.....	.....
ME.....	31	37,080	80	76,031
MD.....	65	63,460	36	34,009
MASS.....	190	255,580	243	213,810
MICH.....	2,286	2,721,070	609	768,259
MINN.....	259	311,950	200	182,825
MISS.....	.....	230	.....	362
MO.....	194	233,730	92	91,207
MONT.....	120	252,860	115	123,031
NEB.....	161	162,880	86	90,779
NEV.....	16	25,670	11	8,824
N. H.....	24	34,060	42	43,319
N. J.....	158	264,740	124	161,223
N. M.....	10	14,340	7	5,523
N. Y.....	2,594	4,584,080	2,557	3,982,389
N. C.....	28	32,360	3	5,382
N. D.....	36	35,440	138	97,598
OHIO.....	765	1,153,920	359	460,575
OKLA.....	11	10,140	36	31,024
ORE.....	169	238,420	89	117,354
PENN.....	716	1,031,870	558	493,871
R. I.....	2	54,020	12	17,110
S. C.....	2	2,290	1	990
S. D.....	38	37,140	67	52,951
TENN.....	12	13,190	2	3,723
TEX.....	4	5,370	6	4,873
UTAH.....	194	304,850	128	195,901
VA.....	30	50,490	58	58,538
WASH.....	39	42,060	5	8,127
W. VA.....	238	416,170	127	194,365
WIS.....	50	51,340	30	34,009
WYO.....	667	1,153,190	298	383,982
WYO.....	8	7,030	41	38,833
Total.	12,865	18,592,695	7,862	10,448,532

ORANGES, LEMONS AND (POMELOES) GRAPE FRUIT.

(Last Census Report.)

State.	ORANGES, Boxes.	LEMONS, Boxes.	GRAPE FRUIT, Boxes.
ALA.....	560	1201	132
ARIZ.....	336	32247	99
ARK.....	40	1	56
CAL.	19074	14436180	8449
FLA.	16769	4852967	498
GA.....	215	210	42
LA.....	3231	149979	261
MISS.	550	3779	141
N. M.	3	12	.....
N. C.	51	21	55
S. C.	80	177	51
TENN.	43	4	55
TEX.	3054	10694	666
VA.	16	12	52
Total.	44022	10557	6172
Total.	19487481	2770813	11189250

Apples, Peaches, Pears—1917.

In the December United States Agricultural Report the 1917 crops of apples, peaches and pears are estimated. The largest production of apples is in the state of Washington, with New York, Missouri and Pennsylvania following in the order named. In peaches the state of California leads far beyond other states. California leads in pears, followed by New York and Michigan.

State.	Apples. 1917. Yield, Bushels.	Peaches. 1917. Yield, Bushels.	Pears. 1917. Yield, Bushels.
ALA.....	1,453,000	1,830,000	80,000
ARIZ.....	135,000	60,000	21,000
ARK.....	2,683,000	840,000	102,000
CALIF.....	5,592,000	14,151,000	3,523,000
COLO.....	2,640,000	1,200,000	320,000
CONN.....	1,316,000	268,000	29,000
DEL.....	450,000	647,000	294,000
FLA.....	000	122,000	46,000
GA.....	1,754,000	4,715,000	140,000
IDA.....	1,995,000	165,000	70,000
ILL.....	7,500,000	364,000	456,000
IND.....	5,915,000	592,000	410,000
IOWA.....	5,775,000	30,000	82,000
KAS.....	3,375,000	121,000	140,000
KY.....	9,125,000	1,034,000	204,000
LA.....	000	478,000	52,000
ME.....	4,617,000	000	24,000
MD.....	2,525,000	975,000	525,000
MASS.....	2,186,000	145,000	71,000
MICH.....	5,160,000	744,000	1,080,000
MINN.....	1,445,000	000	000
MISS.....	315,000	375,000	30,000
MO.....	12,375,000	890,000	265,000
MONT.....	911,000	000	11,000
NEB.....	2,400,000	000	14,000
NEV.....	192,000	6,000	6,000
N. H.....	1,035,000	47,000	19,000
N. J.....	2,041,000	871,000	590,000
N. M.....	657,000	60,000	46,000
N. Y.....	14,059,000	2,244,000	1,708,000
N. C.....	6,156,000	1,541,000	150,000
N. D.....	000	000	000
OHIO.....	6,336,000	496,000	334,000
OKLA.....	1,300,000	1,150,000	45,000
ORE.....	3,500,000	250,000	600,000
PENN.....	12,150,000	1,440,000	448,000
R. I.....	198,000	20,000	7,000
S. C.....	818,000	1,130,000	100,000
S. D.....	349,000	000	000
TENN.....	5,000,000	900,000	75,000
TEXAS.....	345,000	2,352,000	280,000
UTAH.....	650,000	900,000	48,000
VT.....	1,286,000	000	14,000
VA.....	9,974,000	800,000	194,000
WASH.....	17,897,000	504,000	595,000
W. VA.....	5,994,000	608,000	33,000
WIS.....	3,029,000	000	000
WYO.....	000	000	000
U. S.....	174,608,000	45,066,000	13,281,000
Latest.....	163,117,000	45,066,000	13,281,000

WHEN WATERMELONS ARE HARVESTED.

Returns from truck crop reporters show the per cent. of the watermelon crop in the following states usually harvested in each month from April to October to be as follows:

State.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Florida.....	2.8	23.8	56.5	13.9	1.1	.....	1.9
Texas.....	2.5	12.0	34.4	41.5	9.0	0.6	.....
Alabama.....	.....	2.0	18.5	54.5	18.5	6.5	.....
N. Carolina.....	.....	4.2	55.8	33.3	5.0	1.7	.....
S. Carolina.....	.....	.....	1.2	94.4	4.4	.....	.....
Georgia.....	.....	14.3	57.0	27.3	1.4	.....	.....
California.....	.....	4.0	23.5	34.5	29.5	6.0	.....
Oklahoma.....	.....	.....	27.5	41.2	31.3	.....	.....
Virginia.....	.....	.....	15.6	74.4	10.0	.....	.....

The statement accounts for nearly all the watermelons, there being few marketed before April and none after October.

In the year 1786 the French government purchased 300 sheep from Spain, the foundation of the French (Rambouillet) Merino.

The first plantings of grape at the Mission of San Gabriel, in California, was in 1770.

APPLES, PEACHES, PEARS, 1918.

The fruit crop of the United States very largely centers on these three items, in which the production in bushels in shown by states.

State.	Apples. Bushels.	Peaches. Bushels.	Pears. Bushels.
ALA.....	1,553,000	3,142,000	142,000
ARIZ.....	184,000	58,000	20,000
ARK.....	1,812,000	260,000	60,000
CALIF.....	5,237,000	12,786,000	1,890,000
COLO.....	2,046,000	754,000	206,000
CONN.....	1,347,000	15,000	38,000
DEL.....	492,000	284,000	236,000
FLA.....	.....	264,000	132,000
GA.....	1,889,000	6,746,000	180,000
IDAHO.....	1,665,000	80,000	63,000
ILL.....	3,822,000	78,000	281,000
IND.....	3,136,000	92,000	246,000
IOWA.....	2,881,000	.....	42,000
KAS.....	3,105,000	.....	38,000
KY.....	4,830,000	110,000	171,000
LA.....	.....	615,000	49,000
MAINE.....	3,010,000	.....	14,000
MD.....	2,365,000	600,000	462,000
MASS.....	2,861,000	9,000	72,000
MICH.....	13,564,000	248,000	650,000
MINN.....	1,221,000	.....	.....
MISS.....	518,000	1,386,000	131,000
MO.....	8,036,000	.....	131,000
MONT.....	790,000	.....	5,000
NEB.....	758,000	.....	6,000
NEV.....	141,000	15,000	16,000
N. H.....	1,144,000	.....	14,000
N. J.....	2,460,000	792,000	649,000
N. M.....	1,000,000	85,000	57,000
N. Y.....	42,160,000	1,167,000	1,269,000
N. C.....	5,460,000	1,035,000	115,000
N. D.....	.....	.....	.....
OHIO.....	7,983,000	348,000	307,000
OKLA.....	693,000	303,000	32,000
OREGON.....	3,684,000	118,000	662,000
PENN.....	17,188,000	1,210,000	481,000
R. I.....	208,000	2,000	9,000
S. C.....	764,000	1,064,000	90,000
S. D.....	594,000	.....	.....
TENN.....	4,710,000	840,000	112,000
TEXAS.....	270,000	2,041,000	250,000
UTAH.....	792,000	1,080,000	53,000
VT.....	1,400,000	.....	10,000
VA.....	11,702,000	578,000	146,000
WASH.....	16,657,000	1,130,000	603,000
W. VA.....	9,403,000	850,000	38,000
WIS.....	2,854,000	.....	21,000
WYO.....	.....	.....	.....
U. S.....	198,389,000	40,185,000	10,189,000
Latest.....	173,632,000	40,185,000	10,342,000

HOG MARKET RECEIPTS.

The following tabulation shows the combined receipts of hogs monthly since January, 1913, at twelve important interior markets (Chicago, Cincinnati, Denver, Fort Worth, Indianapolis, Kansas City, Omaha, Portland, Oregon, St. Joseph, St. Louis, St. Paul and Sioux City):

Months.	1913.	1914.	1915.
January.....	2,482,000	2,309,000	2,796,000
February.....	1,938,000	2,003,000	2,610,000
March.....	1,705,000	1,810,000	2,409,000
April.....	1,714,000	1,568,000	1,749,000
May.....	2,015,000	1,732,000	2,019,000
June.....	2,120,000	1,972,000	2,120,000
Six Months, Jan. to June.....	11,974,000	11,394,000	13,703,000
July.....	1,810,000	1,582,000	1,762,000
August.....	1,687,000	1,325,000	1,477,000
September.....	1,634,000	1,343,000	1,311,000
October.....	1,863,000	1,796,000	1,529,000
November.....	2,099,000	2,128,000	2,454,000
December.....	2,600,000	2,733,000	3,520,000
Year's Total.....	23,666,000	22,301,000	25,757,000
Months, January.....	1916.	1917.	1918.
January.....	3,835,000	3,634,000	2,968,000
February.....	3,165,000	2,779,000	3,134,000
March.....	2,518,000	2,313,000	3,183,000
April.....	1,960,000	2,035,000	2,674,000
May.....	2,360,000	2,263,000	2,360,000
June.....	2,207,000	2,016,000	2,108,000
Six Months, Jan. to June.....	16,045,000	15,040,000	16,427,000
July.....	1,860,000	1,930,000	2,270,000
August.....	1,962,000	1,357,000	.....
September.....	1,579,000	1,042,000	.....
October.....	2,397,000	1,683,000	.....
November.....	3,457,000	2,506,000	.....
December.....	3,640,000	2,614,000	.....
Year's Total.....	30,939,000	26,171,000	.....

State Live Stock Valuations No. 1.

The United States Department of Agriculture has issued a statement dated basis of January, 1918, which intends to show the value of the cattle, hogs and sheep separated from the horses and mules. These two columns added together make the total value of live stock in each state, which is shown in another table. Thus, cattle, hogs and sheep value, \$5,394,000,000, and horses and mules value, \$2,870,000,000, make an aggregate of \$8,264,000,000.

State.	Cattle, Hogs and Sheep.	Horses and Mules.
ALA.....	\$ 66,000,000	\$ 58,000,000
ARIZ.....	67,000,000	11,000,000
ARK.....	63,000,000	60,000,000
CALIF.....	163,000,000	53,000,000
COLO.....	118,000,000	42,000,000
CONN.....	150,000,000	7,000,000
DEL.....	5,000,000	4,000,000
FLA.....	42,000,000	14,000,000
GA.....	80,000,000	79,000,000
IDAHO.....	79,000,000	26,000,000
ILL.....	276,000,000	169,000,000
IND.....	181,000,000	99,000,000
IOWA.....	514,000,000	172,000,000
KAS.....	246,000,000	152,000,000
KY.....	88,000,000	72,000,000
LA.....	52,000,000	40,000,000
MAINE.....	21,000,000	18,000,000
MD.....	26,000,000	21,000,000
MASS.....	20,000,000	9,000,000
MICH.....	143,000,000	81,000,000
MINN.....	201,000,000	100,000,000
MISS.....	68,000,000	63,000,000
MO.....	254,000,000	142,000,000
MONT.....	113,000,000	50,000,000
NEB.....	300,000,000	119,000,000
NEV.....	50,000,000	6,000,000
N. H.....	13,000,000	7,000,000
N. J.....	22,000,000	14,000,000
N. M.....	88,000,000	19,000,000
N. Y.....	199,000,000	87,000,000
N. C.....	51,000,000	61,000,000
N. D.....	70,000,000	87,000,000
OHIO.....	225,000,000	102,000,000
OKLA.....	123,000,000	101,000,000
OREGON.....	76,000,000	31,000,000
PENN.....	138,000,000	81,000,000
R. I.....	3,000,000	1,000,000
S. C.....	32,000,000	48,000,000
S. D.....	157,000,000	79,000,000
TENN.....	67,000,000	74,000,000
TEXAS.....	285,000,000	180,000,000
UTAH.....	61,000,000	13,000,000
VT.....	33,000,000	13,000,000
VA.....	63,000,000	46,000,000
WASH.....	42,000,000	36,000,000
W. VA.....	47,000,000	22,000,000
WIS.....	233,000,000	23,000,000
WYO.....	115,000,000	18,000,000
U. S.....	\$5,394,000,000	\$2,870,000,000

Harvesting of Potatoes.

The United States Bureau of Crop Estimates of the Department of Agriculture has ascertained when white (Irish) potatoes are harvested, and the amount and quantity harvested in each month, as follows:

	1915.		1916.
Month.	Per Cent.	Bushels.	Per Cent. Bushels.
JAN.....		10,000	11,000
FEB.....		38,000	45,000
MARCH.....		117,000	131,000
APRIL.....	0.2	681,000	0.2 730,000
MAY.....	1.0	3,601,000	1.2 3,400,000
JUNE.....	3.2	11,626,000	3.5 8,032,000
JULY.....	7.9	28,400,000	7.9 22,722,000
AUG.....	13.1	46,874,000	12.9 38,351,000
SEPT.....	29.7	106,716,000	29.5 85,166,000
OCT.....	41.8	150,200,000	41.4 119,747,000
NOV.....	2.9	10,665,000	3.3 9,434,000
DEC.....		175,000	.1 195,000
Total..	100.0	359,103,000	100.0 288,964,000

State Live Stock Valuations No. 2.

This tabulated statement by the United States Department of Agriculture gives the total value of all live stock, state by state, for the years 1917 and 1918. In addition there is also the rank of each state in live stock ownership from Iowa, which is first, to Rhode Island, which is forty-eighth. These are aggregate figures, meaning a combined total value of \$8,260,000,000 in live stock on farms of the United States.

State.	1917.	1918. Rank.
ALA.....	\$ 87,000,000	\$124,000,000 25
ARIZ.....	61,000,000	78,000,000 35
ARK.....	95,000,000	123,000,000 26
CALIF.....	183,000,000	216,000,000 16
COLO.....	128,000,000	160,000,000 19
CONN.....	19,000,000	22,000,000 45
DEL.....	8,000,000	9,000,000 47
FLA.....	41,000,000	56,000,000 38
GA.....	119,000,000	159,000,000 20
IDAHO.....	80,000,000	105,000,000 31
ILL.....	365,000,000	445,000,000 3
IND.....	226,000,000	280,111,000 11
IOWA.....	535,000,000	686,000,000 1
KAS.....	328,000,000	398,000,000 5
KY.....	127,000,000	160,000,000 18
LA.....	72,000,000	92,000,000 32
MAINE.....	31,000,000	39,000,000 42
MD.....	41,000,000	47,000,000 40
MASS.....	25,000,000	29,000,000 44
MICH.....	189,000,000	224,000,000 13
MINN.....	248,000,000	301,000,000 9
MISS.....	94,000,000	131,000,000 24
MO.....	303,000,000	396,000,000 6
MONT.....	137,000,000	163,000,000 17
NEB.....	328,000,000	419,000,000 4
NEV.....	39,000,000	56,000,000 39
N. H.....	16,000,000	20,000,000 46
N. J.....	31,000,000	36,000,000 43
N. M.....	89,000,000	107,000,000 29
N. Y.....	234,000,000	286,000,000 10
N. C.....	88,000,000	112,000,000 27
N. D.....	150,000,000	157,000,000 21
OHIO.....	263,000,000	327,000,000 8
OKLA.....	183,000,000	254,000,000 14
OREGON.....	88,000,000	107,000,000 30
PENN.....	186,000,000	219,000,000 15
R. I.....	3,000,000	4,000,000 48
S. C.....	60,000,000	80,000,000 33
S. D.....	190,000,000	236,000,000 12
TENN.....	114,000,000	141,000,000 22
TEXAS.....	459,000,000	465,000,000 2
UTAH.....	49,000,000	74,000,000 36
VT.....	36,000,000	46,000,000 41
VA.....	91,000,000	109,000,000 28
WASH.....	63,000,000	78,000,000 34
W. VA.....	58,000,000	69,000,000 37
WIS.....	274,000,000	316,000,000 7
WYO.....	96,000,000	..... 8
U. S.....	\$6,735,000,000	\$8,264,000,000 ..

GROWING OF CELERY.

Celery growing on a commercial scale is not confined to five states, but it is only in five states that the crop is considered of sufficient dimensions to be subject of Agricultural Department crop reports. In the last census year 4,005 farms in all the different states reported growing celery on 15,863 acres, and producing crops to the value of \$3,922,848, which amounts to nearly \$250 per acre. The acreage was 13,213 in 1915 in six states, and in those same states in 1916 the acreage was only 11,583, a decrease, one year with another, of 1,625 acres.

State.	Acres.	1915.	1916.	In-crease, Acres.	De-crease, Acres.
COLORADO.....	400	400	.....	.....	.....
MICHIGAN.....	3,118	3,134	16	.....	.....
NEW YORK.....	5,900	4,404	.....	1,496	.....
OHIO.....	1,058	1,097	39	.....	.....
PENNSYLVANIA.	2,737	2,553	.....	184	.....
Total.....	13,213	11,583	.....	1,625	.....

State Crop Valuations.

We have here the state quotations of all crops. It also gives a number showing the relative rank of each state. The table is for two years, 1916 and 1917. There is considerable difference one year with another in regard to state valuations. Thus, for instance, Texas was first in 1916 and second in 1917; Illinois was third in 1916 and first in 1917; Missouri was fourteenth in 1916 and fifth in 1917; Kansas was sixth in 1916 and 14th in 1917.

State.	Rank.	1916. Value of Crops.	Rank.	1917. Value of Crops.
ALA.	27	\$ 165,487,000	25	\$ 291,563,000
ARIZ.	45	18,626,000	45	27,068,000
ARK.	16	248,463,000	20	359,538,000
CALIF.	13	267,638,000	10	432,285,000
COLO.	30	106,453,000	28	164,890,000
CONN.	40	42,911,000	39	57,814,000
DEL.	46	17,847,000	44	27,707,000
FLA.	37	61,888,000	33	104,771,000
GA.	5	358,023,000	6	542,733,000
IDA.	36	74,243,000	36	94,890,000
ILL.	3	477,263,000	1	842,042,000
IND.	9	285,384,000	8	503,154,000
IOWA.	2	516,490,000	3	783,488,000
KANS.	6	315,678,000	14	399,844,000
KY.	19	221,311,000	16	375,710,000
LA.	25	186,494,000	24	313,352,000
ME.	32	88,938,000	37	71,425,000
MD.	34	86,093,000	31	123,879,000
MASS.	38	51,853,000	38	69,106,000
MICH.	17	237,175,000	21	356,265,000
MINN.	12	262,775,000	9	400,230,000
MISS.	23	197,852,000	19	359,536,000
MO.	14	261,269,000	5	546,036,000
MONT.	29	121,055,000	35	103,845,000
NEB.	4	389,025,000	7	522,186,000
NEV.	47	17,148,000	47	25,655,000
N. H.	43	26,714,000	46	25,748,000
N. J.	35	79,781,000	34	103,895,000
N. M.	44	22,670,000	43	38,470,000
N. C.	8	294,476,000	12	417,798,000
N. Y.	11	272,076,000	11	417,846,000
N. D.	26	169,660,000	27	220,290,000
OHIO.	10	284,323,000	4	546,058,000
OKLA.	18	236,832,000	23	329,579,000
ORE.	31	105,500,000	32	108,632,000
PENN.	7	299,408,000	13	412,394,000
R. I.	48	5,556,000	48	8,352,000
S. C.	22	199,532,000	15	389,887,000
S. D.	24	189,757,000	18	366,582,000
TENN.	21	225,701,000	26	290,819,000
TEXAS.	1	695,365,000	2	788,983,000
UTAH.	39	43,436,000	41	49,627,000
VT.	41	42,782,000	42	45,950,000
VA.	20	215,079,000	22	344,159,000
WASH.	28	127,502,000	29	144,422,000
W. VA.	33	87,428,000	30	132,281,000
WIS.	15	254,599,000	17	367,095,000
WYO.	42	36,811,000	40	52,829,000
Total.		\$8,985,870,000		\$13,580,768,000

Velvet Beans, 1917.

Velvet beans are planted for the beans, and in addition 49 per cent. of the acreage is grazed or hogged off and 8 per cent. plowed under for soil improvement. We show the total acreage, the acreage harvested for the beans and the production of beans in bushels.

State.	Acreage Planted.	Cut For Grain, Acres.	Produc- tion, Bushels.
ALA.	1,800,000	1,080,000	8,140,000
ARK.	18,000	4,000	.....
GA.	508,000	250,000	2,250,000
MISS.	1,300,000	403,000	3,224,000
S. C.	705,000	176,000	1,760,000
N. C.	108,000	5,000	75,000
S. C.	188,000	28,000	350,000
Total.	4,619,000	1,946,000	15,790,000

Production of Strawberries.

Herewith for two years we give the United States Agricultural Department estimate of acreage and production of strawberries, also by states the estimated production in twenty-four quart crates.

State.	Acres. Picked, to be	Condi- tion, May 15, 1918.	Indi- cated Yield, May 15, 1918. Quarts.	Fore- cast of Pro- duction, Crates.
ARK.	11,020	49	980	449,983
ALA.	2,240	86	1,720	160,533
CALIF.	3,800	82	1,968	311,600
DEL.	5,000	78	2,184	455,000
FLA.	1,450	78	1,560	94,250
KY.	3,230	82	2,952	397,290
LA.	12,770	40	800	425,666
MD.	8,120	78	1,420	739,320
MISS.	970	71	1,420	57,392
MO.	3,470	66	1,584	229,020
N. J.	3,440	86	2,064	295,840
N. C.	2,860	85	2,210	263,358
S. C.	850	100	2,500	88,542
TENN.	12,630	64	1,280	673,600
TEXAS.	1,130	75	1,800	84,750
VA.	3,520	77	2,156	316,213
Total, 1918.	76,500	...	1,582	5,041,957
Total, 1917.	96,690	...	1,718	6,920,369

NURSERY PRODUCT ESTABLISHMENTS.

In the United States, according to the last census, we have 5,582 farms devoted to the production of nursery products. The total acreage is 80,618. These establishments are valued at \$3,771 each, with an average value of \$261.12 per acre. This industry had a total value of \$10,123,873 in 1899, which was increased to \$21,050,822 in the year 1909.

State	No. of Farms.	State Farm Acreage.	Value, Acres.
ALA.	62	3,079	\$ 4,178
ARIZ.	11	18	412
ARK.	133	528	1,493
CALIF.	566	4,803	3,910
COLO.	61	241	1,182
CONN.	60	770	4,358
DEL.	19	182	2,056
FLA.	133	2,231	3,595
GA.	54	1,502	6,786
IDAHO.	26	530	5,509
ILL.	258	3,454	3,187
IND.	164	1,850	2,508
IOWA.	242	3,430	3,496
KAS.	120	4,003	7,904
KY.	77	542	1,506
LA.	60	502	1,461
MAINE.	17	57	1,367
MD.	71	4,240	6,435
MASS.	119	1,547	5,091
MICH.	313	3,034	2,054
MINN.	191	3,854	4,518
MISS.	34	533	2,204
MONT.	186	2,459	2,846
NEB.	28	341	6,230
NEV.	90	1,997	6,145
N. H.	9	24	1,322
N. J.	105	2,167	6,493
N. M.	17	24	540
N. Y.	608	8,680	4,525
N. C.	125	754	2,136
N. D.	49	472	633
OHIO.	272	4,718	3,163
OKLA.	90	857	1,911
OREGON.	112	2,168	6,991
PENN.	175	2,828	5,272
R. I.	27	212	2,798
S. C.	22	21	200
S. D.	30	399	2,361
TENN.	145	3,976	4,812
TEXAS.	223	3,847	5,378
UTAH.	38	577	4,959
VT.	9	37	1,224
VA.	69	569	2,316
WASH.	115	1,342	2,480
W. VA.	71	464	1,116
WIS.	152	755	1,980
WYO.	8	.....	210
U. S.	5,582	80,618	\$3,771
			\$261.12

MARKET DEPARTMENT.

A Special Directory Section For Those Who Buy or Sell Live Stock, Grain, Fruits and Vegetables on Commission.

This is the beginning of a Directory Department which will soon contain 1,000 names and addresses. We charge each firm one dollar a year to pay actual expenses for the two lines, including a one-year subscription to the paper. Extra lines, 50 cents per line. For a two-inch single-column advertisement in the Department of Markets we charge \$12.00 a year. We invite advertising and subscriptions. Agricultural Statistics is sold all over the United States at 25 cents a copy.

MARKET DEPARTMENT.

ABRAHAM FUR CO., Wool and Fur Dealers, 213 North Main St., ST. LOUIS, MO.

AMERICAN BUTTER AND CHEESE COMPANY, Commission Salesmen, 31 Griswold St., DETROIT, MICH.

ARMOUR & CO., Meat Packers, Union Stock Yards, CHICAGO, ILL.

BARTLETT, A. J., Commission—Butter, Cheese, Eggs and Poultry, 7 and 8 North Market St., BOSTON, MASS.

BENNETT, JAMES E., & CO., Soliciting Grains, Stocks and Provisions on Consignment, 332 LaSalle St., CHICAGO, ILL.

BIGGS—E. W. BIGGS & CO., Furs and Wool, 522 Biggs Bldg., KANSAS CITY, MO.

BIRMINGHAM PACKING COMPANY, Pioneer Meat Packers, BIRMINGHAM, ALA.

BOURBON STOCK YARDS, Established 1858, Market of the South, LOUISVILLE, KY.

BOWLES LIVE STOCK COMMISSION CO., Union Stock Yards, CHICAGO, ILL.

BRINKMAN, WOOD & BECK, Live Stock Commission, Union Stock Yards, PITTSBURGH, PA.

CAMPBELL & REID AND WESTERN SALE STABLES COMPANY, Receivers and Salesmen on Commission, Horses and Mules, NATIONAL STOCK YARDS, ILL.

CAMPBELL-ROSSON & BELDEN, Live Stock Commission, FORT WORTH, TEXAS.

CASSIDY SOUTHWESTERN COMMISSION COMPANY, St. Louis Market Headquarters, NATIONAL STOCK YARDS, ILL.

CHICAGO CATTLE LOAN COMPANY, M. A. Traylor, President, Union Stock Yards, CHICAGO, ILL.

CLEVELAND PROVISION COMPANY, Tankage For Hogs, CLEVELAND, OHIO.

DEAN—B. A. DEAN & SON, Dealers in Alfalfa, Hay and Grain, AUBURN, N. Y.

DALTON MEEKS CO., THE, Live Stock Commission Merchants, EAST BUFFALO, N. Y.

DORMAN, BENJAMIN, Buyer of Ginseng, 147 West 34th St., NEW YORK, N. Y.

EDISON & HOPKINS, Live Stock Commission, Union Stock Yards, BALTIMORE, MD.

EVANS-SNIDER-BUEL LIVE STOCK COMMISSION COMPANY, Main Office Union Stock Yards, CHICAGO, ILL.

ELLSWORTH & McNAIR, Commission Salesmen of All Kinds of Horses, Union Stock Yards, CHICAGO, ILL.

FARMERS' COMMISSION HOUSE, Poultry, Eggs, Etc., 27 Harrison St., NEW YORK, N. Y.

FORT WORTH STOCK YARD COMPANY, Good Home Market, FORT WORTH, TEXAS.

FUNSTEN BROS. & CO., 118 Fur Exchange, ST. LOUIS, MO.

FERGURSONSON BROS., Shippers of Bermuda Onions, PEARSALL, TEXAS.

FORGY, WM., Horse and Mule Salesman, Auction Wednesdays, U. S. Barn, DENVER, COLO.

GILLEN, HEIMAN & HARPER, Wholesale and Retail Dealers in Mules, NATIONAL STOCK YARDS (E. ST. LOUIS) ILL.

HOLBERT HORSE IMPORTING COMPANY, Draft Horses, GREELEY, IA.

GOODRIDGE, MATTINGLY & CO., Live Stock Commission, Bourbon Stock Yards, LOUISVILLE, KY.

HARRISON PRODUCE COMPANY, Early Vegetable Shipper, SAN BENITO, TEXAS.

HARPOLE, GEORGE, Packer and Shipper Louisiana Strawberries, INDEPENDENCE, IA.

HIBBARD-STEWART COMPANY, INC., Wool, Felts, Furs, Etc., SEATTLE, WASH.

HILL BROS. FUR CO., Buyers of Furs, 357 Hill Bldg., ST. LOUIS, MO.

HOLLAND & MAXWELL COMMISSION COMPANY, Commission Salesmen, Horses and Mules, at St. Louis, Greatest Market in the World, P. O. NATIONAL STOCK YARDS, ILL.

HOLLIS & PLATT HORSE COMPANY, Horses and Mules Bought and Sold, Union Stock Yards, DENVER, COLO.

HORKHEIMER BROS., Wool Commission Agents, WHEELING, W. VA.

HOWELL BELL AUCTION COMPANY, Horses and Mules, 1046 East Main St., LOUISVILLE, KY.

ILLINOIS HORSE CO., Coach and Draft Horses, Good Block, DES MOINES, IA.

KINGAN & CO., LTD., In Market For Live Hogs, RICHMOND, VA.

McCAFFEYS, SONS, DANIEL, Hay Commission, 625 Wabash Bldg., PITTSBURGH, PA.

McCULLOUGH & TUMBACH, Wool and Furs, 105 North Main St., ST. LOUIS, MO.

MUSTION (C. J.) WOOL COMMISSION COMPANY, 16th and Liberty sts., KANSAS CITY, MO.

NATIONAL COLD STORAGE CO., INC., 100 Hudson St., NEW YORK, N. Y.

NEWGASS—L. M. NEWGASS COMPANY, Commission Salesmen of Horse and Mules, Union Stock Yards, CHICAGO, ILL.

NORTH AMERICAN FRUIT EXCHANGE, Onions and Potatoes, LAREDO, TEXAS.

OLD VIRGINIA HIDE AND WOOL CO., INC., Wool, Hides, Skins, Etc., RICHMOND, VA.

OMAHA HORSE AND MULE COMPANY, Commission Salesmen, Stock Yards, OMAHA, NEB.

OTIS—B. W. OTIS & CO., Commission—Dressed Poultry, West Washington Market, NEW YORK, N. Y.

PACIFIC HIDE AND FUR DEPOT, Joseph Thiebes and C. T. Symmes, Railroad Ave., SPOKANE, WASH.

PITTSBURGH UNION STOCK YARDS, James S. McFadyen, General Manager, PITTSBURGH, PA.

PURITAN FRUIT COMPANY, Fruit Salesmen, 12 South Market St., BOSTON, MASS.

PURSE BROS., Distributors of Fruits and Vegetables, DETROIT, MICH.

REEVES—R. R. REEVES & CO., Exclusive Order Buyers, Union Stock Yards, PITTSBURGH, PA.

RYAN-ROBINSON COMMISSION COMPANY, Cattle, Hogs and Sheep, Stock Yards, KANSAS CITY, MO.

SHANNON & FARRELL, Live Stock Commission, Union Stock Yards, PITTSBURGH, PA.

SIGEL-CAMPION LIVE STOCK COMMISSION COMPANY, Union Stock Yards, DENVER, COLO.

SHUBERT, A. B., INC., Hides and Furs, 25 West Austin Ave., CHICAGO, ILL.

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STANDARD GROWERS' EXCHANGE
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LOUISVILLE, KY.

WHITMORE, L. S., & CO., Commission Agents, Cattle, Hogs, Sheep, Etc.,
RICHMOND, VA.

WILLIAMSON & DENNIS, Live Stock Commission, Interstate Stock Yards,
JACKSONVILLE, FLA.

WOODSON-CRAIG COMPANY, INC., Commission, Eggs, Butter, Etc., RICHMOND, VA.

ZOOK & ZOOK, Live Stock Commission, Stock Yards,
KANSAS CITY, MO.

The Beekeepers and Colonies.

It is not often the colonies of bees are counted, but they are each census year. We present herewith tabulated comparison, showing the number of farms reporting the ownership of bees in each state and the number of colonies in the years 1900 to 1910. Unfortunately, the census people took the count in 1900 on June 1st and the next census the date was changed to April 15th. There appears to have been a decrease of beekeeping in ten years, from 1900 to 1910, but that is very likely not the case. We take official figures for what they are worth.

State.	Farms Reporting, June 1, 1900.	Colonies of Bees, June 1, 1900.	Farms Reporting, April 15, 1910.	Colonies of Bees, April 15, 1910.
ALA.....	32,100	205,369	23,911	135,140
ARIZ.....	489	18,991	441	23,770
ARK.....	22,182	111,318	19,692	92,731
CALIF..	6,915	129,444	6,870	201,023
COLO....	4,518	59,756	3,563	71,434
CONN....	2,252	11,438	1,798	9,445
DEL.....	1,684	10,187	1,119	6,410
D. COL..	7	59	13	151
FLA.....	4,521	39,753	4,345	38,895
GA.....	32,246	187,919	23,167	130,549
IDAHO..	2,387	19,240	2,368	21,903
ILL.....	34,932	179,953	29,741	155,846
IND.....	28,632	117,148	19,487	80,938
IOWA...	28,977	138,811	28,935	160,025
KAS....	18,205	88,504	16,869	73,737

KY.....	44,974	203,820	35,603	152,991
LA.....	6,148	35,231	4,928	29,591
ME.....	2,496	10,857	1,371	7,592
MD.....	5,098	28,013	4,186	23,156
MASS...	1,799	8,381	1,597	7,464
MICH...	18,122	100,397	16,892	115,271
MINN...	6,078	45,877	9,522	56,677
MISS...	17,990	95,257	16,028	74,350
MO.....	41,145	205,110	40,110	203,569
MONT...	234	1,801	795	6,313
NEB....	12,130	52,143	12,538	45,625
NEV....	278	5,692	176	8,401
N. H....	1,228	5,520	1,002	4,644
N. J....	2,327	14,118	1,627	10,481
N. M....	410	6,164	418	10,052
N. Y....	22,738	187,208	15,259	156,360
N. C....	41,051	214,539	36,248	189,178
N. D....	30	279	79	495
OHIO...	34,458	151,391	23,203	98,242
OKLA...	3,438	20,137	4,816	19,413
ORE....	8,895	55,585	8,861	47,285
PENN...	28,962	161,670	22,297	124,815
R. I....	370	1,681	285	1,267
S. C....	16,272	93,958	12,528	75,422
S. D....	387	2,063	1,355	6,565
TENN...	38,225	225,788	27,706	144,481
TEXAS..	60,045	392,614	37,881	238,107
UTAH...	3,707	35,838	1,973	26,185
VT.....	1,278	12,836	1,124	10,215
VA.....	25,744	139,064	22,437	104,005
WASH...	4,435	30,870	5,886	33,884
W. VA...	25,240	111,417	24,035	110,673
WIS....	10,535	106,000	10,391	95,638
WYO....	153	1,020	579	4,596

Total, 707,215 1,108,239 585,955 3,445,006

Honey and Wax.

In the year 1899 the production of honey was 61,099,290 pounds, production of wax 1,763,595 pounds, the total value of the same being \$6,656,611. In 1909 the production was as follows:

State.	Honey, Pounds.	Wax, Pounds.	Value, Honey.	Value, Wax.
ALA ..	891,954	50,043	\$ 88,088	\$ 11,889
ARIZ..	1,023,282	15,012	53,298	3,905
ARK...	913,515	20,403	107,846	5,122
CALIF.	10,264,715	126,445	631,529	33,838
COLO..	2,306,492	33,682	225,832	8,502
CONN..	145,722	1,096	25,558	355
DEL...	62,777	2,756	7,770	463
D. C...	3,657	.....	477	.....
FLA...	747,832	18,635	56,505	4,856
GA....	884,662	23,434	96,114	5,771
IDAHO.	1,011,068	8,018	86,251	2,911
ILL...	1,428,640	26,240	104,625	6,138
IND...	687,097	15,115	102,490	3,226
IOWA.	2,374,080	44,266	275,418	10,011
KAS....	609,785	4,332	83,243	1,194
KY....	1,558,670	17,307	197,720	4,522
LA....	340,134	12,284	30,915	2,996
ME....	112,051	2,260	20,016	670
MD....	306,367	4,358	38,164	1,080
MASS..	96,802	1,019	18,806	370
MICH..	2,507,810	28,524	289,137	7,605
MINN..	976,262	16,880	120,560	4,057
MISS...	559,012	15,153	60,972	3,890
MO....	2,105,815	23,784	267,998	6,176
MONT...	163,510	394	21,802	133
NEB...	525,868	3,336	72,463	935
NEV...	354,905	7,666	34,920	2,084
N. H...	65,038	792	13,363	260
N. J...	152,072	1,372	22,484	433
N. M...	439,528	5,345	38,113	1,526
N. Y...	3,191,733	43,198	376,608	13,034
N. C...	1,809,127	76,400	211,607	18,979
N. D...	11,084	92	1,840	29
OHIO...	1,001,179	7,454	131,710	2,181
OKLA...	140,234	1,088	23,783	313
ORE...	839,981	8,383	92,476	2,034
PENN...	1,840,360	21,823	256,428	6,376
R. I...	14,221	185	2,904	55
S. C...	653,119	12,440	75,941	2,995
S. D...	139,714	943	20,165	278
TENN...	1,468,123	28,864	175,791	7,271
TEX...	3,093,997	58,402	308,488	14,510
UTAH...	1,138,091	16,667	75,892	3,871
VT....	160,283	2,899	25,351	1,215
VA....	1,344,360	23,883	167,971	5,956
WASH.	503,580	4,038	55,196	1,193
W. VA.	1,550,739	11,090	228,843	2,787
WIS...	2,153,819	55,402	223,606	12,117
WYO...	138,924	1,563	16,248	477

Total, 54,814,890 904,867 \$5,762,869 \$229,214

WOOL PRODUCTION.

The statement shows the production of wool in the United States in the years 1917 and 1918 as estimated by the United States Department of Agriculture:

State.	Production, 1917.		Production, 1918.	
	Pounds.		Pounds.	
ALABAMA.....	350,000		368,000	
ARKANSAS.....	350,000		402,000	
ARIZONA.....	5,831,000		5,656,000	
CALIFORNIA.....	12,180,000		12,545,000	
COLORADO.....	8,820,000		9,261,000	
CONNECTICUT.....	75,000		76,000	
FLORIDA.....	355,000		475,000	
GEORGIA.....	455,000		478,000	
DELAWARE.....	31,000		31,000	
IDAHO.....	17,500,000		10,500,000	
INDIANA.....	4,332,000		4,765,000	
ILLINOIS.....	3,855,000		4,048,000	
IOWA.....	4,500,000		4,815,000	
KANSAS.....	1,450,000		1,624,000	
KENTUCKY.....	2,969,000		3,058,000	
LOUISIANA.....	560,000		594,000	
MAINE.....	833,000		833,000	
MARYLAND.....	758,000		773,000	
MASSACHUSETTS.....	119,000		119,000	
MICHIGAN.....	8,192,000		8,765,000	
MINNESOTA.....	2,964,000		3,112,000	
MISSISSIPPI.....	491,000		619,000	
MISSOURI.....	4,810,000		5,532,000	
MONTANA.....	23,342,000		23,342,000	
NEBRASKA.....	1,600,000		1,696,000	
NEVADA.....	9,000,000		10,000,000	
NEW HAMPSHIRE.....	183,000		192,000	
NEW JERSEY.....	80,000		88,000	
NEW MEXICO.....	18,422,000		17,132,000	
NEW YORK.....	3,514,000		3,830,000	
NORTH CAROLINA.....	553,000		570,000	
NORTH DAKOTA.....	1,418,000		1,560,000	
OHIO.....	12,000,000		12,600,000	
OKLAHOMA.....	450,000		518,000	
OREGON.....	12,000,000		12,500,000	
SOUTH DAKOTA.....	3,738,000		4,747,000	
SOUTH CAROLINA.....	95,000		103,000	
TENNESSEE.....	1,776,000		1,954,000	
PENNSYLVANIA.....	4,225,000		4,774,000	
RHODE ISLAND.....	24,000		24,000	
TEXAS.....	10,045,000		11,250,000	
UTAH.....	14,800,000		15,800,000	
VERMONT.....	597,000		663,000	
VIRGINIA.....	1,862,000		1,918,000	
WASHINGTON.....	4,813,000		5,504,000	
WEST VIRGINIA.....	2,695,000		2,830,000	
WISCONSIN.....	2,500,000		2,850,000	
WYOMING.....	30,380,000		34,026,000	
UNITED STATES.....	241,892,000		257,921,000	

LIVE STOCK IMPORTS, 1918.

Month.	Cattle.	Sheep.	Horses.	Mules.
JANUARY.....	9,286	1,423	231	.....
FEBRUARY.....	11,924	7,085	520	.....
MARCH.....	14,603	13,200	588	.....
APRIL.....	22,563	1,899	602	.....
MAY.....	22,112	3,512	504	.....
JUNE.....	27,457	6,887	174	.....
JULY.....	21,512	672	166	.....
AUGUST.....	31,435	4,691	358	.....
SEPTEMBER.....	47,983	20,274	203	.....
OCTOBER.....	49,439	32,105	121	.....
NOVEMBER.....	54,403	36,453	276	.....
DECEMBER.....	38,802	22,002	116	.....
TOTAL.....	351,519	150,202	3,869	.....

LIVE STOCK EXPORTS, 1918.

Month.	Cattle.	Sheep.	Horses.	Mules.
JANUARY.....	601	6	8,135	3,701
FEBRUARY.....	508	48	9,091	1,286
MARCH.....	1,245	6	4,500	1,293
APRIL.....	1,457	11	2,446	89
MAY.....	1,108	96	2,263	380
JUNE.....	2,457	88	4,744	1,469
JULY.....	427	6,196	2,966	124
AUGUST.....	542	108	6,056	2,176
SEPTEMBER.....	311	39	3,509	2,223
OCTOBER.....	418	889	4,019	2,568
NOVEMBER.....	3,598	75	2,707	1,803
DECEMBER.....	4,608	400	734	207
TOTAL.....	17,280	7,962	51,170	17,319

In the year 1789 first authentic notice of Jersey cattle was given by the Legislature of the Jersey Island passing an act to keep out fraudulent cows from France.

IMPORTS AND EXPORTS OF LIVE STOCK.

The following interesting statement from official records is an exhibit of imports and exports of domestic animals.

LIVE STOCK IMPORTS.

Year.	Cattle.	Sheep.	Horses.	Mules.
1909.....	153,902	127,019	9,580	.....
1910.....	211,230	56,201	10,714	.....
1911.....	25,413	23,063	8,469	.....
1912.....	325,717	15,342	8,333	.....
1913.....	328,717	15,342	8,333	.....
1914.....	736,937	115,688	18,617	.....
1915.....	727,891	199,825	25,764	.....
1916.....	552,489	276,521	13,693	.....
1917.....	295,647	125,732	12,371	.....
1918.....	347,510	202,861	10,002	.....
1918.....	351,519	150,203	3,869	.....

LIVE STOCK EXPORTS.

Year.	Cattle.	Sheep.	Horses.	Mules.
1909.....	184,957	54,613	23,428	4,162
1910.....	109,629	52,638	29,359	6,458
1911.....	164,087	177,069	30,291	4,920
1912.....	46,463	191,963	29,229	4,490
1913.....	26,236	170,411	29,356	5,075
1914.....	8,694	78,227	92,923	13,761
1915.....	16,252	40,501	443,014	122,000
1916.....	12,179	55,089	287,413	134,461
1917.....	20,009	30,300	170,322	72,590
1918.....	17,280	7,962	51,170	17,319

HORSES AND MULES EXPORTED.

Two tabulations show the number of horses and mules exported from the United States, month by month, during the years 1914, 1915, 1916 and 1917.

HORSES.

Year.	1914.	1915.	1916.	1917.
	Number.	Number.	Number.	Number.
JAN....	1,104	34,643	21,593	30,171
FEB....	1,324	36,960	22,543	14,523
MARCH.....	3,071	33,694	23,567	18,905
APRIL.....	5,161	30,736	16,487	16,943
MAY.....	1,301	33,498	18,654	16,437
JUNE.....	1,236	40,083	21,300	18,435
JULY.....	927	47,380	24,715	7,657
AUG.....	804	43,593	29,878	11,047
SEPT.....	7,146	44,345	31,558	9,411
OCT.....	12,091	16,127	29,590	10,008
NOV.....	28,071	25,630	18,044	4,127
DEC.....	30,687	26,325	29,475	12,658
Total.	92,923	443,014	287,413	170,322

MULES.

Year.	1914.	1915.	1916.	1917.
	Number.	Number.	Number.	Number.
JAN....	434	6,900	7,246	10,812
FEB....	625	6,638	11,597	12,908
MARCH.....	569	6,433	7,232	14,186
APRIL.....	630	12,253	5,302	4,006
MAY.....	273	13,043	9,233	5,547
JUNE.....	244	12,916	9,091	4,472
JULY.....	211	15,031	7,456	2,320
AUG.....	108	12,925	16,629	2,392
SEPT.....	181	10,094	17,239	5,361
OCT.....	195	9,396	15,309	4,444
NOV.....	1,035	3,943	15,997	1,218
DEC.....	5,266	11,825	12,130	4,926
Total.	9,771	122,066	134,461	72,590

WOOL PRODUCTION, YEAR BY YEAR.

The following statement represents the United States Department of Agriculture estimate of the wool production of the United States, year by year, since the year 1894, the year of the largest production being 1909, and the smallest in 1898.

Year.	Pounds.	Year.	Pounds.
1894.....	298,057,384	1906.....	298,915,130
1895.....	309,748,000	1907.....	298,294,750
1896.....	272,474,708	1908.....	311,138,321
1897.....	259,153,251	1909.....	328,110,749
1898.....	266,720,684	1910.....	321,362,750
1899.....	272,191,330	1911.....	318,547,900
1900.....	288,636,621	1912.....	304,043,400
1901.....	302,502,328	1913.....	296,175,300
1902.....	316,341,032	1914.....	290,192,000
1903.....	287,450,000	1915.....	285,726,000
1904.....	291,783,932	1916.....	288,490,000
1905.....	205,488,438	1917.....	241,892,000

Horses and Mules Sold.

This tabulated statement is for the last census year. It accounts for about 2,500,000 horses and mules that were raised on farms and ranches in the United States and were available for sale and were sold in one year. It represented the available annual crop of horses and mules at the close of the census year.

State.	No. of Farms Reporting.	Horses Sold.	No. of Farms Reporting.	Mules Sold.
ALA.	5,523	7,787	8,083	12,661
ARIZ.	777	4,357	69	216
ARK.	13,991	22,073	13,210	25,443
CALIF.	7,995	28,989	1,627	8,916
COLO.	5,154	23,321	776	2,697
CONN.	1,202	3,225	8	95
DEL.	665	1,453	140	307
DIST. COL.	4	9	3	8
FLA.	968	1,667	518	892
GA.	3,867	5,453	7,247	15,028
IDAHO.	3,798	13,484	171	495
ILL.	62,018	165,925	16,876	52,426
IND.	46,245	110,115	9,610	32,577
IOWA.	62,087	181,556	5,656	15,612
KAN.	35,743	105,512	17,362	64,924
KY.	23,662	43,301	23,342	60,392
LA.	2,468	4,109	1,417	3,229
ME.	4,758	12,003	25	44
MD.	5,099	10,549	718	1,882
MASS.	1,991	5,963	16	16
MICH.	30,297	52,434	271	484
MINN.	24,448	45,790	375	687
MISS.	5,639	7,975	5,570	9,169
MO.	50,197	124,585	43,293	150,436
MONT.	3,821	31,037	174	950
NEB.	26,729	91,218	5,866	17,541
NEV.	369	6,353	48	254
N. H.	1,616	4,966	7	58
N. J.	2,007	4,921	89	245
N. M.	2,217	11,208	765	2,038
N. Y.	30,632	39,552	196	377
N. C.	7,249	12,236	6,428	10,885
N. D.	11,013	36,983	248	636
OHIO.	49,142	104,500	1,742	3,864
OKLA.	23,373	59,751	17,661	47,193
OREGON.	6,104	21,455	346	1,685
PENN.	29,297	59,232	2,022	5,893
R. I.	193	579	1	8
S. C.	1,648	2,818	2,421	4,346
S. D.	13,851	50,858	634	1,511
TENN.	22,486	39,011	30,327	78,170
TEXAS.	28,529	69,497	27,090	70,975
UTAH.	2,549	7,069	130	382
VT.	3,220	7,158	35	55
VA.	15,148	31,878	3,374	7,021
WASH.	6,028	18,106	317	1,240
W. VA.	11,797	19,456	1,258	2,290
WIS.	25,269	43,656	176	314
WYO.	1,703	12,711	69	295
Total.	715,136	1,768,342	257,800	716,862

Sheep Sold and Slaughtered.

This statement refers to the last census year, when in the United States there were 52,448,000 sheep and lambs. During that year owners of 297,878 farms and ranches reported having sold a total of 18,991,456 sheep, and owners of 69,229 farms and ranches reported that they had slaughtered a total of 529,526. The sheep sold were valued at \$4.34 per head, and the sheep slaughtered at \$4.28 per head.

State.	Farms Reporting.	No. Sheep Sold.	Farms Reporting.	Sheep Slaughtered.
ALA.	1,289	18,539	1,293	5,251
ARIZ.	133	205,496	194	8,425
ARK.	2,533	49,356	1,250	5,705
CALIF.	1,713	815,960	919	35,915
COLO.	879	977,460	577	19,945
CONN.	216	5,887	195	2,685
DEL.	96	1,301	16	87
FLA.	59	2,916	101	1,484
GA.	1,113	14,602	928	3,552
IDAHO.	842	1,021,847	611	8,494
ILL.	12,948	534,030	1,649	4,284
IND.	21,202	584,778	951	3,714
IOWA.	9,925	594,869	2,556	6,180
KAN.	1,262	274,332	546	2,399
KY.	19,243	671,321	3,250	10,650
LA.	375	13,864	678	3,965
ME.	5,978	89,522	1,997	23,277
MD.	3,096	76,827	530	2,952
MASS.	335	6,558	202	2,412
MICH.	36,004	1,110,614	3,012	17,818
MINN.	8,599	242,613	5,418	16,231
MISS.	757	11,329	1,106	4,845
N. H.	24,283	883,160	3,171	7,461
MONT.	711	1,543,632	426	13,785
NEB.	1,459	395,872	551	1,753
NEV.	113	328,046	104	6,973
N. J.	944	14,340	464	5,987
N. M.	403	9,356	149	1,229
N. Y.	1,169	1,009,504	2,275	58,839
N. C.	14,765	403,307	3,155	51,277
N. D.	5,279	75,437	3,026	9,763
N. C.	773	75,459	927	4,342
OHIO.	35,781	1,287,373	2,459	16,754
OKLA.	307	41,768	185	1,129
OREGON.	3,018	998,484	1,395	15,786
PENN.	14,413	320,541	3,007	28,218
R. I.	90	1,133	40	749
S. C.	343	3,894	318	1,400
S. D.	1,631	227,837	1,119	7,246
TENN.	11,178	456,484	3,722	13,490
TEXAS.	1,968	401,433	1,089	9,396
UTAH.	738	425,689	676	16,597
VT.	2,565	64,044	576	6,609
VA.	11,807	410,025	2,580	9,185
WASH.	729	177,169	731	7,380
W. VA.	14,953	410,133	3,173	8,269
WIS.	16,139	397,284	5,437	15,116
WYO.	672	1,276,011	565	20,832
Total.	297,878	18,991,456	69,229	529,526

Rye, Buckwheat and Rice.

Year.	Rye, Acres.	Buckwheat, Acres.	Rice, Acres.
1909.	2,196,000	878,000	610,000
1910.	2,185,000	860,000	723,000
1911.	2,127,000	833,000	696,000
1912.	2,117,000	841,000	723,000
3 Years.	6,429,000	2,534,000	2,142,000
1913.	2,557,000	805,000	827,000
1914.	2,541,000	792,000	694,000
1915.	3,129,000	769,000	803,000
3 Years.	8,227,000	2,366,000	2,324,000
1916.	3,213,000	828,000	869,000
1917.	4,102,000	1,006,000	964,000
1918.	5,435,000	1,045,000	1,120,000
3 Years.	12,750,000	2,879,000	2,953,000

PRODUCTION OF CABBAGE.

The following forecast of the commercial production of cabbage in 1918 is based upon the condition of the crop as reported on September 15 and September 1, 1918, and estimate of the total production in 1917, by states:

State.	Total Production in 1917, Tons.	Condition, Per Cent.	Production, 1918, Tons.
N. Y.	206,590	76	274,350
WIS.	96,760	62	93,000
MICH.	42,330	61	38,130
COLO.	42,570	82	49,720
OHIO.	20,050	53	26,565
MINN.	23,750	85	17,100
VA.	14,620	84	16,160
IOWA.	7,200	82	14,760
IND.	12,350	62	11,220
Total.	475,220	..	541,005
Latest.	475,300	..	565,200

In the year 1765 George Washington received a pair of blooded pigs from the Duke of Bedford, called the Bedford breed.

In 1789 George Washington was President of the United States, and served eight years, to 1797. He was a great stock raiser.

WHAT BECOMES OF THE GRAIN CROPS.

RECEIPTS OF GRAIN AT VARIOUS CITIES IN THE YEAR 1915.

Cities.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.	Total, Bushels.
Chicago, 1915.....	70,704,000	95,357,000	133,475,000	4,648,000	26,167,000	330,351,000
Detroit, 1915.....	2,714,000	3,797,000	4,775,000	539,000	9,000	11,834,000
Buffalo, 1915.....	166,670,198	17,281,413	10,969,616	3,787,863	13,512,782	212,221,872
Montreal, 1915.....	44,450,230	827,328	14,535,411	3,058	1,876,769	61,692,802
Omaha, 1915.....	16,587,600	21,295,200	11,042,000	1,076,000	555,000	53,555,800
Peoria, 1915.....	4,830,625	20,479,375	11,279,800	372,800	2,334,200	39,296,800
Kansas City, 1915.....	58,693,950	20,803,750	6,247,500	361,900	1,817,200	87,294,300
St. Louis, 1915.....	35,250,404	18,917,185	19,402,855	495,463	1,463,170	75,529,077
Indianapolis, 1915.....	4,026,000	16,114,000	8,839,000	205,000	.....	29,184,000
Cincinnati, 1915.....	7,380,386	7,813,414	6,816,890	702,483	601,502	23,314,675
Toledo, 1915.....	9,551,000	4,132,600	6,341,700	118,000	141,700	20,285,000
Cleveland, 1915.....	3,536,597	3,948,169	6,470,005	52,400	123,058	14,130,233
Boston, 1915.....	13,559,148	789,616	3,287,859	400,777	874,682	18,912,082
New York, 1915.....	99,342,750	14,383,985	88,382,922	2,020,500	6,671,785	210,802,092
Philadelphia, 1915.....	34,860,627	3,904,354	18,744,587	1,284,594	667,581	59,461,743
Baltimore, 1915.....	36,303,781	18,739,745	25,742,902	10,218,611	6,103,985	97,109,024
Milwaukee, 1915.....	6,723,175	14,117,585	28,537,780	3,579,250	17,190,720	70,148,510
Duluth, 1915.....	95,122,447	2,357,657	6,482,346	4,056,281	14,342,651	122,361,332
Minneapolis, 1915.....	142,660,370	10,777,330	33,544,950	6,237,490	36,593,780	229,822,920
Galveston, 1915.....	32,881,000	875,000	.....	.....	.....	34,756,000
New Orleans, 1915.....	32,202,000	6,789,000	3,860,000	.....	.....	42,851,000
Portland, Ore., 1915.....	18,418,775	233,750	2,286,400	22,800	2,677,050	23,638,775
San Francisco, 1915.....	2,959,932	368,843	826,052	11,960	7,596,823	11,763,410
Winnipeg, 1915.....	220,480,125	.....	53,844,500	110,000	7,862,650	282,297,275

RECEIPTS OF GRAIN AT VARIOUS CITIES IN THE YEAR 1916.

Cities.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.	Total, Bushels.
Chicago, 1916.....	74,944,000	102,376,000	161,244,000	5,601,000	34,526,000	378,691,000
Detroit, 1916.....	2,539,000	3,835,000	3,933,000	531,000	.....	10,838,000
Buffalo, 1916.....	138,668,781	3,527,207	22,036,301	1,477,346	11,700,053	177,409,688
Montreal, 1916.....	58,382,190	4,773,091	23,799,796	353,896	3,351,922	90,660,895
Omaha, 1916.....	36,831,600	21,466,600	14,570,700	1,163,800	1,136,800	75,169,500
Peoria, 1916.....	3,440,100	37,164,790	11,728,950	629,700	3,333,100	56,296,640
Kansas City, 1916.....	77,785,650	22,186,250	7,961,100	414,700	2,043,000	108,380,700
St. Louis, 1916.....	40,578,583	18,459,835	19,237,385	813,714	1,580,920	80,670,437
Indianapolis, 1916.....	3,292,000	25,166,000	14,596,000	126,000	.....	43,180,000
Cincinnati, 1916.....	7,274,652	9,499,415	7,005,353	660,077	1,498,534	25,938,031
Toledo, 1916.....	6,592,700	3,961,600	4,358,800	135,100	19,000	15,067,200
Cleveland, 1916.....	2,120,979	3,706,405	5,609,815	593,767	68,421	12,099,387
Boston, 1916.....	16,521,474	2,401,678	13,493,560	265,888	564,655	33,247,255
New York, 1916.....	127,316,180	11,055,200	33,277,800	744,700	14,055,023	186,448,903
Philadelphia, 1916.....	42,903,186	4,827,874	13,643,442	384,783	1,155,489	62,914,774
Baltimore, 1916.....	46,289,243	22,069,065	41,230,468	12,577,433	4,986,969	127,153,177
Milwaukee, 1916.....	8,705,256	11,611,530	40,134,900	3,669,240	22,402,760	86,523,686
Duluth, 1916.....	50,691,105	.....	7,299,813	2,850,506	10,621,371	71,462,795
Minneapolis, 1916.....	130,404,830	7,536,220	42,525,860	7,297,320	37,588,460	225,352,690
Galveston, 1916.....	24,076,000	1,038,000	.....	.....	48,113	25,162,113
New Orleans, 1916.....	23,724,000	6,792,000	3,397,000	.....	954,000	34,867,000
Portland, Ore., 1916.....	6,873,997	178,620	3,139,000	44,800	798,094	11,025,511
San Francisco, 1916.....	3,351,223	330,213	2,162,650	32,698	8,408,336	14,285,115
Winnipeg, 1916.....	235,203,800	.....	103,725,450	183,000	11,188,300	350,300,550

RECEIPTS OF GRAIN AT VARIOUS CITIES IN THE YEAR 1917.

Cities.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.	Total, Bushels.
Chicago, 1917.....	31,751,000	70,854,000	125,910,000	4,541,000	22,348,000	356,404,000
Detroit, 1917.....	2,484,000	2,715,000	3,626,000	460,000	.....	9,285,000
Buffalo, 1917.....	97,898,000	12,158,000	48,362,000	3,570,000	11,896,000	163,884,000
Montreal, Can., 1917.....	33,662,446	850,104	13,674,161	216,612	2,815,818	51,219,141
Omaha, 1917.....	13,714,600	29,882,600	20,280,500	875,200	1,711,400	66,640,300
Peoria, 1917.....	2,792,200	29,268,890	16,986,450	220,800	3,297,200	52,563,540
Kansas City, 1917.....	36,954,000	14,017,500	14,917,000	442,200	7,110,000	72,441,600
St. Louis, 1917.....	30,359,894	22,249,732	30,842,635	460,432	1,726,644	85,539,337
Cincinnati, 1917.....	7,517,938	8,939,172	7,073,714	750,664	1,933,828	25,315,336
Toledo, 1917.....	5,443,200	2,227,800	3,720,600	124,100	14,800	11,530,500
Cleveland, 1917.....	2,088,076	2,014,052	4,562,115	267,978	5,064	8,906,285
Boston, 1917.....	7,815,893	805,526	9,570,000	265,880	60,377	18,517,684
New York, 1917.....	78,217,390	13,768,700	38,406,000	3,441,500	11,543,000	145,376,590
Philadelphia, 1917.....	31,285,652	4,034,394	18,974,789	1,205,913	151,477	45,652,225
Baltimore, 1917.....	25,373,787	19,101,062	22,670,743	9,073,836	1,889,769	77,896,197
Milwaukee, 1917.....	7,766,447	11,121,900	29,341,010	2,500,165	16,724,120	67,363,642
Duluth, 1917.....	30,576,769	31,938	5,184,253	3,800,739	8,559,418	48,153,117
Minneapolis, 1917.....	101,021,250	8,065,390	29,382,000	9,212,550	27,791,110	175,472,190
Galveston, 1917.....	14,060,965	556,899	929,350	150,000	865,103	16,562,317
New Orleans, 1917.....	17,005,657	3,764,847	9,247,100	281,442	8,869,893	39,168,939
Port Arthur, Can., 1917.....	160,961,158	.....	47,761,375	159,647	6,760,000	205,742,180
Winnipeg, 1917.....	188,299,650	.....	66,311,700	324,000	7,016,100	261,951,450

THE SIZE OF AMERICAN FARMS.

The following tabulated statement is an exhibit of the different sized farms in the United States, showing the number in each state in each class. On page 4 will be found a memorandum of the total number of each size in the United States:

States.	Farms less than 3 Acres.	Farms 3 to 9 Acres.	Farms 10 to 19 Acres.	Farms 20 to 49 Acres.	Farms 50 to 99 Acres.	Farms 100 to 174 Acres.	Farms 175 to 250 Acres.	Farms 260 to 499 Acres.	Farms 500 to 999 Acres.	Farms ex- ceeding 1,000 Acres.
ALA.	130	13,613	28,115	106,841	55,448	35,563	11,932	8,161	2,276	822
ARIZ.	1,595	912	839	1,447	820	2,591	263	494	164	72
ARK.	114	6,270	29,875	74,983	45,373	39,353	11,135	6,014	1,163	398
CALIF.	1,269	9,324	11,932	20,614	10,680	12,015	4,689	7,862	5,119	4,693
COLO.	569	2,222	2,279	3,882	4,384	16,355	3,004	9,472	2,426	1,577
CONN.	223	2,693	3,119	6,306	6,634	4,999	1,702	911	188	40
DEL.	32	672	831	1,988	2,977	2,849	994	435	52	6
D. C.				217						
FLA.	307	3,758	5,019	17,169	9,999	8,178	2,589	1,956	670	371
GA.	98	8,602	20,929	117,432	68,510	42,275	16,436	11,274	3,950	1,521
IDAHO.	189	875	941	4,048	5,820	11,891	2,519	3,347	921	256
ILL.	845	9,191	10,258	33,322	57,917	80,539	38,315	19,440	1,842	203
IND.	441	11,508	11,695	40,161	67,221	57,261	18,081	8,026	949	142
IOWA.	392	7,295	6,037	15,687	38,712	80,121	40,304	25,861	2,430	214
KAS.	220	4,221	3,601	10,738	26,151	57,789	26,590	34,696	10,475	3,360
KY.	315	21,777	33,380	58,737	65,578	50,134	17,315	9,324	2,181	444
LA.	344	6,671	22,241	46,389	20,248	13,681	4,645	3,761	1,548	1,013
MAINE.	118	3,456	3,539	9,492	17,895	16,633	5,653	2,640	461	129
MD.	148	4,977	5,107	8,629	9,946	11,457	5,043	3,027	506	83
MASS.	833	4,817	4,956	8,890	7,981	5,703	2,147	1,178	319	93
MICH.	387	6,679	7,719	49,890	73,748	50,622	12,426	4,717	607	165
MINN.	294	2,555	2,770	12,028	26,571	55,424	27,972	24,864	3,359	300
MISS.	240	11,132	55,571	112,666	44,645	80,172	10,132	6,983	2,061	780
MO.	455	8,561	10,740	47,398	74,178	80,020	32,109	19,812	3,427	544
MONT.	274	229	252	956	1,260	10,552	1,566	6,773	3,353	1,992
NEB.	129	2,298	1,931	4,558	12,618	43,916	20,743	26,490	13,128	3,867
NEV.	87	79	105	320	411	555	174	366	248	344
N. H.	92	2,357	2,146	4,509	6,248	6,247	2,964	1,810	513	167
N. J.	541	3,256	4,276	7,607	8,194	7,207	1,659	576	112	59
N. MEX.	988	3,212	2,685	2,812	1,820	15,363	1,353	6,035	836	572
N. Y.	1,424	17,231	15,533	31,047	56,821	61,031	21,901	9,262	1,104	243
N. C.	116	14,868	28,240	75,629	62,157	43,987	15,629	9,625	2,669	805
N. DAK.	54	82	93	450	1,207	23,003	5,345	29,048	12,662	2,416
OHIO.	749	19,448	18,716	50,331	88,047	68,746	18,211	6,902	783	112
OKLA.	104	1,975	5,079	31,489	39,002	75,186	16,078	17,734	2,688	857
OREGON.	244	2,639	3,147	6,888	6,800	12,009	3,680	5,663	2,716	1,716
PA.	972	19,130	18,556	39,721	65,687	55,518	14,096	4,816	632	167
R. I.	145	585	647	1,144	1,264	945	312	175	51	24
S. C.	53	14,218	23,714	70,582	33,147	19,427	7,164	5,375	1,942	812
S. DAK.	199	341	368	1,121	2,406	28,396	8,230	24,811	9,698	2,174
TENN.	143	14,713	32,485	72,212	60,105	41,545	14,149	8,301	1,878	481
TEXAS.	411	9,069	19,891	98,583	112,237	94,574	31,864	27,185	12,833	11,123
UTAH.	297	1,836	2,541	5,550	4,170	3,660	1,372	1,309	551	390
VT.	60	2,581	1,937	3,481	5,910	9,492	5,194	3,322	607	125
VA.	227	17,464	22,055	45,890	38,342	32,997	1,963	11,132	3,450	992
WASH.	563	4,593	5,373	10,252	7,105	13,884	3,089	6,126	3,481	1,726
W. VA.	117	7,419	7,863	20,323	26,806	20,156	7,481	4,767	1,316	437
WIS.	273	5,491	4,883	23,460	54,007	58,439	20,196	9,274	966	141
WYO.	284	83	53	338	645	3,816	785	2,846	984	1,155

COMPARATIVE GRAIN CROPS OF UNITED STATES FOR A SERIES OF YEARS.

Crop.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.
1887.	450,329,000	1,456,161,000	659,618,000	20,691,000	56,812,000
1888.	414,868,000	1,987,790,000	701,735,000	28,415,000	63,884,000
1889.	490,500,000	2,115,592,000	751,515,000	28,500,000	66,000,000
1890.	399,262,000	1,898,970,000	523,621,000	29,000,000	58,800,000
1891.	611,780,000	2,060,154,000	738,394,000	36,000,000	77,400,000
1892.	515,949,000	1,628,464,000	661,035,000	36,000,000	76,460,000
1893.	396,131,725	1,619,496,131	638,854,850	26,555,446	69,869,495
1894.	460,267,416	1,212,770,052	662,036,928	26,737,615	61,400,465
1895.	467,102,947	1,151,138,580	824,443,537	27,210,070	87,072,741
1896.	427,634,346	2,283,875,165	707,346,404	24,369,047	69,695,223
1897.	530,149,168	1,902,967,933	698,767,809	7,363,324	66,685,127
1898.	675,148,705	1,924,184,660	730,906,643	25,657,522	55,792,257
1899.	547,303,846	2,078,143,933	796,177,713	23,961,741	73,381,563
1900.	522,229,505	2,105,102,516	809,125,989	23,995,927	58,925,833
1901.	748,460,218	1,522,519,891	736,808,724	30,344,830	109,932,924
1902.	670,063,008	2,223,648,812	987,842,712	33,630,592	134,954,023
1903.	637,821,835	2,544,176,925	734,094,199	29,363,419	131,861,391
1904.	552,399,517	2,467,480,934	954,595,552	27,234,565	139,748,958
1905.	692,979,489	2,707,993,540	893,216,197	27,016,045	136,651,020
1906.	735,260,970	2,927,416,091	964,904,523	33,374,833	178,916,484
1907.	634,987,000	2,592,320,000	754,443,000	31,560,000	153,597,000
1908.	664,602,000	2,668,651,000	807,156,000	31,851,000	166,756,000
1909.	683,350,000	2,552,190,000	1,007,129,000	29,520,000	176,321,000
1910.	635,121,000	2,886,260,000	1,186,341,000	34,897,000	173,832,000
1911.	621,338,000	2,531,488,000	922,298,000	33,119,000	160,240,000
1912.	730,267,000	3,124,746,000	1,418,337,000	35,664,000	223,824,000
1913.	763,380,000	2,446,988,000	1,121,768,000	41,381,000	178,189,000
1914.	891,017,000	2,672,804,000	1,141,060,000	42,779,000	194,953,000
1915.	1,011,505,000	3,054,535,000	1,540,362,000	49,190,000	237,009,000
1916.	639,886,000	2,583,241,000	1,251,992,000	47,383,000	150,827,000
1917.	636,655,000	3,065,233,000	1,592,740,000	62,933,000	211,759,000
1918.	917,100,000	2,582,814,000	1,538,359,000	89,103,000	256,375,000

FARM TENURE—WHITE AND COLORED.

In the United States at the last census 5,540,619 farms were in the hands of white farmers and 920,883 farms were in the hands of colored farmers. White owners cultivating their own farms were 3,707,501, and colored farmers cultivating their own farms were 241,221. White farm managers conducted 56,560 farms and 1,544 colored men managed other people's farms. There were 1,676,558 farms rented by white tenants and 678,118 farms rented by colored tenants.

State.	WHITE FARMERS.		COLORED FARMERS.	
	Owners.	Tenants.	Owners.	Tenants.
ALA.	86,847	594	65,017	17,082
ARIZ.	5,054	152	818	3,149
ARK.	91,987	717	58,381	14,662
CALIF.	65,694	3,355	16,070	938
COLO.	36,527	86	8,293	4,666
CONN.	23,155	937	2,610	76
DEL.	5,772	197	4,035	406
D. C.	110	14	81	8
FLA.	28,101	1,174	6,020	7,298
GA.	82,930	1,296	84,212	15,698
IDAHO.	26,826	450	3,126	343
ILL.	144,318	2,368	103,761	789
IND.	148,029	2,282	64,369	472
IOWA.	132,867	1,924	82,052	136
KAS.	110,010	1,314	64,826	1,098
KY.	164,403	953	82,099	5,929
LA.	42,264	873	22,530	10,725
MAINE.	56,429	998	2,560	25
MD.	29,569	901	12,081	3,950
MASS.	31,966	1,859	2,968	10
MICH.	171,525	1,952	32,537	785
MINN.	211,910	1,220	32,714	194
MISS.	67,040	719	41,886	25,026
MO.	190,176	1,960	81,442	2,109
MONT.	22,198	502	2,318	1,167
NEB.	78,881	986	49,349	369
NEV.	2,637	130	325	152
N. H.	24,481	680	1,887	12
N. J.	23,868	1,033	8,110	265
N. M.	31,277	317	1,934	2,121
N. Y.	165,866	4,037	44,755	808
N. C.	123,877	1,014	63,148	21,443
N. D.	62,485	482	10,650	727
OHIO.	190,791	2,725	76,579	1,313
OKLA.	74,250	624	94,643	11,150
ORE.	37,318	839	6,718	478
PENN.	163,888	3,930	50,931	341
R. I.	4,058	251	942	29
S. C.	43,978	732	34,926	20,372
S. D.	55,248	422	19,166	7,736
TENN.	133,425	775	73,504	10,700
TEX.	174,631	2,251	170,970	21,232
UTAH.	19,546	193	1,661	216
VA.	101,436	1,445	33,023	32,228
VT.	28,048	635	4,066	17
WASH.	46,894	950	7,313	701
W. VA.	75,420	865	19,692	558
WIS.	150,473	1,447	21,616	447
WYO.	9,781	310	894	61

U. S.	3,707,501	1,676,558	1,544
U. S.	56,560	241,221	678,118

FOOD SUPPLIES OF COUNTRIES.

The following table gives estimated values of relative imports, exports and production of foodstuffs in the countries named (on the basis of 100 representing their consumption) prior to the outbreak of the war. It may surprise some persons to observe that before the war the United States imported more foodstuffs than she exported. The principal exports of foodstuffs from the United States are grain and meats, but these did not equal in value the imports of sugar and coffee. In addition to these much of our imports are tropical or subtropical fruits.

Countries.	Index Numbers of Foodstuffs Imported, Exported, Produced and Consumed, Furnished by the United States Department of Agriculture.			
	Con- sump- tion.	Im- ports.	Ex- ports.	Pro- duc- tion.
UNITED KINGDOM.	100	56.3	9.1	52.8
FRANCE.	100	12.2	5.7	93.5
RUSSIA.	100	2.8	12.4	109.6
BELGIUM.	100	62.8	20.1	57.3
UNITED STATES.	100	10.2	7.4	97.2
CANADA.	100	12.5	35.3	122.3
ARGENTINA.	100	5.3	53.3	148.0
GERMANY.	100	20.8	8.4	87.6
AUSTRIA-HUNGARY.	100	7.8	6.2	98.4

IMPROVED AND UNIMPROVED LAND.

NOTE.—Farm land is divided by the Census Department into three classifications: 1. Improved land includes all land regularly tilled or mowed, land pastured and cropped in rotation, land lying fallow, land in gardens, orchards, vineyards and nurseries and land occupied by farm buildings. 2. Woodland includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products. 3. Unimproved land includes brush land, rough or stony land, swamp land and any other land which is not inclosed or is in forests.

State.	Acreage in Farms.		Acreage im- proved.		Acreage in unim- proved.	
	Farms.	im- proved.	Timber.	in unim- proved.		
ALA.	20,732,312	9,693,518	9,444,704	1,593,967		
ARIZ.	1,246,613	350,173	100,061	796,379		
CAL.	27,931,444	11,389,894	4,541,767	11,999,383		
COL.	13,532,115	4,302,101	891,698	8,338,314		
CONN.	2,185,788	988,253	757,743	439,793		
DEL.	1,038,866	713,538	252,034	73,296		
D. C.	6,063	5,133	689	241		
FLA.	5,253,538	1,805,518	3,007,638	440,422		
GA.	26,935,413	12,298,017	13,093,741	1,652,653		
IDA.	5,283,604	2,776,740	584,556	1,926,308		
ILL.	32,252,937	28,048,323	3,147,879	1,326,735		
IND.	21,999,823	16,931,252	3,370,791	997,780		
IA.	33,903,683	29,491,199	2,314,115	2,125,374		
KAS.	43,384,790	29,040,067	1,205,910	12,742,822		
KY.	22,189,127	13,354,471	6,951,626	883,030		
LA.	10,439,481	5,276,016	4,316,561	846,904		
ME.	6,296,859	2,360,657	2,775,621	1,160,581		
MD.	5,057,140	3,354,767	1,467,333	235,010		
MAS.	2,375,911	1,161,501	1,064,583	646,887		
MCH.	18,940,614	12,832,078	2,927,554	3,180,982		
MIN.	27,675,823	19,643,533	3,922,391	4,109,899		
MIS.	18,557,533	9,008,310	7,883,555	1,665,665		
MO.	34,691,248	24,581,186	8,918,972	1,091,000		
MONT.	13,545,603	3,640,389	595,870	9,309,424		
NEB.	38,622,021	24,382,577	803,206	13,436,238		
NEV.	2,714,757	752,117	49,209	1,914,431		
N. H.	3,249,458	929,185	1,502,389	817,884		
N. J.	2,573,857	1,803,336	538,131	232,390		
N. M.	11,270,201	1,467,191	1,491,025	8,311,805		
N. Y.	22,030,367	14,844,039	4,436,145	2,750,183		
N. C.	32,439,129	8,813,056	12,451,739	1,174,334		
N. D.	28,426,650	20,455,092	421,877	7,549,681		
O.	24,105,708	19,227,939	3,285,376	1,592,363		
OKL.	38,859,353	17,551,337	3,568,910	9,739,106		
ORE.	11,685,110	4,274,303	2,287,826	5,172,481		
PA.	18,868,832	12,673,519	4,289,439	1,631,874		
R. I.	443,308	178,344	185,909	79,053		
S. C.	13,512,028	6,097,999	9,339,142	1,074,887		
S. D.	26,910,892	15,287,208	383,144	9,066,540		
TEN.	20,041,657	10,890,484	8,007,733	1,143,440		
TX.	112,435,067	27,360,666	27,658,118	57,415,983		
UTAH.	3,971,699	1,368,211	145,510	1,883,973		
VT.	4,663,577	1,633,965	1,566,698	1,492,914		
VA.	19,495,636	9,870,058	6,114,680	1,200,893		
WAS.	11,712,235	6,373,311	1,541,551	3,797,373		
W. VA.	10,026,442	5,521,757	3,968,836	535,849		
WIS.	21,060,066	11,907,606	5,377,580	3,774,880		
WYO.	8,543,010	1,256,160	252,152	7,034,693		

878,798,323	190,865,558	209,481,022
478,481,750		

MERCHANTABLE CORN CROP.

The total corn crop and the portion estimated to be of merchantable quality, by years, is given below:

1902	2,523,648,000	76.2	1,923,292,000
1903	2,244,177,000	76.0	1,706,006,000
1904	2,467,481,000	84.8	2,091,195,000
1905	2,707,994,000	88.4	2,394,462,000
1906	2,927,416,000	89.1	2,609,060,000
1907	2,592,320,000	77.7	2,013,208,000
1908	2,668,651,000	88.2	2,353,370,000
1909	2,552,190,000	82.5	2,104,775,000
1910	2,886,260,000	86.4	2,492,763,000
1911	2,531,488,000	80.1	2,027,922,000
1912	3,124,746,000	85.0	2,654,907,000
1913	2,446,988,000	80.1	1,961,058,000
1915	2,994,793,000	71.1	2,127,965,000
1916	2,566,927,000	83.9	2,154,487,000
1917	3,065,223,000	60.0	1,837,728,000
1918	2,582,814,000	82.5	2,129,764,000

John Bartram, born in 1699, died in 1777. He was called the "Father of American Botany." He founded at Kingsessing the first American Botanical Garden and published many valuable writings on botanical subjects.

(CONTINUED FROM PAGE 16.)

SNYDER, DR. H. L., Pure-Bred Percheron Horses, WINFIELD, KAS.
Sutton Ranch, Angus Cattle, Russell, Kas.
STEGELIN, ED, Breeder of Polled Durham Cattle, STRAIGHT CREEK, KAS.
STUBB'S FARM, Breeders of Holstein Cattle, MULVANE, KAS.
TAYLOR, C. W., Pearl Herd of Shorthorn Cattle, ABILENE, KAS.
WALKER, PHIL., Breeder of Jacks and Jennets, MOLINE, KAS.
WAYDE, E. M., Pure-Bred Poland-China Hogs, BURLINGTON, KAS.
WHITE, D. J., Breeder of Aberdeen-Angus Cattle, CLEMENTS, KAS.
WOODDELL, G. B., Breeder of Duroc-Jersey Swine, WINFIELD, KAS.
WOOD'S DUROC FARM (F. F. WOOD, Prop.), Duroc-Jersey Swine, WAMEGO, KAS.

KENTUCKY.

ARBuckle, M. B., Breeder of Pure-Bred Shorthorn Cattle, RICHMOND, KY.
ASBURY, H. T., Breeder of Pure-Bred Shorthorn Cattle, AUGUSTA, KY.
BASS, S. A., Breeder of Pure-Bred Shorthorn Cattle, RUSSELLVILLE, KY.
BEAN, W. E., Live Stock Buying Agent, MT. STERLING, KY.
BIGSTAFF, T. J., Pure-Bred Poland-Chinas, MT. STERLING, KY.
BLACKERBY, R. M., Breeder of Pure-Bred Shorthorn Cattle, STANFORD, KY.
BYRNE, L. L., Breeder of Pure-Bred Shorthorn Cattle, UNIONTOWN, KY.
CALLAWAY, J. H., Breeder of Shorthorn Cattle, SMITHFIELD, KY.
CARNES, J. T., Breeder of Pure-Bred Shorthorn Cattle, MENTOR, KY.
CARPENTER, C. C., Breeder of Jacks and Jennets, R. R. 2, HOUSTONVILLE, KY.
CLARKSON, R. C., Breeder of Shorthorn Cattle, LEBANON, KY.
CONNER, HUBERT, Pure-bred Holstein Cattle, BURLINGTON, KY.
COOK FARMS, THE, Mammoth Jacks, Saddle and Show Horses, LEXINGTON, KY.
CURD, NAT. B., Live Stock and Real Estate Auctioneer, BOWLING GREEN, KY.
DAWSON, MRS. CLARENCE, White Wyandottes, R. R. 3, SHEPHERDSVILLE, KY.
DENNY, W. B., Breeder of Red Berkshire Swine, R. R. 1, LANCASTER, KY.
FELTNER, AUBREY B., Breeder of Pure-Bred Poland-China Swine, LONDON, KY.
FISCHER, SAM. & SONS, Breeders of Shorthorns and Polled Durhams, TUNNEL HILL, KY.
FOREST HOME FARMS, McKee Bros., Props., Duroc-Jerseys, VERSAILLES, KY.
Gager, C. B., Shorthorns, Paris, Ky.
GILTNER, R. R., Breeder of Kentucky Herefords, EMINENCE, KY.
GODDARD, R. E., Dealer in Harness and Saddle Horses, HARRODSBURG, KY.
GLENWORTH FARMS, A. S. Edelen, Owner, Kentucky Stallions, Mares and Geldings, also Jack Stock, BURGIN, KY.
HAINLINE, C. B., Breeder of Jacks and Jennets, R. R. 6, MT. STERLING, KY.
HAMMAN, MRS. H. J., Barred Plymouth Rocks, CLOVERPORT, KY.
HANCOCK, A. B., Breeder of Pure-Bred Shorthorn Cattle, PARIS, KY.
HENGST, F. D., Live Stock Auctioneer, 35 Paul Jones Bldg., LOUISVILLE, KY.
HOLMAN, W. A., Live Stock and Farm Auctioneer, ADAIRVILLE, KY.
HOWARD, S. J., Breeder of O. I. C. Swine, HENDERSON, KY.
HUTSELL, J. M., Breeder of Mammoth Jacks, R. R. 3, MT. STERLING, KY.
IGLEHEART, COL. H. L., Live Stock Auctioneer, ELIZABETHTOWN, KY.

JOHNSON, W. W., Registered Poland-China Hogs, DANVILLE, KY.
JONES, W. M., & SON, Horse Breeders and Dealers, NORTH MIDDLETOWN, KY.
KENTUCKY JACK FARM (J. E. Wright, Owner), Breeder of Mammoth Jacks and Jennets, JUNCTION CITY, KY.
KENTUCKY PURE-BRED LIVE STOCK ASSOCIATION. All Kinds of Pure-bred Live Stock. Write For Sale Bulletin. L. B. Shropshire, Secretary, Republic Bldg., LOUISVILLE, KY.
KERFOOT, J. O., Jersey Cattle and Duroc-Jersey Hogs, R. R. 3, ELIZABETHTOWN, KY.
LAND, A. M., & CO., Pure-bred Jacks and Jennets, NICHOLASVILLE, KY.
LONGVIEW STOCK FARM, Angus Cattle and Berkshires, SHEPHERDSVILLE, KY.
MARAMAN, GEO. W., & SONS, Chester White and O. I. C. Hogs, SHEPHERDSVILLE, KY.
MARVIN, C. E., Breeder of Shetland Ponies, PAYNES DEPOT, KY.
MAYES, E. S., Breeder of Duroc-Jersey Swine, SPRINGFIELD, KY.
MAYFIELD FARM, Breeders of Duroc-Jersey Swine, LEXINGTON, KY.
Mixer Farms, Guernseys, Hardwick, Kas.
MOORELAND, R. E., Harness and Saddle Horses, LEXINGTON, KY.
MORTON, W. WARREN, Spotted Polands and Tamworth Swine, RUSSELLVILLE, KY.
NEWMAN & BOWLES, Breeders of Holstein Cattle, BARDSTOWN, KY.
NORTHCUTT, JOHN K., Durocs and Shorthorns, CYNTHIANA, KY.
PEMBERTON, C. L., Dealer in Gaited Saddle Horses, ELIZABETHTOWN, KY.
PRICE, W. B., Eminence Stock Farm, Holsteins, EMINENCE, KY.
ROARING BROOK FARM, Saddle Horses, Shorthorn and Jersey Cattle, BURGIN, KY.
SAUNDERS, U. G., Springdale Stock Farm, Hereford Cattle, LEXINGTON, KY.
SHEEHAN, JOHN A., Grower of Sweet Clover Seed, R. 4, FALMOUTH, KY.
SIMPSON, JOHN W., Saddlers and Jacks and Jennets, BRONSTON, KY.
SHROPSHIRE, W. G., Breeder and Dealer in Saddle Horses, WINCHESTER, KY.
TURLEY, W. B., Kentucky Red Berkshires, RICHMOND, KY.
VAUGHAN, EDGAR, Registered Jersey Cattle, SHELBYVILLE, KY.
VEATCH, J. A., & CO., Jennets and Mules, HARRODSBURG, KY.
WILSON, J. H., Pure-bred Hereford Cattle, EMINENCE, KY.
WRAY, WILL T., Enterprise Farms, Russian Sunflowers, BARDWELL, KY.

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shire Swine, R. 6, FREEPORT, OHIO.

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Mules and Percherons, EATON, OHIO.

WALKER, DR. H. F., Breeder of Regis-
tered Jersey Cattle, WILLIAMSBURG, OHIO.

WALKER, J. F., Woodbine Farm Merino
Sheep, GAMBLER, OHIO.

WARSTLER, GEO., & SONS, Registered
Holsteins, JUSTUS, OHIO.

WELLINGTON STOCK FARM, Pure-Bred
Holsteins, WELLINGTON, OHIO.

WHINNERY, WILLIS, Registered Jerseys,
SALEM, OHIO.

WILDERSON, C. G., Pure-Bred Guernsey
Cattle, LEETONIA, OHIO.

WILLIAMSON, J. C., Breeder of Oxford
Down Sheep, XENIA, OHIO.

WOODSIDE FARMS (W. H. Butler),
Percheron Horses, SANDUSKY, OHIO.

YAUSSY, GODFREY, Pure-Bred Holstein
Cattle, BUCYRUS, OHIO.

YODER, J. S., Pure-Bred Guernsey Cattle,
WOOSTER, OHIO.

ZEHRING, OSCAR O., Prize Winning Hol-
stein-Friesians, GERMANTOWN, OHIO.

OKLAHOMA.

AKIN, LEE A., Breeder of Pure-Bred
Shorthorn Cattle, WATONGA, OKLA.

ALLISON, A. R., Breeder of Pure-Bred
Shorthorn Cattle, MEDFORD, OKLA.

AUSTIN, CHAS., Breeder of Pure-Bred
Poland-China Swine, RED OAK, OKLA.

BAKER, T. A., Breeder of Pure-Bred
Shorthorn Cattle, WATONGA, OKLA.

BALL, FRED S., Auctioneer, Live Stock
and Farm Sales, EL RENO, OKLA.

BARKLEY, G. W., Breeder of Pure-Bred
Shorthorn Cattle, SEILING, OKLA.

BERNER, J. F., Breeder of Pure-Bred
Shorthorn Cattle, GOTEBO, OKLA.

BISHOP, E. F., Breeder of Pure-Bred
Shorthorn Cattle, HOBART, OKLA.

BOUSE, R. P., Breeder of Pure-Bred
Shorthorn Cattle, HELENA, OKLA.

BRASIER, A. J., Breeder of Pure-Bred
Shorthorn Cattle, CLAREMORE, OKLA.

BROWDER, J. A., Breeder of Pure-Bred
Shorthorn Cattle, ASHER, OKLA.

BROWNE, V. B., Breeder of Pure-Bred
Shorthorn Cattle, MAY, OKLA.

BRYAN, E. M., Breeder of Pure-Bred
Shorthorn Cattle, LEEDEY, OKLA.

BUCK, C. I., Registered Hampshire Swine,
CANTON, OKLA.

BURNS, J. A., Breeder of Pure-Bred
Shorthorn Cattle, NOWATA, OKLA.

CADDO MEBANE COTTON SEED CO.,
Mebane Triumph Cotton Seed, CADDO, OKLA.

CALLAHAN, E. J., Breeder of Pure-Bred
Shorthorn Cattle, LONE WOLF, OKLA.

CAVETT, J. F., Breeder of Pure-Bred
Shorthorn Cattle, PAWNEE, OKLA.

CLARK, JOE F. H., Breeder of Duroc-
Jersey Swine, CUSTER CITY, OKLA.

COMMERCIAL LAND CO., Breeders of
Reg. Hereford Cattle, MUSKOGEE, OKLA.

CROSBIE, J. E., Breeder of Pure-Bred
Shorthorn Cattle, TULSA, OKLA.

DELLINGER, W. A., Breeder of Pure-
Bred Poland-Chinas, FORT COBB, OKLA.

DRUM, F. H., Breeder of Pure-Bred
Shorthorn Cattle, BEAVER, OKLA.

ENGRAM, I. A., Breeder of Pure-Bred
Shorthorn Cattle, EARLSBORO, OKLA.

FILLMORE, D. H., Breeder of Pure-Bred
Shorthorn Cattle, STILLWATER, OKLA.

FINERTY FARMS, Duroc-Jersey Swine,
Box 672, OKLAHOMA CITY, OKLA.

GRAHAM, C. A., Breeder of Pure-Bred
Shorthorn Cattle, TULSA, OKLA.

HENTHORN, A. J., Breeder of Percheron
Horses, OKLAHOMA CITY, OKLA.

HERRIF, E. F., Auctioneer, Live Stock
and Farm Sales, APACHE, OKLA.

HILLDALE FARMS, Duroc-Jersey
Swine, R. 5, OKLAHOMA CITY, OKLA.

HOLMAN, H. H., Breeder of Pure-Bred
Shorthorn Cattle, WETUMKA, OKLA.

HOPKINS, J. H., Breeder of Pure-Bred Shorthorn Cattle, CASHION, OKLA.
 HURT, FLOYD, Live Stock Auctioneer, Pure-Bred Stock, EDMOND, OKLA.
 JACKSON, J. H., Pure-Bred Percheron Horses, ENID, OKLA.
 KERSHAW, L. R., Aberdeen-Angus Cattle, MUSKOGEE, OKLA.
 KIME, CHAS. C., Big-Type Poland-Chinas, R. 2, CHICKASHA, OKLA.
 LOOKABAUGH, H. C., Breeder of Shorthorn Cattle, WATONGA, OKLA.
 McCORD BROS., Big-Type Poland-China Swine, PAULS VALLEY, OKLA.
 MIDDLETON, D. F., Breeder of Pure-Bred Shorthorn Cattle, CUSTER, OKLA.
 NORMAN, E. E., Breeder of Pure-Bred Shorthorn Cattle, WEATHERFORD, OKLA.
 OGDEN, GEORGE, Breeder of Belgian Hares, DUNCAN, OKLA.
 RICHARDSON, D. M., Breeder of Champion Duroc-Jersey Swine, ALTUS, OKLA.
 ROSS FRUIT FARM, Strawberries, Blackberries and Dewberries, DURANT, OKLA.
 SMYERS, C. W., Breeder of Pure-Bred Shorthorn Cattle, WHEATLAND, OKLA.
 TROTTER, JOHN A., Breeder of Pure-Bred Shorthorn Cattle, MANGUM, OKLA.
 WIRICK, J. E., Breeder of Pure-Bred Shorthorn Cattle, CLEO, OKLA.
 YODER, W. W., Breeder of Pure-Bred Shorthorn Cattle, BLANCHARD, OKLA.
 YOUNG, W. G., Breeder of Duroc-Jersey Swine, R. 2, CANUTE, OKLA.
 ZACHARY, W. T., Breeder of Pure-Bred Shorthorn Cattle, MARLOW, OKLA.
 ZALONDEK, J. A., Breeder of Pure-Bred Shorthorn Cattle, HILLSDALE, OKLA.
 ZELLNER, JOHN A., Breeder of Pure-Bred Poland-Chinas, ARDMORE, OKLA.

OREGON.

ALLEN, JESSE, Breeder of Pure-Bred Shorthorn Cattle, WALLOWA, OREGON.
 BARNETT, E. E., Breeder of Pure-Bred Poland-Chinas, PARK PLACE, OREGON.
 BARTON, RALPH A., Breeder of Pure-Bred Shorthorns, FRUITA, OREGON.
 BLEVANS, S. A., Breeder of Pure-Bred Shorthorn Cattle, JOSEPH, OREGON.
 BOYCE, R. E., Breeder of Shorthorn Cattle, BAKER, OREGON.
 BOYD, DANIEL, Breeder of Pure-Bred Shorthorn Cattle, ENTERPRISE, OREGON.
 BROWN, FRANK, Breeder of Pure-Bred Shorthorn Cattle, CARLTON, OREGON.
 BROWN, RANDOLPH, Pure-Bred Ayrshires, R. 3, JUNCTION CITY, OREGON.
 BRUGGER, THEO., Brown Swiss Stock Farm, R. R. 3, GRESHAM, OREGON.
 BURT, G. W., White Leghorn Baby Chicks, ROSEBURG, OREGON.
 CARMICHAEL, THOS., Pure-Bred Holstein Cattle, GASTON, OREGON.
 CARY, ED., Pure-Bred Jersey Cattle, CARLTON, OREGON.
 CLARK, W. H., Breeder of Pure-Bred Shorthorn Cattle, LENA, OREGON.
 CONLEY, ARCHIE, Pure-Bred Chester White Swine, COVE, OREGON.
 CRAFT, W. A., Breeder of Pure-Bred Poland-Chinas, SHERIDAN, OREGON.
 CUMMINGS, W. O., Breeder of Pure-Bred Shorthorn Cattle, MT. VERNON, OREGON.
 DICKSON, J. M., & SON, Ashburn Farm Jerseys, SHEDD, OREGON.
 DOERFLER, F. A., Mellow Lawn Jerseys, SILVERTON, OREGON.
 EASTERN OREGON JACK FARM, B. F. Swaggart, Prop., LEXINGTON, OREGON.
 FOX, RAY J., Breeder of Pure-Bred Poland-China Swine, LYONS, OREGON.
 FRUITTS, J. M., Breeder of Hampshire Swine, ENTERPRISE, OREGON.
 GRANT, U. S., Breeder of Registered Angoras, DALLAS, OREGON.
 GREEN, W. E., Breeder of Pure-Bred Shorthorn Cattle, UNION, OREGON.

HARRISON, J. C., Breeder of Pure-Bred Poland-China Swine, SHEDDS, OREGON.
 HUBBARD, J. G. S., & SONS, Hampshire, Southdown and Lincoln Sheep, MONROE, OREGON.
 HULBERT, RILEY E., Breeder of Jersey Cattle, ALBANY, OREGON.
 HUNTER, A. R., Hunter Ranch Percherons, ISLAND CITY, OREGON.
 JOHNSON, ERNEST, Pure-Bred Holstein Cattle, SCAPOOSE, OREGON.
 LADD FARM, Breeder of Jersey Cattle, OSWEGO, OREGON.
 Mann, J. M. Milch Goats, Portland, Oregon.
 McARTHUR & STAUFF, Ashwood Farm Jerseys, RICKREALL, OREGON.
 METZ—S. METZ & SONS, Percheron, Belgian and Shire Stallions and Mammoth Kentucky Jacks, PENDLETON, OREGON.
 MIDDLEDALE FARMS GUERNSEYS, May Rose Breeding, GOSHEN, OREGON.
 MORROW, W. O., A. J. C. C. Jersey Cattle, INDEPENDENCE, OREGON.
 MOUNTAIN BROOK POULTRY FARM, Mr. and Mrs. W. A. Newton, MYRTLE CREEK, OREGON.
 NEEDHAM, FRANK, Breeder of Poland-China Swine, EUGENE, OREGON.
 NEUENSCHWANDER, WM., Pure-Bred Yorkshire Swine, GASTON, OREGON.
 PICKARD BROS., Golden Glow Jerseys, MARION, OREGON.
 PIERCE, F. A., Breeder of Angora Goats, ISOLATE, OREGON.
 POLLMAN, WM., Stock and Grain Farmer, P. O. Box 276, BAKER, OREGON.
 RHOTEN FARM, Vetch, Clover, Timothy, SALEM, OREGON.
 RIDDELL—WM. RIDDELL, JR., Romney Cattle, MONMOUTH, OREGON.
 SCHOEL, ED., Blue Ribbon Chester White Swine, SUVER, OREGON.
 SENDERS, M., & CO., Red and Alsike Clover, ALBANY, OREGON.
 SMITH, "THE CALF MAN," Dairy Calves a specialty, TILLAMOOK, OREGON.
 SITTON, MRS. E. D., Mammoth White Holland Turkeys, CARLTON, OREGON.
 STARK, C. A., Barred Plymouth Rocks, Box 242, SUTHERLIN, OREGON.
 STUMP—J. B. STUMP & SON, Jersey Cattle, MONMOUTH, ORE.
 STUMP, JNO. B., Angora Goat Breeder, MONMOUTH, OREGON.
 WERNER, ERNEST, Breeder of Record Holsteins, AURORA, OREGON.
 WESTERNWOLD RANCH, Pure-Bred Holstein Cattle, PRINEVILLE, OREGON.
 WILLARD, HERBERT, Pure-Bred Poland-China Swine, DAYTON, OREGON.
 WOOD, EARL, Pure-Bred Berkshire Swine, SILVERTON, OREGON.
 Zyesett, S. F., Angoras, Thomas, Oregon.

PENNSYLVANIA.

AKELEY, FRANK, Breeder of Pure-Bred Shorthorn Cattle, RUSSELL, PA.
 ALBRO, B. C., Breeder of Pure-Bred Shorthorn Cattle, COLUMBUS, PA.
 ANDREWS, WM. H., Breeder of Pure-Bred Shorthorns, CONNEAUT LAKE, PA.
 ARCADIA FARM, Chester White Swine and Collie Dogs, BALLY, PA.
 BAYARD BROS., Breeders of Aberdeen-Angus Cattle, WAYNESBURG, PA.
 BONNYMEAD'S FARM, Holstein and Guernsey Cattle, R. 1, HARRISBURG, PA.
 CAMPBELL, C. G., Breeder of Pure-Bred Shorthorn Cattle, NEW SHEFFIELD, PA.
 CARTER, C. H., Whitguern Farm, Big-Type Berkshires, WEST CHESTER, PA.
 DAVIDSON FARM, Breeder of Pure-Bred Jersey Cattle, R. 3, TARENTUM, PA.
 DELCHESTER FARMS (Thos. W. Clark, Manager), Advanced Registry Jersey Cattle, EDGE MONT, PA.
 GARRETT, C. W., Breeder of Pure-Bred Poland-China Swine, NEW HOPE, PA.

GRAHAM, WM. B., Breeder of Pure-Bred Shorthorn Cattle, BOLIVAR, PA.
 HAMILTON, P. F., Poland-Chinas, Berkshires, Chesters and Poultry, COCHRANVILLE, PA.
 HARRINGTON, JOHN R., Breeder of Pure-Bred Shorthorn Cattle, ALBION, PA.
 HERMAN, H. LEE, Breeder of Pure-Bred Shorthorn Cattle, LEWISBURG, PA.
 LIMBERT, H. S., Breeder of Registered Shorthorn Cattle, CENTRE HALL, PA.
 MELOY, REESE, Breeder of Registered Berkshires, WEST ALEXANDER, PA.
 MUNCE, R. L., Breeder of Pure Chester White Swine, CANONSBURG, PA.
 MYERS, B. F., Breeder of Pure-Bred Holstein Cattle, CHAMBERSBURG, PA.
 OTTO, I. V., Pure-bred Holstein Cattle, CARLISLE, PA.
 Penshurst Farm, Ayrshires, Narberth, Pa.
 RICE, J. W., Pure-Bred and Grade Guernsey Cattle, HAEMONSBURG, PA.
 RISHEL, W. F., Pure-Bred Berkshire Swine, CENTRE HALL, PA.
 SHENANGO RIVER FARMS, Breeder of Duroc-Jerseys, FREDONIA, PA.
 STEWART, F., Breeder of Shetlands and Larger Ponies, ESPYVILLE, PA.
 TAGGERT, C. L., Breeder of Aberdeen-Angus Cattle, R. 9, WASHINGTON, PA.
 WALTER, EDWARD, Breeder of Registered Jersey Cattle, WEST CHESTER, PA.
 WHISLER, ELMER D., Chester Whites and Hampshire Sheep, NEWVILLE, PA.

RHODE ISLAND.

BALLOU, F. S., Breeder of Pure-Bred Shropshire Sheep, SLATERSVILLE, R. I.
 NORMAN, REGINALD, Breeder of Pure-Bred Dutch Belted Cattle, NEWPORT, R. I.
 PERRY, HENRY W., Breeder of Pure-Bred Ayrshire Cattle, WAKEFIELD, R. I.
 SUNDERLAND, W. L., Breeder of Registered Ayrshire Cattle, EXETER, R. I.
 VANDERBILT, REGINALD C., Breeder of Hackneys, SOUTH PORTSMOUTH, R. I.

SOUTH CAROLINA.

ATCHISON, J. H., Pure-Bred Poland-Chinas, Box 44, R. R. 1, CHAPPELLS, S. C.
 BARE, H. C., Breeder of Pure-Bred Poland-China Swine, SPRINGFIELD, S. C.
 BREEDEN, J. O., Breeder of Pure-Bred Berkshire Swine, BENNETTSVILLE, S. C.
 BUCKFIELD STOCK FARM, J. E. Clancy, Mgr., Angus Cattle, YEMASSEE, S. C.
 BURGESS, O. M., Breeder of Pure-Bred Poland-Chinas, HICKORY GROVE, S. C.
 COPELAND, A. W., Breeder of Pure-Bred Poland-China Swine, PENDLETON, S. C.
 CROSS ROAD STOCK FARM, A. R. Kohn, Prop., Poland-Chinas, PROSPERITY, S. C.
 DUKES, MARION, Breeder of Pure-Bred Poland-China Swine, ROWESVILLE, S. C.
 DUTCH FORK TRUCK FARM, Large English Tamworths, COLUMBIA, S. C.
 ENTERPRISE COMPANY, INC., Frost Proof Cabbage Plants, SUMTER, S. C.
 HAMPSHIRE HOG FARM, Pure-Bred Hampshire Swine, PROSPERITY, S. C.
 HERRIN, R. L., Breeder of Pure-Bred Poland-China Swine, BISHOPVILLE, S. C.
 HUMPHREISE, J. L., Breeder of Pure-Bred Poland-China Swine, MAYO, S. C.
 KELLETT, J. P., Breeder of Pure-Bred Collie Pups, FOUNTAIN INN, S. C.
 McKEOWN, A. MAYO, Breeder of Pure-Bred Poland-China Swine, CORNWELL, S. C.
 MIDDLETON FARMS, Breeder of Pure-Bred Berkshire Swine, CLARKS HILL, S. C.
 PALMER, B. R. T., Big-Type Poland-China Hogs, R. F. D. 1, McCORMICK, S. C.
 RIDGEVIEW HOLSTEIN-FRIESIAN FARM, J. F. Palmer, Prop., Breeder of Registered Holstein-Friesian Cattle, R. F. D. 1, McCORMICK, S. C.

RIDGEWOOD FARM, H. D. Jordan, Prop., Holsteins, RIDGE SPRING, S. C.
 SPRING FIELDS FARM, H. Bigelow, Prop., Breeders of Duroc-Jersey Swine, NORTH CHARLESTON, S. C.
 TAYLOR PLANTATION, Breeder of Jersey Cattle of the Best Blood, COLUMBIA, S. C.

SOUTH DAKOTA.

ANDERSON, C. M., Pure-Bred Duroc-Jersey Swine, CONDE, S. D.
 APPLEBY, H. E., Registered Holstein Bulls, ETHAN, S. D.
 ARCADIA FARM (Barron Bros.), Clydesdale Horses, ELKTON, S. D.
 BARBER, E. C., Big-Type Poland-China Hogs, ALPENA, S. D.
 BARKLEY, GEO. E., Queen City Duroc-Jerseys, SIOUX FALLS, S. D.
 BARTELS, C. H., "Prairie View" Duroc-Jerseys, MINA, S. D.
 BARTH, PETER, Breeder of Holstein Cattle, MITCHELL, S. D.
 BATES, A. K., Breeder of Big Duroc-Jerseys, LETCHER, S. D.
 BATES, C. B., Pure-Bred Poland-China Swine, LETCHER, S. D.
 BATES, CHAS. F., Pure-Bred Poland-China Swine, LETCHER, S. D.
 BATES, O. A., Pure-Bred Berkshire Hogs, LETCHER, S. D.
 BATES, S. W., Pure-Bred Duroc-Jerseys, LETCHER, S. D.
 BELLE PLAIN YORKSHIRE (SWINE) FARM (W. B. Lawrence & Son), DELAND, S. D.
 BRUNNER, F. J., Big-Type Poland-China Swine, HURLEY, S. D.
 CHESKEY, CHAS. E., Blue Ribbon (Hereford) Stock Farm, SELBY, S. D.
 CLARK, GEO. E., Aberdeen-Angus Cattle, WORTHING, S. D.
 CLOVER VIEW FARM (M. P. Bates, Prop.), Breeders of Chester White Hogs and Hereford Cattle, R. 3, LETCHER, S. D.
 CRANE, VANCE, Pure-Bred Hereford Cattle, DE SMET, S. D.
 DAGGETT, L. E., Pure-Bred Poland-China Swine, MT. VERNON, S. D.
 DEXHEIMER, C. P., Sunnyside Stock Farm, Duroc-Jerseys, SPENCER, S. D.
 DILWORTH, FRANK J., Pure-Bred Hampshire Swine, SPENCER, S. D.
 DRALLE, FRED, River Bank Stock Farm, Poland-Chinas, MISSION HILL, S. D.
 DUNMIRE, J. M., SONS, Pure-Bred Percherons, SCOTLAND, S. D.
 EAGLE, W. S., & SON, Clover Croft Hereford Cattle, WESSINGTON SPRINGS, S. D.
 EDELMAN & SONS, Pure-Bred Shorthorn Cattle, MENNO, S. D.
 ERION, H. H., Golden Rock Duroc-Jerseys, ROCKHAM, S. D.
 ERION, J. M., Breeder of Chester White Swine, MITCHELL, S. D.
 ESTABROOK, L. A., Breeder of Pure-Bred Percherons, Shorthorns and Poland-Chinas, CUTHBERT, S. D.
 EXCELSIOR STOCK FARM (A. G. Robish & Sons), Herefords and Polands, HAZEL, S. D.
 FORD HORSE IMPORTING CO., Percherons and Belgians, PARKER, S. D.
 GALE RIDGE STOCK FARM, A. A. Duncan, Prop., Poland-Chinas, EGAN, S. D.
 GILBERTSON, E. O., Red Polled Cattle and Duroc-Jerseys, IRENE, S. D.
 GILLILAND BROS., Grand View Hereford Cattle, YANKTON, S. D.
 GINSBACH, FRANK, Hereford Cattle and Duroc Swine, DELL RAPIDS, S. D.
 GLENN, JOHN, & SON, Golden Willow Poland-China Swine, CANISTOTA, S. D.
 GRAVES, C. E., "Sprucelawn" Duroc-Jerseys, FULTON, S. D.
 GROTH, H. E., Aberdeen-Angus Cattle, FAIRVIEW, S. D.

HILL, W. S., Pure-bred Red Polled Cattle, ALEXANDRIA, S. D.
 HILMOE, JOHN, "Pioneer Hill" Poland-Chinas, R. 4, COLMAN, S. D.
 HOMMERSAND, M. A., Pure-Bred Percheron Horses, ARLINGTON, S. D.
 IVERSON BROS., Salesmen Pure-Bred Stock, Box 17, SIOUX FALLS, S. D.
 JACKSON & WHITE, Urbandale Short-horns, HURLEY, S. D.
 JACOBUS, L. B., Hereford Cattle and Duroc Swine, LETCHER, S. D.
 KENWARD, P. O., Short-horns and Poland-Chinas, BROOKINGS, S. D.
 KIRCHENMAN, T. H., Breeder of Big-Type Poland-Chinas, FREEMAN, S. D.
 KNUTSON, COL. HENRY, Live Stock and Real Estate Auctioneer, WAKONDA, S. D.
 KREGER, MRS. CHAS., XL Hereford (Breeding) Ranch, WATERTOWN, S. D.
 LANGLEY, S. R., Pure-bred Shropshire Sheep, WITTEN, S. D.
 LARSON, JACOB, Breeder of Improved Duroc-Jersey Swine, ETHAN, S. D.
 LARSON, O. S., Big-Type Poland-Chinas, MT. VERNON, S. D.
 LIEN BROS., Duroc Jerseys and Short-horns, PLATTE, S. D.
 LINDBERG, A. V., Breeders of Duroc-Jerseys, R. 1, LANGFORD, S. D.
 LUND, J. N. P., Breeder of Duroc-Jersey Swine, GAYVILLE, S. D.
 McPHERSON, R. B., Pure-Bred Hereford (Anxiety) Cattle, STURGIS, S. D.
 MAGNESS BROS., Auctioneers Pure-Bred Live Stock, ST. LAWRENCE, S. D.
 MAGNESS, DICK, Pure-Bred Live Stock Auctioneer, DE SMET, S. D.
 MANDEVILLE, M. M., Oakdale Aberdeen-Angus Cattle, AURORA, S. D.
 MATSON, W. L., Breeder of Duroc-Jersey Swine, VERMILLION, S. D.
 METTLER, ANDREW J., Clover Leaf Hereford Cattle, MENNO, S. D.
 NASH, HUGH B., Pure-Bred Duroc-Jersey Swine, REDFIELD, S. D.
 NELSON, CHRIS. T., Duroc-Jersey Swine, R. 2, VERMILLION, S. D.
 NIMS, F. L., Breeder of Riverside Duroc-Jersey Swine, CANTON, S. D.
 PENALUNA, J. S., & SON, Angus Cattle and Duroc Swine, LETCHER, S. D.
 PETTIGREW, CHARLES E., & SON, Polled and Horned Herefords, FLANDREAU, S. D.
 PINARD, L. A., Pure-Bred Hereford Cattle, WESSINGTON SPRINGS, S. D.
 PLAINVIEW STOCK FARM (Fargo & Myers, Props.), Mule-Foot Hogs, REDFIELD, S. D.
 PONTO, F. W., Big-Type Poland-Chinas, BROOKINGS, S. D.
 POST, F., Breeder of Duroc-Jerseys, South Minn. Ave., SIOUX FALLS, S. D.
 RAYMOND, C. F., Pure-Bred Hereford Cattle, MITCHELL, S. D.
 REZAC, JOS. J., Pure-Bred Hereford Cattle, TABOR, S. D.
 RICK, A. H., Pure-Bred Poland-China Hogs, PLANKINTON, S. D.
 RIGGS IRRIGATION CO., Pure-Bred Hereford Cattle, OAH (HUGHES CO.), S. D.
 RIVERSIDE STOCK FARM (R. J. Weiland), Percheron Horses, Short-horn and Polled Durham Cattle and Duroc-Jersey Hogs, CANISTOTA, S. D.
 RIVER VIEW STOCK FARM, Pure-Bred Holstein Cattle, HUDSON, S. D.
 ROHWEDER & DAHL, Lakewood Farm Belgian Horses, GOODWIN, S. D.
 RUSKELT, L. E., Pure-Bred Duroc-Jerseys, ROCKHAM, S. D.
 RYAN, F. L., Pure-Bred Poland-Chinas, PLANKINTON, S. D.
 SAND ELM STOCK FARM, Pure-Bred Holstein Cattle, MITCHELL, S. D.
 SANDO BROS., Paramount Stock Farm, Breeders of Pure-Bred Short-horn Cattle and Duroc-Jersey Swine, COLTON, S. D.

SANDO, W. W., Live Stock Auctioneer, COLTON, S. D.
 SECHSER STOCK FARM, J. M. Sechser, Mgr., Duroc-Jerseys, SIOUX FALLS, S. D.
 SHANKS, W. G., Cloverdale Hereford Farm, LAKE PRESTON, S. D.
 SHAW, GEO. M., Live Stock Auctioneer, CASTLEWOOD, S. D.
 SIMANTEL, GEO. JR., Pure-Bred Hereford Cattle, SCOTLAND, S. D.
 SMITH, JOHN F., Breeder of Poland-China Swine, R. 3, FLANDREAU, S. D.
 SNIDER, A. L., Breeder of Chester White Swine, LETCHER, S. D.
 SOLEM, O. O., Pure-Bred Duroc-Jersey Swine, VOLIN, S. D.
 SPLONSKOWSKI, CHAS., Pure-Bred Holstein Cattle, MARION, S. D.
 STREETER, W. S., Pure-Bred Hereford Cattle, GROTON, S. D.
 STUNES, CHAS., Pure-Bred Duroc-Jerseys, LETCHER, S. D.
 TEST, A. F., Pure-Bred Holstein Cattle, MITCHELL, SOUTH DAKOTA.
 THOMPSON, A. C., Chester Whites and Short-horns, HETLAND, S. D.
 TIMM, H. G., Pure-Bred Aberdeen-Angus Cattle, WAGNER, S. D.
 TRIPP, J. M., Live Stock Auctioneer, RAMONA, S. D.
 TURNOVEC, JAMES, Jackson Dale Farm Duroc-Jerseys, GEDDES, S. D.
 TYLER, A. B., Breeder of Pure-Bred Cattle, DRAPER, S. D.
 UFFORD, W. A., & SONS, Wayside Farm Chester White Swine, VERMILLION, S. D.
 UKEN, JULIUS, Breeder of Duroc-Jersey Swine, SPRINGFIELD, S. D.
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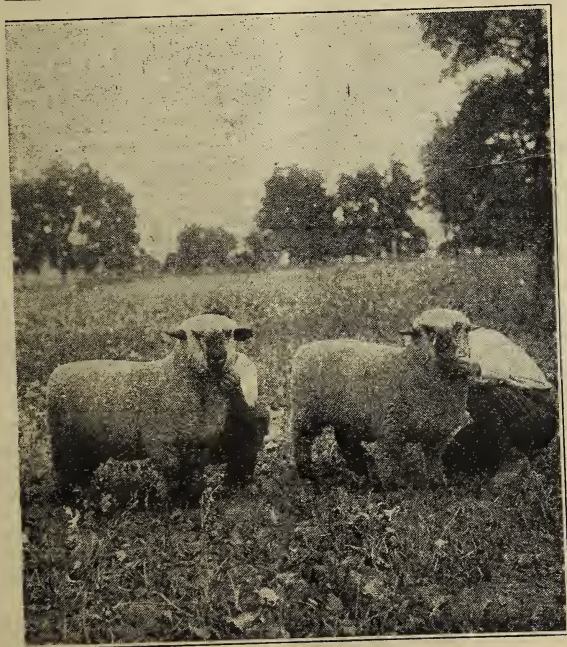
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1919

Vol. IV.

JULY, 1919.

No. 3.



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Up to this time the publication of
 AGRICULTURAL STATISTICS has been an
 experiment. It is now a full-grown publi-
 cation and stands upon its merits.

Increased Number of Pages.

We furnish one hundred and
 twenty-eight pages in the July
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 scription price and cut the publication
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 rator and the F. C. Taylor Fur Com-
 pany. The Business Directory in the
 fore part of the paper and the Live
 Stock Breeders' Directory in the last
 pages is information and not adver-
 tising.

Always Consult the Index.

Our readers are requested to con-
 sult the index before doing anything
 else. We cannot classify the tabu-
 lated statements so that they will be
 found at a glance, but we can index
 them and we have done so thoroughly.

AGRICULTURAL STATISTICS.

We are approaching the most important
 period in the life of AGRICULTURAL
 STATISTICS. We are approaching the
 agricultural census, but it has not arrived
 yet. Our readers can best be prepared for
 the census by keeping their mind on past
 records.

BASIS OF AGRICULTURAL INFORMATION

In this edition appears a tabulated state-
 ment which we regard as being the basis of
 all agricultural information. It shows the
 square mile area of each state, the popula-
 tion in 1910 and the number of population
 in each state per square mile. The idea we
 desire to present is that comparison of one
 state with another should always be made
 in connection with the sizes thereof. Texas
 is equal in size to 262 states the size of
 Rhode Island. Again, Florida is equal in
 size to twenty-seven states the size of
 Delaware. Massachusetts is practically the
 size of two states like Connecticut. New
 Jersey is only one-sixth the size of New
 York, and New York is only half the size of
 Oregon. These facts are not generally
 known. We now look first at the number of
 square miles in a state and compare one
 with all others.

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 get the benefit of the service of The
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of St. Louis, Mo., the best medium in
 the richest agricultural circle.

Some pages of Agricultural Statis-
 tics remain from one issue to an-
 other. Important matter should be
 left in sight, especially if something
 more valuable cannot be found.

FARMS AND CITY POPULATION.

In early issues of AGRICULTURAL
 STATISTICS we published the number of
 farms in each state, the average acres of
 those farms, and the farm population. We
 now change the statement so that it will
 include the city population also. For in-
 stance, it is interesting to know that North
 Dakota has a farm population that is eight
 times greater than the town population.
 Another instance is that Massachusetts has
 twelve times more city population than the
 population devoted to agriculture. Michigan
 is a state in which farm and town popu-
 lations are equally divided. To have this class
 information in convenient form is our pur-
 pose.

THE COTTON REPORT.

The cotton report thus far for 1919 indi-
 cates 33,960,000 acres planted, which is
 91.3 per cent. of the 1918 acreage. The con-
 dition is only 70, against a ten-year average
 of 80.3. The forecast is for 10,986,000 bales,
 against 12,040,532 bales last year and
 16,135,000 bales, the large crop of 1914.

SEA ISLAND AND EGYPTIAN COTTON.

The acreage in Sea Island cotton for 1919
 is 25,000 in Georgia, 20,000 in Florida, 20,000
 in South Carolina. Egyptian cotton—Arizona,
 95,000 acres; California, 2,000 acres. Esti-
 mated production, 15,000 bales Sea Island
 and 45,000 bales Egyptian. Arizona is
 creating a great industry.

Worth Ten Dollars.

"One copy of Agricultural Statis-
 tics is worth ten dollars to anybody." Thus
 remarks L. N. Kunev, of
 Adrian, Mich. He is a farmer raising
 Cotswold, Lincoln, Leicester, Hamp-
 shire and Shropshire sheep.

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Under present circumstances and
 postal laws the quarterly publication
 entitled Agricultural Statistics does
 not solicit or receive advertisements.
 The entire revenue of the publication
 is from subscriptions and single sales
 of the publication; therefore there
 are no free copies.

SUGAR BEET ACREAGE, 1919.

The July report of the United States
 Department of Agriculture estimates that
 the acreage planted to sugar beets is 890,-
 400, in 1919, against 689,700 acres last year
 and 808,600 acres in 1917. The condition of
 the crop was 75 per cent. of a normal. The
 expectation is 949,000 tons, against 765,063
 tons last year and 871,220 tons in 1915.

It is very interesting to see what
 becomes of the grain crop. The
 shipments to all markets will be
 found in Agricultural Statistics.

Agricultural Statistics is the most
 important publication originated in
 the past five years.

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GRAIN SORGHUMS, 1918-1919.

Sometimes called Kafrs. These figures by the Department of Agriculture estimate the acreage and crop of 1919 and corrected figures for production of 1918.

State.	1918. Bushels.	1919. Acres.	1919. Bushels.
KANSAS.....	20,107,000	1,433,000	28,015,000
TEXAS.....	24,075,000	1,798,000	52,951,000
OKLAHOMA. 15,260,000	1,356,000		27,757,000
COLORADO.. 1,748,000	300,000		6,138,000
NEW MEXICO 3,582,000	238,000		6,626,000
ARIZONA.... 1,624,000	58,000		2,017,000
TOTAL.....	66,396,000	5,183,000	123,504,000

BROOM CORN, 1919.

This statement, published in July, 1919, is a forecast of the 1919 crop and an aftercast of the two previous years.

State.	1917. Tons.	1918. Tons.	1919. Acres.	1919. Tons.
ILLINOIS.....	8,900	9,000	27,000	7,800
KANSAS.....	9,300	8,500	29,000	5,600
TEXAS.....	8,400	19,200	58,000	15,000
OKLAHOMA....	26,200	16,100	137,000	24,700
COLORADO.....	4,600	5,200	17,000	3,400
TOTAL.....	57,400	58,000	268,000	56,500

SUGAR CANE ACREAGE, 1919.

There are 510,000 acres of sugar cane this year in the United States, as compared with 327,000, the revised estimate for last year, according to reports from field agents of the Bureau of Crop Estimates. This acreage does not include sorghum or other seeded cane, but does include all varieties grown by planting stalks or joints.

State.	Census For 1909. Acres.	1918. Acres.	1919. Acres.
ALABAMA.....	27,211	81,800	92,200
ARKANSAS.....	3,330	2,800	3,200
FLORIDA.....	12,928	16,300	21,000
GEORGIA.....	37,046	67,300	77,000
LOUISIANA....	329,684	303,000	264,000
MISSISSIPPI..	24,861	30,500	32,350
NORTH CAROLINA.	294	590	649
SOUTH CAROLINA.	7,053	7,355	7,755
TEXAS.....	34,315	17,000	12,600
OTHER STATES..	127	.....	.....
TOTAL.....	476,849	526,645	510,745

In the year 1800 Richard England, of Bingham, and Jonas Reeve, of Wighton, Norfolk, England, commenced the improvement of Red Polled cattle.

BUSINESS DIRECTORY SECTION,

Being a List of Individuals and Corporations Having Interests With Farmers of the United States.

NOTE.—This Directory is information for farmers. It is the intention of the publisher to make it complete. Manufacturing firms doing business with farmers from a national standpoint can have an insertion free. We expect this classification to increase in number of names every issue by the addition of new names which we select. A careful study of this publication will show its value. Subscriptions are solicited; 50 cents a copy; \$1.00 a year; five-year subscriptions, \$5.00. Advertising in this classification, single column only, costs \$6.00 per inch per year. Advertising is limited to five per cent. of the printing space in the publication.

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Acme White Lead & Color Works, Detroit, Mich.

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- HOLT MANUFACTURING COMPANY**, "Caterpillar Tractor," PEORIA, ILL.
- Homestead Fence Co.**, Hannibal, Mo.
- HOME NURSERY COMPANY**, Specialty, Small Fruits, McCUNE, KAS.

HOME SUPPLY CO., Mfrs. of Lamps,
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HOOSIER SILO CO., Glazed Tile, Wood
and Concrete, MUNCIE, IND.
Hoosier Stove Co., Stove Mfrs., Marion, Ind.
Hopkins & Allen Arms Co., Norwich, Conn.

HOPEDALE NURSERIES, Trees and
Plants, HOPEDALE, ILL.

HORKHEIMER BROS., Wool Commission
Agents, WHEELING, W. VA.

HORN BROS. COMPANY, White Ensilage
Seed Corn, MONROEVILLE, OHIO.

HOWELL BELL AUCTION COMPANY,
Horses and Mules, 1046 East Main St.,
LOUISVILLE, KY.

HOYT—A. C. HOYT & CO., Pure Farm
Field Seeds, FOSTORIA, OHIO.

HOYT, E. M., Ever-Bearing Strawberries,
ARVADA, COLO.

HUBER MANUFACTURING COMPANY,
Light Four Farm Motor, MARION, OHIO.

HUDSON MFG. COMPANY, Mfrs. of All
Kinds of Sprayers, MINNEAPOLIS, MINN.

HUDSON MOTOR CAR CO., Mfrs. of the
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and Factory, DETROIT, MICH.

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HUNT—M. H. HUNT & SON, Huckleberry
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HUNTER, E. T., Pure-Bred Seed Corn,
HAUBSTADT, IND.

HURTEAU, GEO., Red Rock Seed Wheat,
R. 2, ALLEGAN, MICH.

HYATT ROLLER BEARING CO., Axle
Bearings, 1120 Michigan Ave., CHICAGO, ILL.

ILLINOIS HORSE CO., Coach and Draft
Horses, Good Block, DES MOINES, IA.

ILLINOIS SEED CO., THE, Field and Grass
Seeds, 349 E. N. Water St., CHICAGO, ILL.

IMPERIAL MFG. COMPANY, Poultry
Foods and Supplies, PARSONS, KAS.
Independent Silo Co., St. Paul, Minn.

INDIANA NUT NURSERY (J. F. Wilkin-
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Indiana Manufacturing Co., Wind Stackers,
Bank Bldg., Indianapolis, Ind.

INDIANA SILO COMPANY, Mfrs. of
Special Wood Silos, ANDERSON, IND.
Ingersoll, O. W., Paints, 243 Plymouth St.,
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INLAND SEED COMPANY, Standard
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INLAND STEEL CO., Mfrs. of Steel Fence
Posts, First National Bank Bldg.,
CHICAGO, ILL.

INTERNATIONAL HARVESTER COM-
PANY, Harvesters, Tractors and Full Line
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Harvester Bldg., CHICAGO, ILL.

INTERNATIONAL LIGHTNING ROD
COMPANY, SOUTH BEND, IND.

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INTERNATIONAL SUGAR FEED COM-
PANY, Mfrs. of International Stock and
Dairy Feeds, MINNEAPOLIS, MINN.
Interstate Motor Co., Autos, Muncie, Ind.

INTERSTATE TRACTOR COMPANY, Mfrs.
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IOWA GATE COMPANY, Mfrs. of Farm
Gates, CEDAR FALLS, IA.

IOWA SEED COMPANY, 209 Walnut St.,
DES MOINES, IA.

Ironclad Incubator Co., Racine, Wis.

IRON CRIB AND BIN COMPANY, Mfrs.
of Corn Cribbs and Grain Bins, WOOSTER, O.

ISBELL, S. M., Specialty, Corn and Other
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Ithaca Gun Co., Ithaca, N. Y.

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Prairie Ave., SOUTH BEND, IND.

JACOBSON, J., Good Reclaimed Alfalfa
Seed, FORMOSA, KAS.

JAMES—A. O. JAMES RUBBER CO.,
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JAMES MANUFACTURING COMPANY,
Dairy Fixtures and Apparatus,
FORT ATKINSON, WIS.

JANESVILLE MACHINE CO., Tractor
Plows, Cultivators, Etc., JANESVILLE, WIS.

JARMAN, L. W., Cleveland Big Boll, Sun-
beam Cotton Seed, COVINGTON, GA.

JEFFREY MFG. CO., Mfr. of a Lime Pul-
verizer, COLUMBUS, OHIO.

JENSEN, PETER, Mfr. of Stock Feed
Boxes, ALTA, IA.

JEWELL, MRS. E., "Progressive" Ever-
Bearing Strawberry Plants, GENTRY, ARK.

Johnson & Son, S. C., Engines, Racine, Wis.

JOHNSON—THE M. M. JOHNSON COM-
PANY, "Old Trusty Incubators" and Brood-
ers, CLAY CENTER, NEB.

JOLIET OIL TRACTOR COMPANY, Farm
Machinery, JOLIET, ILL.

JUNG—J. W. JUNG SEED CO., Specialty,
Tomatoes, Lettuce, Etc., RANDOLPH, WIS.

KALAMAZOO STOVE CO., Catalogue
Issued, KALAMAZOO, MICH.

KALAMAZOO TANK AND SILO COM-
PANY, Silos, Etc., KALAMAZOO, MICH.

KAWNEAR CABINET CO., Mfrs. of Sanitary
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KELLY GARDENS, Strawberries and Veg-
etables, Station B, SPOKANE, WASH.

KENDALL, B. J., CO., Spavin Treatment
For Horses, ENOSBURG FALLS, VT.

Kentucky Wagon Mfg. Co., Louisville, Ky.

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COMPANY, "The Careful Nurseryman,"
SHERMAN, TEXAS.

Kewanee Private Utilities Co., Kewanee, Ill.

KEWANEE WATER SUPPLY COMPANY,
KEWANEE, ILL.

KEystone STEEL AND WIRE COM-
PANY, Mfrs. of Square Deal Fence and Farm
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KING CORN SILO COMPANY, Triple
Walls, 1106 Waldheim, KANSAS CITY, MO.

KING—GEO. M. KING MFG. CO., Light-
ning Rods, 715 21st St., DES MOINES, IA.

KINGAN & CO., LTD., In Market For Live
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KINGMAN FLOW COMPANY, Mfrs. of
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KIPP, JOHN, Consulting Agriculturist and
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KIRSTEN, A. J., COMPANY, One Man
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KITSELMAN BROS., Farm Fences and
Barbed Wire, Box 261, MUNCIE, IND.

KNUDSON MFG. CO., Poultry Supplies
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KOELL, W. H., Ever-Bearing Strawberry
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KOKOMO FENCE MACHINE COMPANY,
Lawn and Cemetery Fence, KOKOMO, IND.

KOVAR, JOS. J., "The New Kovar Har-
row," OWATONNA, MINN.

KRAMER—I. N. KRAMER & SON, Seed-
men and Florists, CEDAR RAPIDS, IA.

KRAMER ROTARY HARROW COMPANY,
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KRIDER NURSERIES, Strawberries and
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KUNKEL, J. A., Choice Star Cotton Seed
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LANDERS, FRARY & CLARK, Food
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Larroe Milling Co., Stock Foods, Detroit, Mich.

LANG FLORAL CO., Roses, Shrubs, Fruit
and Shade Trees, DALLAS, TEXAS.

LANGFORD, MRS. F. L., Langford Big
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Larkin & Co., Merchandise, Buffalo, N. Y.

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- LAWRENCE-WILLIAMS COMPANY**, Gombault's Caustic Balsam, Horse and Human Remedy, **CLEVELAND, OHIO.**
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- LEATHER PRODUCTS COMPANY**, Head Halters, Etc., Broadway and Tennessee, **DENVER, COLO.**
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- LOUDEN MACHINERY COMPANY**, Mfr. of Dairy Equipments, **FAIRFIELD, IA.**
- LOVE MFG. COMPANY**, Perfect Corn Harvester, **LINCOLN, ILL.**
- LOY, M. H.**, Pure Sudan Grass Seed, **MILWAUKEE, WIS.**
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- LYON & HEALY**, Pianos, Etc., 245 South Wabash Ave., **CHICAGO, ILL.**
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- McCULLOUGH & TUMBACH**, Wool and Furs, 105 North Main St., **ST. LOUIS, MO.**
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- MALMO & CO.**, Seeds, Large and Small Fruits, **SEATTLE, WASH.**
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- MANSON CAMPBELL & SONS CO.**, Fanning Mills, 45 Federal Ave., **Detroit, Mich.**
- MANTLE LAMP CO.**, Lamps For Farms, 489 Aladdin Bldg., **CHICAGO, ILL.**
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- MAYER—F. MAYER BOOT AND SHOE COMPANY**, **MILWAUKEE, WIS.**
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- MONITOR STOVE AND RANGE COMPANY**, Pipeless Caloric Furnace, Gest st., **CINCINNATI, OHIO.**
- MONMOUTH PLOW COMPANY**, Agricultural Implements, **MONMOUTH, ILL.**
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- MORRILL & WORLEY MFG. CO.**, Eclipse Spray Pump, **BENTON HARBOR, MICH.**
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- Midwest Engine Co.**, Indianapolis, Ind.
- Milkoline Mfg. Co.**, Meridian Creamery, **Kansas City, Mo.**
- MILLS SEED COMPANY**, Seed Corn and Farm Seeds, **WASHINGTON, IA.**
- MISSOURI SEED COMPANY**, Seed Exporters and Importers, "Missouri Brand Seeds," 1426 St. Louis Ave., **KANSAS CITY, MO.**
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Madison Ave., NEW YORK, N. Y.

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and Hay Tools, ASHLAND, O.

NASH—DUANE H. NASH, INC., Acme
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NATIONAL STEEL PRODUCTS CO.,
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"Oakland Sensible Six," PONTIAC, MICH.

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RICHMOND, VA.

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Olson Rug Co., 32 Laflin St., Chicago, Ill.

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Commission Salesmen, Stock Yards,
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O'NEIL IMPLT. MFG. CO., Flying Swede
Cultivators, Etc., Traders Building,
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OUTLAW PLANT CO., Frost Proof Cab-
bage Plants, HAHIRA, GA.

OVERLAND SHOE CO., Mfrs. of Alumi-
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Mail Order House, NASHVILLE, ARK.

PACIFIC COAST BORAX COMPANY, Soap
Chips, 100 William St., NEW YORK, N. Y.

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Thiebes and C. T. Symmes, Railroad Ave.,
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Tractor, Fisher Bldg., CHICAGO, ILL.

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CO., Mfrs. of Well Drills, LE MARS, IOWA.

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tors and Brooders, PETALUMA, CALIF.

PHILIP BERNARD COMPANY, Mfrs. of
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Fresh Crude Oil, MONTPELIER, IND.

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taneous Serum Treatment For Hogs,
INDIANAPOLIS, IND.

PITTMAN & HARRISON CO., Sudan, John-
son Grass, Alfalfa, Etc., SHERMAN, TEXAS.

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James S. McFadyen, General Manager,
PITTSBURGH, PA.

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Seeds, WINFIELD, KAS.

PLYMOUTH CORDAGE CO., Mfrs. of
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PORTABLE ELEVATOR MFG. COM-
PANY, Grain Elevators, BLOOMINGTON, ILL.

PORTER—J. E. PORTER & CO., Mfrs. of
Hay Carriers, OTTAWA, ILL.

PORTLAND SEED COMPANY, Diamond
Quality Catalogue, PORTLAND, ORE.

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of Potato Flour and Starch Machinery,
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PRISMOLITE COMPANY, Automobile Lights, 4th and Gay Sts., COLUMBUS, OHIO.

PROCESS MFG. COMPANY, Mfrs. of Corn Harvester, SALINA, KAS.

PROGRESSIVE INCUBATOR COMPANY, Box 194, RACINE, WIS.

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PRUNTY, CHARLES E., Seed Merchant, 7 South Main St., ST. LOUIS, MO.

PULLMAN COMPANY, THE, Operators of Sleeping Cars, CHICAGO, ILL.

PURINA MILLS, 8th and Gratiot, St. Louis, Mo.

PURITAN FRUIT COMPANY, Fruit Salesmen, 12 South Market St., BOSTON, MASS.

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PURSE BROS., Distributors of Fruits and Vegetables, DETROIT, MICH.

PUTNEY STEPHEN SHOE COMPANY, the Battle Axe Shoe, RICHMOND, VA.

QUINN WIRE AND IRON WORKS, Wire Fencing, BOONE, IA.

RACINE RUBBER COMPANY, Mfrs. of Automobile Tires, RACINE, WIS.

RAHE'S AUTO TRAINING SCHOOL, 2727 Oak St., KANSAS CITY, MO.

RAYO INCUBATOR COMPANY, U. D. Station 5565, OMAHA, NEB.

REDFEARN, H., Early Mebane Triumph Cotton Seed, WINFIELD, TEXAS.

REED MFG. COMPANY, Weaving Rug Machines, Box 90, SPRINGFIELD, O.

REEVES—R. R. REEVES & CO., Exclusive Order Buyers, Union Stock Yards, PITTSBURGH, PA.

Reliable Incubator & Brooder Co., Quincy, Ill.

RELIANCE ENGINEERING CO., Mfrs. of Farm Engines, LANSING, MICH.

Reliance Mfg. Co., Work Shirts, 212 West Monroe St., Chicago, Ill.

RENFREW MACHINERY CO., Mfrs. of Renfrew Cream Separator, MILWAUKEE, WIS.

Reo Motor Car Co., Lansing, Mich.

REPUBLIC FENCE AND GATE CO., Gates and Fencing Mfrs., NORTH CHICAGO, ILL.

REPUBLIC MOTOR TRUCK COMPANY, INC., ALMA, MICH.

RICE, A. L., Mfr. of Paint Without Oil, ADAMS, N. Y.

RICHMOND BAG COMPANY, Money in Old Bags, RICHMOND, VA.

RIEBEL (F. M.), & SON, Seed Corn Specialists, ARBELA, MO.

RILEY HAUKE-VOGELSANG SUPPLY CO., Dairy Sup., 3d and Vine Sts., ST. LOUIS, MO.

RIPPLEY HARDWARE COMPANY, Feed Cookers, Etc., GRAFTON, ILL.

R. K. TIRE COMPANY, 837 North Broad St., PHILADELPHIA, PA.

ROBERTS—DR. DAVID ROBERTS VETERINARY COMPANY, WAUKESHA, WIS.

ROBERTS, J. T., Cotton Seed Specialist and Grower, LOUISVILLE, GA.

ROCKFORD WELL DRILL CO., Machinery for Well Boring, ROCKFORD, ILL.

ROCK ISLAND FLOW COMPANY, Agricultural Implements, ROCK ISLAND, ILL.

Roesch, Lewis, Nursery, Fredonia, N. Y.

ROPER, A. L., Cow Peas, Seed Corn and Cane Seed, ADAIRSVILLE, GA.

ROSENBLATT, S., Leaf Tobacco For Sale, HAWESVILLE, KY.

ROSS BROS. SEED COMPANY, Seed Book, Field and Garden Seeds, WICHITA, KAS.

ROSS—E. W. ROSS COMPANY, Mfrs. of Wood Stave Silos, SPRINGFIELD, O.

ROUSE, J. W., Bee Supplies, Bees, Queens, Honey, MEXICO, MO.

ROWE MANUFACTURING COMPANY, Mfrs. of "Can't Sag" Gates and New Idea Hog Oilers, GALESBURG, ILL.

ROWE SANITARY MFG. CO., Mfrs. of Indoor Closets, 210 6th Ave., DETROIT, MICH.

Rowell, The I. B. Company, Silo Filler, Waukesha, Wis.

ROWLAND & CO., Buyers and Growers of Cow Peas, AUGUSTA, GA.

Royal Baking Powder Co., 135 William St., New York, N. Y.

ROYSTER (F. S.) GUANO CO., Mfrs. of Special Fertilizers, TOLEDO, OHIO.

RUSLER COMPANY, Sprayers and Auto Washers, JOHNSTOWN, O.

RUSSIA CEMENT CO., Mfrs. of LePage's China Cement, GLOUCESTER, MASS.

RYAN-ROBINSON COMMISSION COMPANY, Cattle, Hogs and Sheep, Stock Yards, KANSAS CITY, MO.

ST. LOUIS SEED CO., also Poultry Supplies, 411 Washington Ave., ST. LOUIS, MO.

SALEM MFG. COMPANY, Mfrs. of Land Plaster Sower, SALEM, OREGON.

SALZER—JOHN A. SALZER SEED COMPANY, LA CROSSE, WIS.

Samson Tractor Co., Janesville, Wis.

SANDUSKY CEMENT COMPANY, Build With Cement, Building Booklets Free, CLEVELAND, OHIO.

SAXON MOTOR CAR COMPANY, Mfrs. of the Saxon Automobile, DETROIT, MICH.

SCARFF, W. N., Nursery and Seed Grower, NEW CARLISLE, PA.

Schlichter, E. F. Co., Silos, 10 South 18th St., Philadelphia, Pa.

SCHOEN & GORDON, Mfrs. of Peanut Sheller, Healey Bldg., ATLANTA, GA.

SEARS, ROEBUCK & CO., Merchandise By Mail Order, CHICAGO, ILL.

SECURITY LIGHTNING ROD CO., Lightning Protection, BURLINGTON, WIS.

SERVICE AUTO EQUIPMENT COMPANY, Tires, Traders' Bldg., KANSAS CITY, MO.

SEWELL, C. B., Small Fruits, Cabbage and Grasses, BRUNDAGE, TEXAS.

SHARPLES SEPARATOR CO., Suction Feed Separators and Milking Machines, WEST CHESTER, PA.

SCHISLER (A. W.) FIELD AND GARDEN SEED CO., All Kinds of Field and Garden Seeds, 704 to 710 N. Fourth st., ST. LOUIS, MO.

SCOTT, O. M., & SONS COMPANY, Soy Bean Specialists, MARYSVILLE, O.

SCOTT, Z. L., Specialty, Scott's Marlboro Corn, CONCORD, GA.

SESSIONS, H. M., & SONS, Specialty, Seed Peanuts, ENTERPRISE, ALA.

SHANNON & FARRELL, Live Stock Commission, Union Stock Yards, PITTSBURGH, PA.

Sherman Mfg. Co., Drills, Brookings, S. D.

SHAW MFG. COMPANY, The Shaw Motorcycle, GALESBURG, KAS.

SHAW WIRE FENCE CO., Mfrs. of the Shaw Fence, COLUMBUS, OHIO.

SHELDON MFG. COMPANY, Mfrs. of Concrete Mixer, NEHAWKA, NEB.

Sherwin-Williams Co., Paints, Cleveland, Ohio.

SHORES-MUELLER CO., Household and Farm Necessities, CEDAR RAPIDS, IA.

SHUBERT, A. B., INC., Hides and Furs, 25 West Austin Ave., CHICAGO, ILL.

SHUMWAY, R. H., Pure and Sure Seeds, Catalogue free, ROCKFORD, ILL.

SIGEL-CAMPION LIVE STOCK COMMISSION COMPANY, Union Stock Yards, DENVER, COLO.

SILO SPECIALTY MFG. COMPANY, Mfrs. of Silos and Equipments, CLINTON, IA.

SILVER—THE SILVER MFG. COMPANY, Silo Fillers and Feed Cutters, SALEM, OHIO.

Simmons Hardware Co., Ninth and Spruce, St. Louis, Mo.

SIMPLEX FARM DITCHER COMPANY, Road Graders, Levels, Etc., OWENSBORO, KY.

SIMPLEX MFG. COMPANY, Starters for Ford Cars, ANDERSON, IND.

SIMPLEX SPREADER CO., Straw Spreader, Traders Bldg., KANSAS CITY, MO.

SIMPLEX SUPPLY HOUSE, Poultry Supplies, 13 Pontiac Bldg., CHICAGO, ILL.

SINTON PLANT CO., Cabbage Plants and Bermuda Onions, SINTON, TEXAS.

SKAT COMPANY, THE, Mfrs. of Soaps, 791 Park St., HARTFORD, CONN.
SLENKER, O. L., Buyer of Raw Furs, EAST LIBERTY, OHIO.
 Smith, C.B., & Co., Stock Remedy, Newark, N.J.
SMITH, J. L., Southern Alabama Vegetables, Car Lots, MOBILE, ALA.
SMITH MOTOR TRUCK CORPORATION, Michigan Blvd. and 16th St., CHICAGO, ILL.
SMITH—W. SMITH GRUBBER COMPANY, Stump Pullers, LA CRESCENT, MINN.
SMYTH, JOHN M. & CO., Mail Order Mds., 701 Washington Blvd., CHICAGO, ILL.
SNODDY—DR. D. C. SNODDY CO., Swine Remedy, ST. LOUIS, MO.
SOIL IMPROVEMENT COMMITTEE, Fertilizer Information, Dept. 11, Postal Telegraph Bldg., CHICAGO, ILL.
SOLVAY PROCESS CO., Pulverized Limestone, Delray, DETROIT, MICH.
SOMERS, HAROLD, Mfr. of the Daisy Fly Killer, 150 DeKalb Ave., BROOKLYN, N. Y.
SONDEREGGER NURSERIES AND SEED HOUSE, Specialty, Vegetables, BEATRICE, NEB.
SONNEBORN—HENRY SONNEBORN & CO., INC., Styleplus Clothes For Farmers, Send For Styleplus Book, BALTIMORE, MD.
 South Bend Chilled Plow Co., South Bend, Ind.
SOUTHERN PINE ASSOCIATION, representing Yellow Pine Construction, Interstate Bank Bldg., NEW ORLEANS, LA.
SOUTHERN SEED FARM, W. T. Brooks, Prop., Cotton Seed, ARLINGTON, GA.
SOUTHERN PLOW COMPANY, Agricultural Implements, 618 Elm St., DALLAS, TEXAS.
SPARTAN MFG. CO., Agricultural Implements, PONTIAC, ILL.
 Specialty Device Co., Well Boring Outfit, 106 West Third St., Cincinnati, Ohio.
SPERRY—D. R. SPERRY & CO., Steam Cookers, BATAVIA, ILL.
SPOKANE SEED COMPANY, Diamond Quality Seeds, SPOKANE, WASH.
SPOTLESS—THE SPOTLESS CO., South's Mail Order House, RICHMOND, VA.
STAHL (WM.) SPRAYER COMPANY, Outfits and Mixtures, QUINCY, ILL.
STAMPING AND TOOL COMPANY, Mfrs. of Corn Planter Gauge, LA CROSSE, WIS.
STANDARD CHEMICAL COMPANY, "Carco" Vegetable Spray, TACOMA, WASH.
STANDARD GROWERS' EXCHANGE (H. C. Schrader Company), Fruits and Vegetables, ORLANDO, FLA.
 Standard Heave Remedy, Lynn, Mass.
STANDARD OIL CO. (INDIANA), Polarine Motor Oil and Standard Gas Engine and Tractor Oil, 72 W. Adams St., CHICAGO, ILL.
STANDARD SANITARY MFG. CO., Standard Plumbing Fixtures, PITTSBURGH, PA.
STANDARD SUPPLY HOUSE, Wire Fence, Roofing, Etc., NOBLESVILLE, IND.
STAR PEA HULLER CO., Pea Huller Perfection, CHATTANOOGA, TENN.
 Starb Bros. Co., Mfrs. of Milking Machines, LaCrosse, Wis.
 Staude Mfg. Co., Tractor Parts, St. Paul, Minn.
STEINHEIMER, R. P., Specialty, Marlboro Seed Corn, BROOKS, GA.
STEINMESCH FEED AND POULTRY SUPPLY CO., 10 N. 4th St., ST. LOUIS, MO.
STEWART—WARNER SPEEDOMETER CORPORATION, 1280 Diversey Parkway, CHICAGO, ILL.
STITT, R. G., & SON, Bermuda Grass Seed, Finest Quality, YUMA, ARIZONA.
STOCK YARDS LOAN COMPANY, Joseph L. Freeland, President, Live Stock Exchange, KANSAS CITY, MO.
STONE, B. W., Aeolian Farm; Pecan Nursery, THOMASVILLE, GA.
STONE, L. A., Cotton Seed Specialist, ALLENDALE, S. C.
STORY & CLARK PIANO COMPANY, 317 South Wabash Ave., CHICAGO, ILL.
STOVER MANUFACTURING CO., Windmills and Implements, FREEPORT, ILL.

STOUT, H. T., Seed Corn Specialist, CRAWFORDSVILLE, IND.
STRAWN, M. L., Mebane Triumph Cotton Seed, LOCKHART, TEXAS.
STRICKER, L. R., Cow Peas and Soy Beans, ASHEVILLE, N. C.
STURGIS & BURN MFG. CO., Dairy Supplies, Harrison and Green, CHICAGO, ILL.
SUNSHINE SAFETY LAMP COMPANY, 1005 McGee, KANSAS CITY, MO.
SUPERIOR FEEDER COMPANY, Hog Self Feeders, LA FAYETTE, IND.
SURE HATCH INCUBATOR COMPANY, Incubators and Brooders, FREMONT, NEB.
SUTTON, G. D. COMPANY, Seed Corn Specialists, MASON CITY, ILL.
SUTTON & PORTEUS, Aberdeen-Angus Bulls, LAWRENCE, KAS.
SWARTZ ELECTRIC CO., Home Lighting Plants, Speedway, INDIANAPOLIS, IND.
SWAYNE, ROBINSON & CO., "Money Maker" Silage Cutter, RICHMOND, IND.
SWEDISH SEPARATOR COMPANY, Mfrs. of the Viking Cream Separator, 515 South Fifth Ave., CHICAGO, ILL.
SWEENEY AUTO SCHOOL, 1108 East 15th St., KANSAS CITY, MO.
SWEET FEED MANUFACTURERS' ASSOCIATION, MEMPHIS, TENN.
SWIFT & CO., Fertilizer Dept., Union Stock Yards, CHICAGO, ILL.
 Taber Lumber Co., Silos, Etc., Keokuk, Iowa.

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TEXAS COTTON SEED CRUSHERS' ASSOCIATION, 909 Main St., DALLAS, TEX.
TEXAS PECAN NURSERY, Booklet "How To Grow Pecans," ARP, TEXAS.
TEXAS SEED BREEDING FARMS, Rye, Oats and Bur Clover, SHERMAN, TEXAS.
 Thomas & Armstrong Co., Silo Roofs, London, O.
THOMAS MFG. COMPANY, Agents' Supplies, DAYTON, O.
 Three-in-one Oil Co., 165 Broadway, New York.
TIDE WATER OIL CO., Veedol Dept., Bowling Green Bldg., NEW YORK, N. Y.
TIMKIN ROLLER BEARING COMPANY, Mfrs. of Axle Bearings, CANTON, O.
TOLEDO COOKER COMPANY, The Conserve Cooker, TOLEDO, OHIO.
TOWER—A. J. TOWER CO., Mfrs. of Fish Brand Slickers, BOSTON, MASS.
TOWER—J. D. TOWER & SONS COMPANY, Mfrs. of Cultivators, MENDOTA, ILL.
TRACY FEEDER CO., Mfrs. of the Traco Automatic Hog Feeder, WATERLOO, IA.
 Trailmobile Co., 530 East 5th St., Cincinnati, O.
TRENT, S. G., Specialty, Tested Seed Corn, HIAWATHA, KAS.
TROY CHEMICAL COMPANY, Veterinary Remedies, BINGHAMTON, N. Y.
TROYER BROS., Seed Corn Specialists, LA FONTAINE, IND.

- TRUSSELL, C. H., Early Speckled Velvet Beans, WARTHEN, GA.**
Tung-Lok Silo and Tank Co., Interstate Bldg., Kansas City, Mo.
- TURNER MFG. COMPANY, Simplicity Tractors, PORT WASHINGTON, WIS.**
- TUTTLE TRACTOR COMPANY, Mfrs. of Hay Balers, LEAVENWORTH, KAS.**
- TWEED SYSTEM COMPANY, INC., Publishers of Loose Leaf Farm Records, 99 Ship St., PORTLAND, ORE.**
- ULRICH MFG. CO., Cultivators and Weeder, 23 River St., ROCK FALLS, ILL.**
- UNADILLA SILO COMPANY, Mfrs. of Silos and Ladders, UNADILLA, N. Y.**
- UNION CARBIDE SALES COMPANY, 42d St. Bldg., NEW YORK, N. Y.**
- UNION LUMBER COMPANY, Tung-Lok Elevators, UNION MILLS, WASH.**
- UNION METALLIC CARTRIDGE COMPANY, Woolworth Bldg., NEW YORK, N.Y.**
- UNION STOCK YARDS, H. E. Snow, General Manager, MONTGOMERY, ALA.**
- UNITED STATES RUBBER CO., Mfrs. of Endless Stitched Belting For Farm Work, 58th St. and Broadway, NEW YORK, N. Y.**
- U. S. SAFETY GAS MACHINE CO., Main and Southern R. R., BELLEVILLE, ILL.**
- UNITED STATES STOCK FOOD CO., 21st and Manchester, KANSAS CITY, MO.**
- U. S. WIND ENGINE AND PUMP COMPANY, BATAVIA, ILL.**
- UNIVERSAL MARKING DEVICE COMPANY For Sheep, CASPER, WYO.**
- UTICA DROP FORGE AND TOOL CO., Farm Tools, 2800 Witesboro, UTICA, N. Y.**
- VACUUM OIL COMPANY, Lubricating Oils, ROCHESTER, N. Y.**
- VALLEY VIEW GARDENS, Ever-Bearing Strawberries, Gov. Inspected, Tiffin, OHIO.**
- VEGA SALES COMPANY, Milwaukee Cream Separator, FOSTORIA, O.**
- VELIE MOTOR VEHICLE COMPANY, Mfrs. of the "Velie Car," MOLINE, ILL.**
- VERMONT FARM MACHINE COMPANY, U. S. Cream Separators and Lighting Plants, BELLOWS FALLS, VERMONT.**
- VERTREES, W. J., Fencing and Tanks, BUSHNELL, ILL.**
- VICTOR PEA HULLER COMPANY, Hulls Peas and Beans, Station A, ATLANTA, GA.**
Vincennes Nurseries, Vincennes, Ind.
- VIRGINIA CAN COMPANY, Cans For Home Canning, BUCHANAN, VA.**
- VIRGINIA-CAROLINA CHEMICAL COMPANY, Farm Fertilizers, RICHMOND, VA.**
- WADE—R. M. WADE & CO., "Gasoline Wood Saw," PORTLAND, ORE.**
- WALLER (O. C.) & BROS., Strawberries and Other Plants, JUDSONIA, ARK.**
- WALSH HARNESS COMPANY, Harness Direct From Factory, MILWAUKEE, WIS.**
- WARD FENCE MFG. COMPANY, Wire and Ornamental, DECATUR, IND.**
- WARD TRACTOR COMPANY, Mfrs. of Transmission of Power to Work Ford Cars, LINCOLN, NEB.**
- WARREN COUNTY SEED CORN GROWERS' ASS'N, BOWLING GREEN, KY.**
- WARSAW-WILKINSON CO., Climax Ensilage Cutter, WARSAW, N. Y.**
- WASHINGTON MACHINE AND SUPPLY COMPANY, Mfrs. of Elevating Machinery for Elevating Bulk Grain, SPOKANE, WASH.**
- WASSON MFG. COMPANY, Mfrs. of Hog Oiler, PFORIA, ILL.**
- WATERLOO GASOLINE ENGINE COMPANY, Mfrs. of Waterloo Boy Tractor, WATERLOO, IA.**
- WATERS, W. P., Specialist, Seed Corn, Sorghum, Beans, PYATT, ARK.**
- WATKINS, CARRITHERS & CO., Live Stock Commission, Bourbon Stock Yards, LOUISVILLE, KY.**
- WATKINS MFG. COMPANY, Grain Cleaner and Grader, WICHITA, KAS.**
- WAVERLY SUPPLY COMPANY, Mail Order Premium Goods, MONONGAHELA, PA.**
- WEBER IMPT. AND AUTO CO., Farm Implements and Autos, 1900 Locust St., ST. LOUIS, MO.**
- WEBER (H. J.) & SONS NURSERY CO., Postoffice, NURSERY, ST. LOUIS CO., MO.**
- WEBER, SIDNEY J., Reclaimed Lespedeza Seeds (Japan Clover), BATON ROUGE, LA.**
- WEED CHAIN TIRE GRIP COMPANY, "Auto Chains," BRIDGEPORT, CONN.**
- WELCH NURSERY, Ever-Bearing Strawberry Plants, SHENANDOAH, IA.**
- WELLS ESTATE, E. S., Rough on Rats, 706 Grand St., JERSEY CITY, N. J.**
- WERTHAN BAG COMPANY, Buys and Sells Bags, 70 Dock St., ST. LOUIS, MO.**
- WEST JERSEY MARL AND TRANS. COMPANY, Agricultural Fertilizer, 17 Cooper St., WOODBURY, N. J.**
- WESTERN ELECTRIC COMPANY, 195 Broadway, NEW YORK, N. Y.**
- WESTERN LAND ROLLER CO., Mfrs. of Western Pulverizer, HASTINGS, NEB.**
- Western Silo Co., 11th St., Des Moines, Iowa.**
- WESTON (A. M.) & CO., Specialty, Small Fruits, BRIDGMAN, MICH.**
- WHEELER & WILSON MFG. COMPANY, Sewing Machines, BRIDGEPORT, CONN.**
- WHITE—D. A. WHITE & SONS, Fancy Clover Seed, SALEM, ORE.**
- WHITEWRIGHT SEED FARMS, Improved Red Rust Proof Oats, WHITEWRIGHT, TEX.**
- WHITMORE, L. S. & CO., Commission Agents, Cattle, Hogs, Sheep, Etc., RICHMOND, VA.**
- WICHITA NURSERIES, AND SEED HOUSE, Free Seed Book, WICHITA, KAS.**
- WIDHELM REMEDY AND MFG. CO., Stock Remedies and Feeders' Supplies, FREMONT, NEB.**
- WILCOX & HARVEY MFG. COMPANY, Mfrs. of the "Stay There" Ear Marker For Stock, 564 W. Randolph St., CHICAGO, ILL.**
- WILKENS & BIEHL, Lime For Agriculture, GALVESTON, TEXAS.**
- WILL—OSCAR H. WILL COMPANY, Seed Corn Specialists, BISMARCK, N. D.**
- WILLIAMSON & DENNIS, Live Stock Commission, Interstate Stock Yards, JACKSONVILLE, FLA.**
- WILLIAMSON MFG. CO., Mfrs. of Lighting Healing Powder, SHEFFIELD, ILL.**
- WILLIAMS—THE J. B. WILLIAMS COMPANY, Soaps, GLASTONBURY, CONN.**
- WILLYS-OVERLAND COMPANY, "The Overland Car," TOLEDO, O.**
- WILSON, JAMES D., Specialty, Schrock Kafr Seed, R. F. D., PARSONS, KAS.**
- WINCHESTER REPEATING ARMS COMPANY, NEW HAVEN, CONN.**
- WING SEED COMPANY, Alfafa and All Others, MECHANICSBURG, OHIO.**
- WITTE ENGINE WORKS, Kerosene, Gasoline, Distillate or Gas Engines, 1724 Oakland Ave., KANSAS CITY, MO.**
- WITIG F. & CO., Mfrs. of Charcoal For Hogs, 3000 Lisbon Ave., MILWAUKEE, WIS.**
- WOOD, T. W. & SONS, All Southern Farm and Garden Seeds, RICHMOND, VA.**
- WOODFIELDS FARM, Choice Seed Corn, WYCOMBE, PA.**
- WOODSON-CRAIG COMPANY, INC., Commission, Eggs, Butter, Etc., RICHMOND, VA.**
- WORTHINGTON PUMP AND MACHINERY CORP., Type W Engines, CUDAHY, WIS.**
- WRAGG NURSERY COMPANY, Fruits and Ornamentals, DES MOINES, IA.**
- WYATT MANUFACTURING CO., Stackers and Rakes, SALINA, KAS.**
- Yale & Towne Mfg. Co., Hardware and Locks, 9 East 40th St., New York, N. Y.**
- YOUNG (L. A.) INDUSTRIES COMPANY, Belt Power, DETROIT, MICH.**
- YUBA MANUFACTURING COMPANY, Tractor Mfrs., SAN FRANCISCO, CALIF.**
- X-RAY INCUBATOR COMPANY, Incubators and Brooders, DES MOINES, IA.**
Zimmerman Steel Co., Stp. Pullers, Bettendorf, Ia.
- ZOOK & ZOOK, Live Stock Commission, Stock Yards, KANSAS CITY, MO.**

ASPARAGUS, GREEN BEANS AND BEETS.

For general information, the number of farms reporting the production of asparagus, green beans and table beets are here given. The information was gained in a normal census year. The total amount of products is not included, for the reason that some of these vegetables have no standard units of packages. This is not an up-to-date report; it is, however, the latest obtainable.

Produce- State.	Asparagus. Farms.	Asparagus. Acre- age.	Green Beans. Farms.	Green Beans. Acre- age.	Table Beets. Farms.	Table Beets. Acre- age.
ALA...	16	58	427	842	5	6
ARIZ...	9	17	27	67	3	3
ARK...	3	9	150	255		
CALIF.	229	9,399	591	7,646	85	255
COLO.	73	103	74	171	21	70
CONN.	70	165	93	167	28	48
DEL...	183	410	11	19	1	1
D. C...	10	32	27	52	9	18
FLA...	3	6	1,547	5,013	8	15
GA...	17	75	596	1,484	11	18
IDAHO			16	60	4	6
ILL...	609	2,241	476	798	146	234
IND...	37	81	245	430	7	9
IOWA	98	237	44	79	9	29
KAS...	63	120	75	154	4	7
KY...	44	62	3,589	5,041	19	26
LA...	2	11	400	727	125	247
MAINE			44	64	19	22
MD...	183	554	838	2,746	21	29
MASS...	327	776	870	781	144	253
MICH.	154	275	303	676	63	100
MINN.	83	149	54	97	22	40
MISS...	12	32	570	1,052	29	22
MO...	75	103	384	543	29	39
MONT			5	18	7	12
NEB...	21	32	9	12	2	5
NEV...	9	27	2	2	5	6
N. H...	10	23	19	34	7	11
N. J...	1,343	5,148	1,286	3,740	71	113
N. M...	5	24	113	386	5	9
N. Y...	434	1,003	1,225	3,619	408	834
N. C...	41	138	1,263	2,387	16	38
N. D...	2	3	7	59		
OHIO...	176	303	433	664	40	72
OKLA.	5	7	30	52	3	4
ORE...	19	74	58	97	17	24
PENN.	449	1,191	392	580	102	171
R. I...	24	93	66	154	12	37
S. C...	122	1,773	539	1,732	22	71
S. D...	4	6	11	64	50	2
TENN...	49	139	1,411	2,300	38	85
TEXAS.	18	50	597	1,754	38	89
UTAH.	48	99	14	17	14	29
VT...	3	4	9	24	5	8
VA...	79	301	1,131	2,867	31	57
WASH.	80	194	58	86	25	39
W. VA.	5	5	1,768	3,464		
WIS...	54	87	160	497	44	58
WYO...			4	7	4	7
Total.	5,300	25,639	21,561	53,610	1,684	3,202

TROTTING AS A SPORT.

According to Dr. Elwood Harvey, in an essay on the American trotting horse, trotting as a sport began in England in the year 1791. He mentions an account of a brown mare, eighteen years old, that trotted sixteen miles on the Essex Road in fifty-eight minutes.

In the year 1789 General Lafayette presented a fine Maltese jack to General Washington, named the Knight of Malta.

In the year 1780 the practice of drilling and horse-hoeing crops introduced into Northumberland, a northern country of England.

First extensive production of sea island cotton. Thomas Proctor raised 5,000 pounds upon a plantation near Savannah, Ga., in 1788.

The Horticultural Society of London was founded by Sir Jos. Banks and others in 1804.

In 1788 Swedish turnip and potato oat was added to farm crops in England and Scotland.

Importations of Leicester sheep by Christopher Dunn, of Albany, N. Y., were in 1812.

PERSIAN OR ENGLISH WALNUTS.

In the year 1899 the production of English walnuts was 10,668,065 pounds, and ten years later, in 1909, the product had increased to 22,026,524 pounds. In the census year 1910 there were 16,867 farms reporting 914,270 trees of bearing age and 19,991 farms reporting 806,413 trees not of bearing age. The value of the 1909 production was estimated at \$2,297,333. California grows nearly all the crop, but we give other states the credit they are entitled to.

State.	Farms.	Age.	Production. Pounds.	Value. Dollars.
ALA...	3,022	4,180	43,673	3,537
ARIZ...	103	324	1,000	161
ARK...	1,284	1,260	15,436	1,384
CAL...	853,237	546,804	21,432,266	2,247,193
COLO.	39	80	25	3
DEL...	15	15	222	44
FLA...	786	1,489	28,575	2,018
GA...	3,453	6,996	56,585	4,161
IDA...	407	1,013	6,333	79
ILL...	772	1,045	3,497	331
IA...	200			
KY...	1,227	1,193	35,825	1,499
LA...	1,228	3,390	15,173	1,446
MD...	2,068	1,758	6,916	745
MINN.	1	7	50	5
MISS...	2,705	5,513	66,492	6,949
MO...	1,214	999	5,791	618
NEV...	39	148	200	20
N. J...	429	1,360	2,798	302
N. M...	250	1,641	715	91
N. Y...	456	139	9,346	858
N. C...	2,125	1,731	73,303	3,686
OHIO.	599	220	2,461	154
OKLA.	6,889	5,962	6,700	489
ORE...	9,526	177,004	79,060	8,288
PENN.	198	142	45,223	516
R. I...	4	1		
S. C...	1,373	1,834	28,160	2,583
TENN.	437	137	4,157	295
TEX.	9,685	13,015	40,658	3,703
UTAH	292	484	5,985	533
VA...	3,540	1,642	22,512	1,231
WASH.	3,651	23,406	16,450	2,241
W. VA.	3,035	1,481	17,337	2,153
WYO...	1			
Total	914,270	806,413	22,026,524	2,297,336

WHEN FEED IS CONSUMED ON FARMS.

The following tabulation by the Department of Agriculture shows what proportion of each important feedstuffs is consumed in each month, 100 per cent. being the year's consumption for each product. The percentages are derived from reports of about 30,000 crop reports of the actual quantities usually fed monthly on their farms. Pasture, which is not shown here, is the important source of feed in the summer months.

Month.	Corn.	Oats.	Bar- ley.	Rye.
All animals.....	100.0	100.0	100.0	100.0
January.....	11.0	7.1	8.9	7.6
February.....	10.7	7.3	9.0	7.2
March.....	10.2	8.4	9.1	7.5
April.....	9.0	9.8	8.5	5.1
May.....	6.8	9.3	6.9	8.1
June.....	5.5	8.9	6.0	7.1
July.....	4.8	9.0	4.7	7.1
August.....	4.6	9.3	6.8	8.4
September.....	6.2	9.1	8.6	10.2
October.....	8.8	8.1	9.8	10.3
November.....	10.9	6.9	10.9	9.4
December.....	11.5	6.8	9.5	7.3
Month.	Wheat.	Hay.	Silage.	Feed.
All animals.....	100.0	100.0	100.0	100.0
January.....	10.0	14.1	16.5	10.9
February.....	9.2	14.2	16.8	11.5
March.....	9.2	14.2	16.2	11.5
April.....	8.3	12.0	13.7	10.6
May.....	7.2	6.7	5.3	7.7
June.....	6.5	3.7	1.1	5.8
July.....	5.8	3.3	1.0	4.8
August.....	5.9	3.2	1.0	5.4
September.....	7.3	3.6	1.5	5.7
October.....	8.9	5.2	4.1	6.3
November.....	11.4	8.5	9.5	9.2
December.....	10.3	11.3	13.3	10.6

In 1813 Foster & Murray, of Pittsburgh, Pa., carried on the manufacture of scythes, sickles, hoes and shovels by steam power.

The Crop of Sorghum Cane.

In the year 1909—the season the last census was based upon—445,684 farms grew sorghum cane, which was seven per cent. of all farms. The total production was 1,647,262 tons, grown upon 444,089 acres. Of the total production 270,775 tons were used as coarse forage and 1,376,487 ton were worked into sorghum syrup. The value of sorghum cane increased from \$3.20 in 1899 to \$6.18 in 1909.

1909.

State.	Farms Re- porting.	Area, Acres.	Forage, Tons.	For Yield Making Per Syrup, Acres, Tons.	Tons.
ALA...	24,545	17,819	4,799	67,589	4.06
ARIZ...	122	586	1,122	329	2.48
ARK...	31,952	33,071	10,082	83,041	2.82
CALIF...	48	647	2,833	188	4.67
COLO...	324	3,169	6,987	174	2.26
CONN...	17	9	121	13.44	
DEL...	117	66	6	266	4.12
D. C...					
FLA...	212	379	159	2,014	5.73
GA...	22,098	15,612	4,134	60,202	4.12
IDA...	14	29	229	24	8.72
ILL...	21,971	15,039	866	89,421	6.00
IND...	22,116	12,253	2,072	77,600	6.50
IOWA...	5,364	6,225	4,360	24,597	4.65
KAS...	2,954	15,406	26,377	34,444	3.95
KY...	57,435	62,327	27,899	198,404	3.63
LA...	1,929	1,690	1,388	4,685	3.59
ME...	3	8	97	12.15	
MD...	72	75	66	209	3.67
MASS...	3	1	30	2.15	10.00
MICH...	1,251	416	608	2,157	6.65
MINN...	3,677	1,709	396	12,857	7.75
MISS...	19,312	17,851	5,032	50,327	3.10
MO...	42,230	15,088	24,441	176,765	4.46
MONT...	9	17	19	18	2.18
NEB...	782	4,034	9,254	1,223	2.60
NEV...	12	14		100	7.14
N. H...					
N. J...	3		2	3	
N. M...	422	2,371	2,379	440	1.19
N. Y...	56	143	621	20	4.48
N. C...	41,620	21,227	1,709	84,753	4.07
N. D...	8	26	122	6	4.92
OHIO...	11,900	4,709	507	28,137	6.08
OKLA...	10,758	25,546	29,404	35,195	2.53
ORE...	85	153	1,654	133	11.68
PENN...	121	90	100	206	3.40
R. I...					
S. C...	10,892	8,445	5,241	22,371	3.27
S. D...	91	297	654	197	2.87
TENN...	47,130	52,907	22,573	183,328	3.89
TEX...	24,872	55,027	70,789	30,902	1.85
UTAH...	155	310	27	1,627	4.86
VT...	1	2	4		2.00
VA...	16,808	8,288	574	40,875	5.00
WASH...	35	66	695	71	11.61
W. VA...	16,720	8,607	3	48,091	5.59
WIS...	5,436	2,281	237	13,498	6.02
WYO...	4	22	103		4.68
Total.	445,684	444,089	270,775	1,376,487	3.71

Sorghum Syrup.

This tabulated statement shows the farm production of sorghum syrup for four different census years, ten years apart, showing quite a decrease in sorghum syrup making. In 1879 the amount of sorghum syrup made was 28,444,202 gallons, and thirty years later the production is only 16,532,382 gallons. The year 1909 was a bad weather year for sorghum, reducing the average of 6.52 tons per acre in 1899 to 3.71 tons per acre in 1909.

SORGHUM SYRUP MADE ON FARMS—GALLONS.

State.	1879.	1889.	1899.	1909.
ALA...	1,163,451	1,242,689	1,168,868	809,361
ARIZ...	5,771	4,808	9,031	3,967
ARK...	1,118,364	1,868,952	1,223,691	1,140,532
CALIF...	2,459	1,670	8,671	4,330
COLO...	3,227	19,964	2,661	2,547
CONN...	1,163	214		
DEL...	25,136	3,371	8,952	4,517
D. C...				
FLA...	10,199	10,461		22,177
GA...	981,152	1,342,803	767,024	740,450
IDA...	36	3,093	1,393	407
ILL...	2,265,993	1,110,183	625,939	977,238
IND...	1,741,853	751,808	579,061	965,086
IOWA...	2,064,020	1,386,605	521,212	250,205
KAS...	1,429,476	1,484,937	735,787	260,680
KY...	2,962,965	2,094,962	1,277,206	2,733,683
LA...	33,777	107,763	48,727	47,029
ME...		152		
MD...	19,337	4,732	4,058	1,782
MASS...		45		
MICH...	102,500	45,524	24,059	21,350
MINN...	513,369	340,792	157,605	145,934
MISS...	1,062,140	972,216	1,162,269	622,356
MO...	4,129,595	2,721,240	1,990,987	1,788,391
MONT...			100	223
NEB...	246,047	634,146	92,413	14,644
NEV...	350	930	1,465	1,266
N. H...		50		
N. J...	1,261	281	450	35
N. M...	251	3,510	2,812	5,289
N. Y...	1,134	8,305	973	14
N. C...	964,662	1,268,946	1,419,570	1,099,346
N. D...	17,012	10	114	102
OHIO...	1,229,852	547,630	341,523	354,131
OKLA...		31,299	179,272	514,807
ORE...	2,283	2,706	2,473	1,374
PENN...	69,767	33,708	6,514	2,585
R. I...				
S. C...	281,245	539,216	478,190	262,432
S. D...	16,000	29,372	9,859	2,030
TENN...	3,776,212	2,542,533	2,047,655	2,076,339
TEX...	432,059	1,749,910	877,232	448,185
UTAH...	58,221	24,293	28,017	21,847
VT...				
VA...	564,558	546,328	555,321	441,189
WASH...	1,472	1,125	438	634
W. VA...	817,168	512,747	450,777	604,201
WIS...	314,150	219,070	160,414	139,667
WYO...		120		
Total.	28,444,202		16,972,783	
Total.		21,235,219		16,532,382

TIRE MACADAM ROAD.

In 1815 Joseph Louden Macadam, a Scottish engineer, became Surveyor General of Roads at Eristol, England, and put into practical use the theories he had thought out. This resulted in the invention and development of what is now called the macadam road.

AMERICAN PLOWS DID IT.

In 1815 Robert Barclay, of Bury Hill, near Dorking, in England, received two plows, sent him by Judge Peters, President of the Agricultural Society of America. When tested against the best English plows, they did the work with two horses which English plows did with four.

In 1811 Spanish Merino sheep were introduced into Silesia by Ferdinand Fischer, of Wirchenblatt. They were Nigrette and Infantado Merinos.

General failures of American woolen manufacturers had disastrous results on the sheep-raising industry in 1815.

NO SUMMER AT ALL.

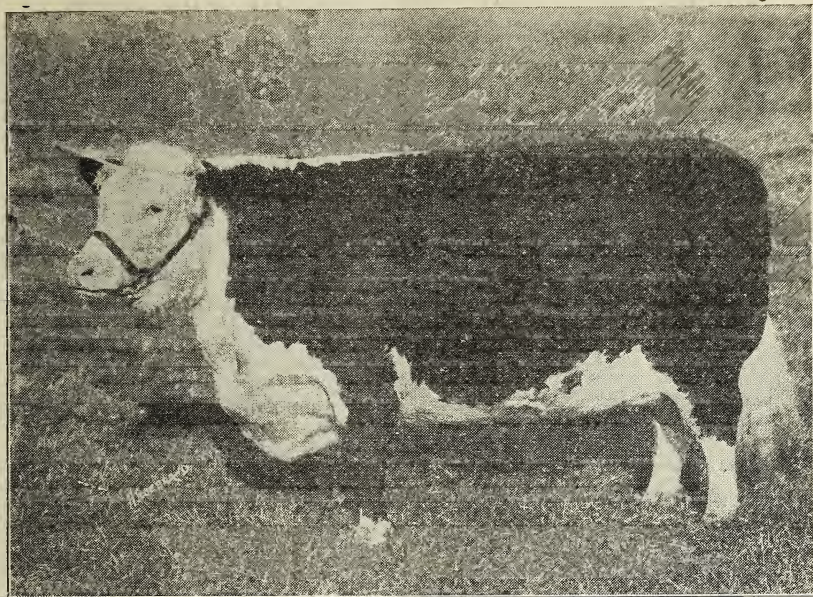
The year 1816 was known as the year without a summer. The corn crop failed for want of sunshine throughout the country. At Watertown, N. Y., on June 7th, there was ice three-eighths of an inch thick. In Maine, commencing on June 12th, snow fell for three days, and the earth was frozen half an inch deep.

THE FAMOUS POLAND-CHINAS.

The "Big Chinas," large, white hogs, with sandy spots, were taken to Warren county, Ohio, in 1816, Berkshires following in 1830, Irish Graziers in 1839, and a breed called Byfields. All had something to do towards the establishment of the breed of Poland-China swine.

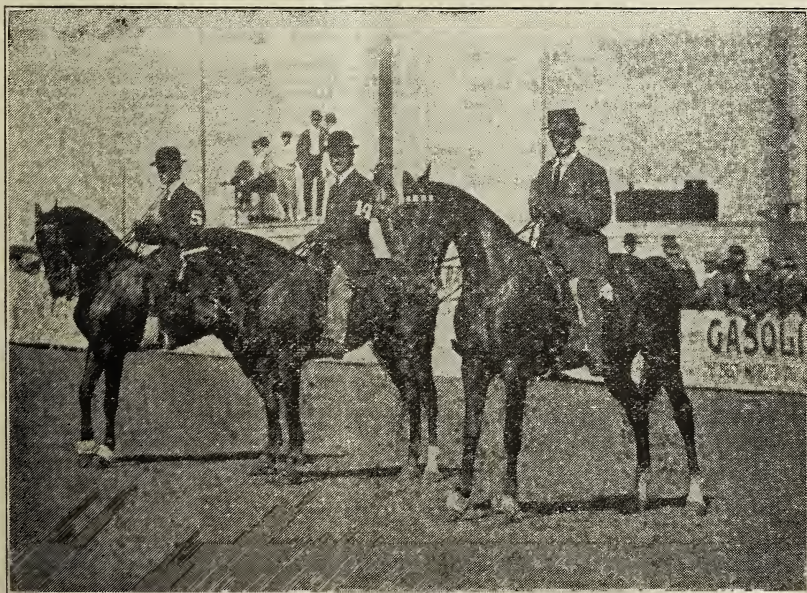
In the year 1808 the first jack stock imported into the New England States was from the Cape de Verde Islands.

Hon. Henry Clay, of Kentucky, imported Hereford cattle, four head, in 1817.



JULIET—HEREFORD COW. SENIOR AND GRAND CHAMPION FEMALE AT THE CHICAGO INTERNATIONAL LIVE STOCK EXPOSITION OF 1916. EXHIBITED BY E. H. TAYLOR, JR., OF FRANKFORT, KY. DAUGHTER OF A GRAND CHAMPION.

Some years ago, when farm information was scarce, farmers and stockmen petitioned the government to amplify and enlarge the Bureau of the Census. This has been done and the operations of the Census Bureau are elaborate, complete and valuable. We hope to keep up with the Census Bureau in furnishing farmers advanced information.



SADDLE HORSE EXHIBIT. FIRST THREE IN THE \$2,500.00 SADDLE HORSE STAKE AT THE MISSOURI STATE FAIR OF 1914—ASTRAL KING, KENTUCKY'S BEST AND JOHNNY JONES. ALL WINNERS AT MANY OTHER FAIRS AND EXPOSITIONS.

THE CORN CROP OF 1919.*

The first estimate of the corn crop of 1919 is made by the United States Department of Agriculture in July. It is not expected to be a large crop, the estimate being surpassed four times by actual crops.

State.	1918. Bushels.	1919. Acres.	1919. Bushels.
ALA....	67,686,000	4,497,000	66,646,000
ARIZ....	1,183,000	37,000	1,183,000
ARK....	35,100,000	2,675,000	53,460,000
CALIF.	2,918,000	87,000	2,918,000
COLO.	10,768,000	580,000	10,768,000
CONN.	2,800,000	55,000	2,703,000
DEL....	7,285,000	235,000	7,666,000
FLA....	14,080,000	898,000	12,518,000
GA....	68,850,000	4,682,000	66,063,000
IDAHO.	826,000	24,000	826,000
ILL....	351,450,000	8,712,000	314,024,000
IND....	169,554,000	4,181,000	184,697,000
IOWA.	375,624,000	10,225,000	364,726,000
KAS....	43,523,000	4,291,000	76,466,000
KY....	93,600,000	3,348,000	91,066,000
LA....	29,600,000	1,850,000	33,994,000
MAINE.	1,215,000	19,000	899,000
MD....	24,010,000	693,000	25,309,000
MASS..	2,080,000	39,000	1,922,000
MICH.	48,300,000	1,707,000	65,403,000
MINN..	110,000,000	2,970,000	108,464,000
MISS..	66,300,000	3,783,000	58,258,000
MO....	123,860,000	5,756,000	147,354,000
MONT.	2,100,000	128,000	2,301,000
NEB....	123,086,000	6,745,000	181,085,000
NEV....	62,000	2,000	62,000
N. H....	1,260,000	25,000	1,219,000
N. J....	11,439,000	279,000	11,300,000
N. M....	5,268,000	196,000	5,268,000
N. Y....	29,520,000	804,000	33,286,000
N. C....	64,365,000	3,126,000	63,989,000
N. D....	9,196,000	484,000	12,778,000
OHIO.	133,200,000	3,626,000	145,221,000
OKLA.	24,375,000	3,088,000	52,805,000
OREGON.	1,571,000	51,000	1,571,000
PENN.	62,400,000	1,544,000	66,770,000
R. I....	572,000	11,000	455,000
S. C....	38,250,000	2,340,000	39,803,000
S. D....	108,138,000	3,341,000	92,011,000
TENN..	84,000,000	2,900,000	80,556,000
TEXAS.	69,000,000	7,176,000	168,980,000
UTAH.	653,000	24,000	653,000
VT....	1,710,000	46,000	2,340,000
VA....	56,000,000	1,900,000	51,870,000
WASH.	1,393,000	45,000	1,393,000
W. VA.	24,800,000	800,000	26,040,000
WIS....	69,538,000	1,820,000	75,676,000
WYO....	1,000,000	44,000	915,000

Total.. 2,582,814,000 102,977,000 2,815,430,000

TRUCK CROP ESTIMATES.

The following estimates by the United States Agricultural Department, so far as issued to July, 1919, are official. The missing figures are to be furnished later.

Unit.	1918. Acres.	Produce. 1919 Acres.	Produce. 1919 Acres.
Early Cabbage.			
Tons....	39,800	142,900	23,100
Cantaloupes.			
Cars....	42,400	16,500	62,400
Celery.			
.....	14,400	.....	10,000
Lettuce.			
.....	13,633	.....	10,917
Onions.			
Bushels..	35,800	13,438,200	35,000
Peppers.			
.....	9,827	.....	9,390
Early Irish Potatoes.			
Cars....	253,000	48,900	187,500
Strawberries.			
Cars....	88,500	11,500	62,000
Spinach.			
Barrels...	12,500	1,585,000	10,600
Watermelons.			
Cars....	75,697	27,500	114,200

The Merino Society was organized in England with Sir John Banks as President and fifty-four Vice-Presidents. That was in 1811.

In 1802 John Biddis, of Pennsylvania, secured in this country a patent for making potato starch.

In the year 1812 the factory of S. & A. Waters, of Amsterdam, N. Y., was turning out 6,000 scythes annually.

COMMERCIAL PEACH REPORT.

The Agricultural Department at Washington published the following as a special commercial peach report, dated July 1, 1919. It also contains the final commercial peach production as estimated for 1918.

State.	Final, 1918. Bushels.	July, 1919. Bushels.
NEW HAMPSHIRE....	.....	11,000
MASSACHUSETTS....	.....	52,000
CONNECTICUT.....	.....	101,000
NEW YORK.....	525,000	1,092,000
NEW JERSEY.....	640,000	840,000
PENNSYLVANIA.....	258,000	428,000
DELAWARE.....	101,000	212,000
MARYLAND.....	114,000	337,000
VIRGINIA.....	90,000	201,000
WEST VIRGINIA.....	459,000	594,000
NORTH CAROLINA...	90,000	110,000
SOUTH CAROLINA...	102,000	49,000
GEORGIA.....	3,255,000	2,964,000
OHIO.....	87,000	238,000
INDIANA.....	.....	18,000
ILLINOIS.....	.....	287,000
MICHIGAN.....	54,000	195,000
MISSOURI.....	.....	174,000
KENTUCKY.....	4,000	15,000
TENNESSEE.....	100,000	131,000
ALABAMA.....	138,000	114,000
TEXAS.....	767,000	749,000
OKLAHOMA.....	77,000	385,000
ARKANSAS.....	87,000	1,411,000
COLORADO.....	719,000	676,000
NEW MEXICO.....	227,000	23,000
UTAH.....	735,000	892,000
IDAHO.....	42,000	180,000
WASHINGTON.....	402,000	1,350,000
OREGON.....	31,000	173,000
CALIFORNIA*	11,663,000	16,060,000

TOTAL U. S..... 20,797,000 30,082,000
*—Attention is called to the fact that approximately 88 per cent. of the California peach crop is either canned or dried.

COMMERCIAL APPLE CROP.

The enclosed is a special commercial apple report, dated July, 1919, by the United States Department of Agriculture.

District.	Final, 1918. Barrels.	July, 1919. Barrels.
Western New York.....	4,800,000	1,664,000
Hudson Valley.....	647,000	787,000
Southern Ohio.....	317,000	115,000
Sherandoah- Cumberland District.....	2,600,000	2,200,000
Piedmont District.....	465,000	523,000
New England Baldwin Belt.....	645,000	1,125,000
Western Michigan.....	750,000	579,000
Western Illinois.....	480,000	370,000
Southern Illinois.....	300,000	450,000
Ozark Region.....	429,000	731,000
Missouri River Region...	630,000	1,056,000
Arkansas River Region...	123,000	210,000
Pacific Northwest.....	5,449,000	7,657,000
Colorado.....	527,000	854,000
California.....	1,127,000	1,224,000

COMMERCIAL PEAR REPORT.

A heavy pear crop in California and the West generally, contrasted with poor conditions in such important pear states as New York, Michigan, Illinois, New Jersey and Delaware, is the most important fact brought out in the special commercial pear report released by the Bureau of Crop Estimates on July 9.

The total commercial pear production for the United States is now estimated at 7,691,000 bushels, as compared with 7,589,000 bushels last year, or 1.3 per cent. increase, as compared with 1918.

State.	1918. Bushels.	July, 1919. Bushels.
NEW YORK.....	828,000	540,000
NEW JERSEY.....	211,000	200,000
ILLINOIS.....	104,000	140,000
MICHIGAN.....	307,000	96,000
MISSOURI.....	24,000	38,000
TEXAS.....	60,000	75,000
COLORADO.....	182,000	275,000
WASHINGTON.....	1,300,000	1,560,000
OREGON.....	406,000	575,000
CALIFORNIA.....	3,871,000	4,000,000
DELAWARE.....	296,000	192,000

TOTAL U. S..... 7,589,000 7,691,000

SUGAR FROM SUGAR BEETS.

This statement is from the census of 1910. It is one of those items of information which is valuable to those who are interested. Its value is for making comparisons. We are approaching a new census which will soon show later conditions.

State.	1909.				Value of Crop.
	Average Acres.	Per Acre, Tons.	Value Per Acre.	Value Per Acre.	
ALA...	1.5	2.39	\$ 9.19	\$ 21.94	\$ 395
ARIZ...	6.63	11.17	4.78	53.34	236,997
ARK...	1.6	1.92	8.43	16.17	3,945
CALIF...	70.9	10.70	5.11	54.72	4,320,532
COLO...	2.21	11.40	4.92	56.08	6,061,152
CONN...					
DEL...	1.0	8.33	7.44	62.00	186
D. C...					
FLA...	1.0	1.50	20.00	30.00	60
GA...	0.7	3.35	8.45	28.27	1,385
IDAHO...	15.0	11.52	4.53	52.15	813,604
ILL...	4.0	12.69	5.19	65.82	77,732
IND...	6.9	9.52	5.68	54.05	40,861
IOWA...	4.3	6.77	4.92	33.32	35,024
KAS...	27.9	8.67	5.05	43.80	256,262
KY...	1.2	3.52	5.84	20.52	3,939
LA...	0.3	15.00	16.00	240.00	240
MAINE...	0.5	9.43	9.16	86.38	1,814
MD...	0.6	16.20	6.68	108.20	541
MASS...	1.1	10.03	12.49	125.26	9,269
MICH...	5.4	8.98	5.67	50.95	4,014,123
MINN...	2.9	10.79	4.91	53.00	118,625
MISS...	0.6	3.63	9.42	34.21	650
MO...	1.7	2.81	5.74	16.14	2,905
MONT...	23.9	12.43	5.00	62.11	546,832
NEB...	12.8	9.51	4.52	43.01	180,247
NEV...	0.8	12.00	5.53	66.33	199
N. H...	1.0	41.67	8.04	335.00	1,005
N. J...	1.3	14.69	4.94	72.64	2,615
N. M...	1.9	4.35	6.24	27.13	1,492
N. Y...	3.5	8.37	5.39	45.09	59,200
N. C...	1.2	2.18	7.46	16.26	634
N. D...	0.8	19.67	6.27	123.33	370
OHIO...	6.2	9.05	5.02	45.43	319,667
OKLA...	2.0	1.73	7.56	13.12	2,715
ORE...	0.7	13.27	4.80	63.69	74,902
PENN...	0.8	14.04	7.28	102.21	5,826
R. I...	1.5	1.90	13.33	13.35	4
S. C...	1.4	1.83	12.51	22.85	1,188
S. D...	0.6	5.60	5.86	32.80	164
TENN...	1.4	2.57	6.55	16.83	2,810
TEXAS...	1.8	2.09	9.69	20.20	5,919
UTAH...	7.5	15.07	4.49	67.65	1,858,600
VT...	0.5	9.20	7.00	64.40	322
VA...	0.6	4.70	9.26	43.50	870
WASH...	4.8	7.58	6.23	47.23	85,951
W. VA...			7.31		329
WIS...	2.9	10.30	5.23	53.90	667,185
WYO...	8.9	11.12	4.58	50.87	61,398

Average 10.2 10.80 \$ 5.06 \$ 54.60 \$19,880,724

A GRAPE GOING NORTH.

The Isabella grape, supposed to be a native of Dorchester county, South Carolina, was taken north in 1816. It was introduced into New York by Mrs. Isabella Gibbs, of Brooklyn, and was named for her. It was the third great American grape, being a shoot of the wild fox-grape.

SCIENTIFICALLY DESCRIBED.

The Hessian fly, so called from the supposition that it was brought to this country in some straw by the Hessian soldiers during the Revolutionary War, was scientifically described by the naturalist Thomas Say in 1817.

A few Longhorn cattle from England were imported into Kentucky in 1817, but soon being crossed with other breeds were lost sight of.

In 1817 Felix Renick, of Kentucky, drove 100 prime fat Shorthorn steers to Philadelphia and sold them for \$134 per head on the beef market. Mr. Renick was the first man to drive cattle over the Allegheny Mountains to the New York market.

In 1817 Colonel Lewis Sanders, of Kentucky, imported eight Shorthorn cattle and four Longhorns.

Scarcely more than one variety of the Moss rose was known in 1810, though now there are more than an hundred.

SUGAR BEET PRODUCTION, 1910.

Only once in ten years do we obtain an actual census of agricultural productions, state by state. This is a sugar beet statement from the census taken in 1910. The amount of sugar beets used for forage and the quantity used in the manufacture of sugar is given. The bottom line represents the census of 1900.

State.	Farms Reporting.	Area, Acres.	1910.		Used as Forage.	Used For Sugar.
			Production, Tons.	Value, \$.		
ALA...	12	18	43		43	
ARIZ...	67	4,443	49,630		6	49,624
ARK...	155	244	468		468	
CAL...	1,113	78,057	845,191		1,922	845,269
COL...	4,898	108,082	1,231,712		994	1,230,718
CONN...						
DEL...	3	3	25		25	
D. C...						
FLA...	2	2	3		3	
GA...	75	49	164		164	
IDA...	1,037	15,601	179,661		23	179,638
ILL...	293	1,181	14,981		65	14,916
IND...	109	756	7,194		646	6,548
IA...	247	1,051	7,117		155	6,962
KAS...	210	5,851	50,736		151	50,585
KY...	160	192	675		675	
LA...	3	1	15		15	
ME...	43	21	198		198	
MD...	8	5	81		81	
MASS...	65	74	742		742	
MICH...	4,690	78,779	707,639		649	706,990
MINN...	774	2,238	24,140		384	23,756
MISS...	39	19	69		69	
MO...	106	180	506		506	
MONT...	369	8,804	109,434		658	108,776
NEB...	327	4,191	39,874		118	39,756
NEV...	4	3	36		36	
N. H...	3	3	125		125	
N. J...	28	36	529		529	
N. M...	29	55	239		72	167
N. Y...	376	1,313	10,990		930	10,060
N. C...	32	39	85		85	
N. D...	4	3	59		59	
OHIO...	1,139	7,036	63,696		150	63,546
OKLA...	101	207	359		359	
ORE...	208	1,176	15,605		9,093	6,513
PENN...	71	57	800		800	
R. I...	2	3	3		3	
S. C...	37	52	95		95	
S. D...	9	5	28		28	
TENN...	123	167	429		429	
TEX...	161	293	611		611	
UTAH...	3,644	27,472	413,946		135	413,811
VT...	11	5	46		46	
VA...	36	20	94		94	
WASH...	381	1,820	13,794		7,238	6,556
W. VA...	10		45		45	
WIS...	4,341	12,379	127,526		880	126,646
WYO...	136	1,207	13,418		184	13,234

Total 35,682 364,093 3,932,857 30,786 3,902,071
1900. 14,035 110,170 793,353 3,077

The first reference to the cowpeas as good for forage and soil renovation was in 1815.

The first pedigreed Shorthorn bulls were imported into the United States by Samuel M. Hopkins, of Moscow, N. Y., in 1817.

A PERCHERON HORSE.

In 1816, at Montreal, Canada, a French draft horse was imported that was owned by James McMatt, of Washington county, New York state, as late as 1833. He was called European and supposed to be a Percheron.

THE WINESAP APPLE.

In his book, "View of the Cultivation of Fruit Trees," published in Philadelphia by Mr. Coke in 1817, he illustrated and described the Winesap apple and characterized it as then "becoming the most favorable cider fruit in West Jersey." This book is considered as being the beginning of systematic pomology in America.

In 1814 a valuable purple and striped variety of sugar cane was brought to Georgia from the West India island of St. Eustatius.

In 1810 Mr. Seth Adams, of Zanesville, Ohio, sold a pair of Merino sheep to Judge Todd, of Kentucky, for \$1,500.

CABBAGE, CAULIFLOWER, KALE.

During the year the last census was taken the United States had 43,843 farms reporting cabbages on 125,998 acres; 1,060 farms raising cauliflower, occupying 3,466 acres, and 337 farms producing kale on 1,495 acres. Although changes have been made since the census was taken, this is a good line of basic information for purpose of comparison.

State.	Cabbage. Farms.	Cabbage. Acres.	Cauliflower. Farms.	Cauliflower. Acres.	Kale. Farms.	Kale. Acres.
ALA....	354	1,366	1	1	...	...
ALA....	254	1,366	1	1	...	...
ARIZ....	66	147	...	...	...	...
ARK....	139	206	...	...	...	...
CALIF....	591	3,617	87	290	14	22
COLO....	733	2,568	14	30	...	...
CONN....	411	733	8	18	1	2
DEL....	118	200	...	...	...	...
D. C....	38	102	...	...	20	33
FLA....	755	3,028	52	105	...	...
GA....	497	806	...	...	1	2
IDAHO....	159	280	1	2	...	...
ILL....	1,740	5,207	112	227	...	...
IND....	1,010	2,107	1	1	6	9
IOWA....	501	2,789	5	6	...	...
KAS....	366	1,007	2	2	1	2
KY....	395	738	6	7	65	105
LA....	531	1,962	8	21	...	...
MAINE....	185	353	4	4	...	...
MD....	1,276	3,481	2	19	48	153
MASS....	1,227	2,442	75	126	5	11
MICH....	1,832	4,314	22	39	...	...
MINN....	858	2,315	11	16	...	...
MISS....	582	1,396	...	...	...	...
MO....	635	959	17	45	25	43
MONT....	178	359	3	7	...	...
NEB....	164	348	1	1	...	...
NEV....	30	43	2	3	...	...
N. H....	90	163	1	1	...	...
N. J....	1,991	4,864	38	85	4	12
N. M....	62	106	...	...	...	...
N. Y....	11,321	35,269	505	1,720	14	34
N. C....	655	1,371	...	...	...	...
N. D....	80	109	...	...	...	...
OHIO....	2,436	6,279	19	30	11	12
OKLA....	68	127	1	1	...	...
OREGON....	255	591	14	34	12	31
PENN....	3,106	5,679	4	4	1	1
R. I....	93	192	2	3	2	3
S. C....	241	1,828	...	...	...	...
S. D....	79	175	...	...	...	...
TENN....	709	1,189	...	...	...	...
TEXAS....	1,066	4,462	9	18	...	...
UTAH....	114	210	6	10	...	...
VT....	75	98	...	...	...	...
VA....	2,516	8,680	...	...	101	1,013
WASH....	405	934	13	22	...	...
W. VA....	139	212	...	...	4	4
WIS....	2,947	10,506	14	68	...	...
WYO....	24	32	...	...	...	...
U. S....	43,843	125,998	1,060	3,466	337	1,495

WORLD'S CROP POTATOES.

The European war has demoralized the potato crop, also the reports from countries at war. The general supply under peaceful conditions would be larger than ever. Late figures are not available.

Year.	Bushels.	Year.	Bushels.
1900....	4,382,031,000	1909....	5,595,567,009
1901....	4,669,000,000	1910....	5,212,578,000
1902....	4,674,000,000	1911....	4,812,109,000
1903....	4,409,793,000	1912....	5,872,953,000
1904....	4,298,049,000	1913....	5,802,910,000
1905....	5,254,598,000	1914....	5,016,000,000
1906....	4,789,112,000	1915....	5,361,898,000
1907....	5,122,678,000	1916....	...
1908....	5,295,043,000	1916....	...

WORLD'S COTTON CROP.

The world's cotton production is not easily ascertained. The United States, British India and Egypt are the countries of importance raising cotton, but Central Asia is in the business.

Year.	Bales.	Year.	Bales.
1900....	15,893,591	1909....	20,679,334
1901....	15,926,045	1910....	22,243,209
1902....	17,331,503	1911....	21,754,000
1903....	17,278,881	1912....	19,578,095
1904....	21,005,175	1913....	21,271,000
1905....	18,342,075	1914....	23,804,000
1906....	22,183,148	1915....	17,659,126
1907....	18,328,613	1916....	...
1908....	23,688,292	1917....	...

THE HOP CENSUS, 1899 AND 1909.

This is the hop census taken last time and shows that four states produced nearly all the hops. Under present conditions hops may be grown largely for export.

State.	1899. Acres.	1909. Acres.	1899. Pro- duction.	1909. Pro- duction.
ALA....	1	2	440	100
ARIZ....	1	...	600	...
ARK....	1	...	530	...
CALIF....	6,890	8,391	10,124,650	11,994,953
CONN....	...	...	...	15
DEL....	...	1	...	28
IDAHO....	63	...	58,870	110
ILL....	2	...	690	86
IND....	1	...	640	56
IOWA....	...	...	120	2,625
KAS....	...	...	...	10
KY....	4	6	1,658	4,005
LA....	...	...	...	5
MD....	...	7	230	461
MASS....	13	...	7,480	20
MICH....	10	...	3,560	58
MINN....	...	...	...	372
MISS....	1	...	15	...
MO....	1	2	383	296
NEB....	...	...	50	104
NEV....	...	...	100	...
N. H....	...	...	60	...
N. J....	...	...	75	38
N. Y....	27,532	12,023	17,332,349	8,677,138
N. C....	...	1	85	763
OHIO....	3	18	2,910	2,428
ORE....	15,433	21,770	14,675,557	16,582,562
PENN....	13	...	13,710	2,205
R. I....	...	...	40	...
S. D....	...	...	50	...
TENN....	...	...	307	220
VT....	6	...	4,400	...
VA....	...	6	165	4,039
WASH....	5,296	2,433	6,813,830	3,432,504
W. VA....	...	...	662	257
WIS....	342	30	165,346	13,290
Total.	55,613	44,693	49,209,704	40,718,748

WORLD'S CROP OF OATS.

These figures give, so far as known, the totals of the world's crop of oats for twenty-one years, showing considerable gains, one year with another.

Year.	Bushels.	Year.	Bushels.
1895....	3,008,154,000	1906....	3,544,961,000
1896....	2,847,115,000	1907....	3,603,896,000
1897....	2,633,971,000	1908....	3,591,012,000
1898....	2,903,974,000	1909....	4,312,882,000
1899....	3,256,256,000	1910....	4,182,410,000
1900....	3,166,002,000	1911....	3,808,561,000
1901....	2,862,615,000	1912....	4,617,394,000
1902....	3,626,393,000	1913....	4,597,437,000
1903....	3,378,033,000	1914....	4,034,857,000
1904....	3,611,302,000	1915....	4,416,578,000
1905....	3,510,167,000	1916....	...

WORLD'S WHEAT CROPS.

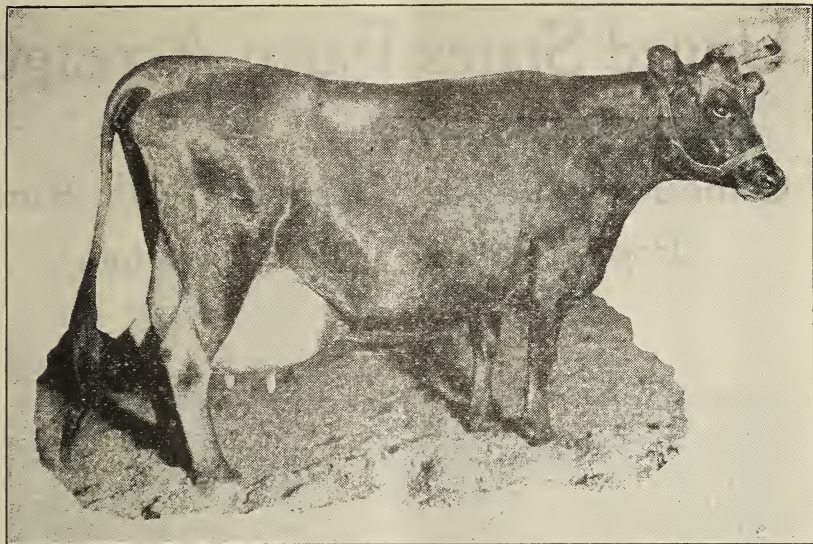
The world's wheat crops from year to year show decided enlargement of the supply, also that considerable variations exist from year to year.

Year.	Bushels.	Year.	Bushels.
1891....	2,432,322,000	1904....	3,163,542,000
1892....	2,481,805,000	1905....	3,327,684,000
1893....	2,559,174,000	1906....	3,434,354,000
1894....	2,660,557,000	1907....	3,133,965,000
1895....	2,593,312,000	1908....	3,182,105,000
1896....	2,506,320,000	1909....	3,581,519,000
1897....	2,236,268,000	1910....	3,375,055,000
1898....	2,948,305,000	1911....	3,531,795,000
1899....	2,738,885,000	1912....	3,701,951,000
1900....	2,610,751,000	1913....	4,127,437,000
1901....	2,955,957,000	1914....	3,585,916,000
1902....	3,090,116,000	1915....	4,094,180,000
1903....	3,189,813,000	1916....	3,701,333,000

In the year 1810 Albert Gallatin said of American household manufactures: "By far the greater part of the cotton, flax and woolen goods was manufactured in private families, mostly for their own use and partly for sale."

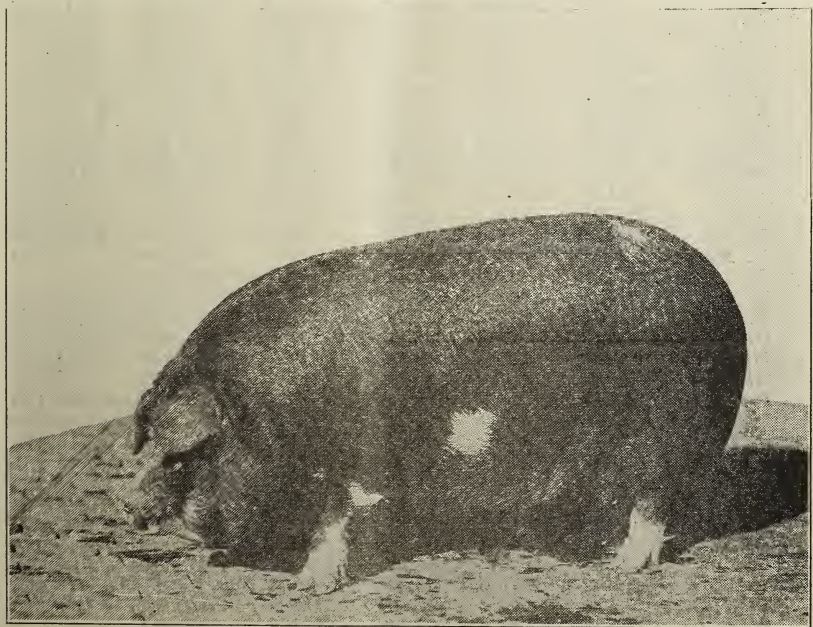
In 1812 a party of twelve men of St. Louis, under the leadership of Captain McKnight, established what was afterwards called the Santa Fe trail.

In 1809 Mr. Thomas Rotch migrated from Connecticut to Stark county, Ohio, with a few Merino sheep.



JACOBIA IRENE. ONE OF THE GRAND COWS OF THE JERSEY BREED. SHE TOOK HER POSITION AS A GREAT PRODUCER AND HER NAME AND FAME ARE WORLD WIDE. PHOTOGRAPHED ESPECIALLY FOR AGRICULTURAL STATISTICS.

The publication called Agricultural Statistics was started in anticipation of the census of 1920, for which government preparations are already made. The census includes all farm products, live stock, etc., and it is customary for the Census Department to send out advanced sheets showing all subjects as they are completed. This we hope will give us the opportunity to keep our tabulated statements up to date.



A POLAND-CHINA--GRAND CHAMPION BARROW OVER ALL BREEDS AT THE CHICAGO INTERNATIONAL LIVE STOCK EXPOSITION OF 1916. EXHIBITED BY HOWARD B. FRANCIS, NEW LENOX, ILL. MR. FRANCIS DISTINGUISHED HIMSELF BY WINNING THIS GRAND PRIZE THREE TIMES IN SUCCESSION.

United States Farm Acreage.

Comparison Showing Increase With Rural Population and Total Population.

States.	1900. Farms.	1900. Acres.	1910. Farms.	1910. Acres.	1910. Rural Pop.	1910. Total Pop.
ALA.	223,222	92.7	262,901	78.9	1,767,662	2,138,093
ARIZ.	5,809	333.2	9,227	135.1	141,004	204,354
ARK.	178,604	93.1	214,678	81.1	1,371,768	1,574,449
CAL.	72,542	397.4	88,197	316.7	907,810	2,377,549
COLO.	24,700	383.6	46,170	293.1	394,184	799,020
CONN.	26,948	85.8	26,815	81.5	114,917	1,114,756
DEL.	9,687	110.1	10,836	95.9	105,237	202,322
D. C.	269	31.6	217	27.9	1,000	331,069
FLA.	40,814	106.9	50,016	105.6	533,539	752,619
GA.	224,691	117.5	291,027	92.6	2,070,471	2,609,121
IDAHO.	17,471	183.4	30,807	171.5	255,696	325,594
ILL.	264,151	124.2	251,872	129.1	2,161,662	5,638,591
IND.	221,897	97.4	215,485	98.8	1,557,041	2,700,876
IOWA.	228,622	151.2	217,044	156.3	1,544,717	2,224,771
KANS.	173,098	240.7	177,841	244.0	1,107,159	1,690,549
KY.	234,667	93.7	259,185	85.6	1,734,463	2,289,905
LA.	115,969	95.4	120,546	86.6	1,159,872	1,656,388
MAINE.	59,299	106.2	60,016	104.9	360,928	742,371
MD.	46,012	112.4	48,923	103.4	637,154	1,295,346
MASS.	37,715	83.4	36,917	77.9	241,049	3,366,416
MICH.	203,261	86.4	206,960	91.5	1,483,129	2,810,173
MINN.	154,659	169.7	156,137	177.3	1,225,414	2,075,708
MISS.	220,803	82.6	274,382	67.6	1,589,803	1,797,114
MO.	284,886	119.3	277,244	124.8	1,894,518	3,293,335
MONT.	13,370	885.9	26,214	516.7	242,633	376,053
NEBR.	121,525	246.1	129,678	297.8	881,362	1,192,214
NEV.	2,184	1,174.7	2,689	1,009.6	68,508	81,175
N. H.	29,324	123.1	27,053	120.1	175,473	430,572
N. J.	34,650	82.0	33,487	76.9	629,957	2,537,167
N. MEX.	12,311	416.8	35,676	315.9	280,730	327,301
N. Y.	226,720	99.9	215,597	102.2	1,928,120	9,113,614
N. C.	224,637	101.3	253,725	88.4	1,887,813	2,206,287
N. DAK.	45,332	342.9	74,360	382.3	513,820	577,056
OHIO.	276,719	88.5	272,045	88.6	2,101,978	4,767,121
OKLA.	108,000	212.9	190,192	151.7	1,337,000	1,657,155
OREGON.	35,837	281.0	45,502	256.8	365,705	672,765
PA.	224,248	86.4	219,295	84.8	3,034,444	7,665,111
R. I.	5,498	82.9	5,292	83.8	17,956	542,610
S. C.	155,355	90.0	176,434	76.6	1,290,568	1,515,400
S. DAK.	52,622	362.4	77,644	335.1	507,215	583,888
TENN.	224,623	90.6	246,012	81.5	1,743,744	2,184,789
TEXAS.	352,190	357.2	417,770	269.1	2,958,438	3,896,542
UTAH.	19,387	212.4	21,676	156.7	200,417	373,351
VT.	33,104	142.7	32,709	142.6	187,013	355,956
VA.	167,886	118.6	184,018	105.9	1,585,083	2,061,612
WASH.	33,202	256.0	56,192	208.4	536,460	1,141,990
W. VA.	92,874	114.7	96,685	103.7	992,877	1,121,119
WIS.	169,795	117.0	177,127	119.0	1,329,540	2,333,860
WYO.	6,095	1,333.0	10,987	717	102,744	145,965
5,737,362		6,361,502		49,348,883		91,972,266

GUINEAS, PIGEONS AND PEA FOWLS.

The table presented herewith represents the number of farms reporting guinea fowls, pigeons and pea fowls in the year 1910. Each state is given. There are 339,538 farms reporting guineas, 109,407 reporting pigeons and 1,807 in all reporting pea fowls. The totals are 1,765,631 guinea fowls, 2,730,994 pigeons and 6,458 pea fowls. These three classes in previous censuses were counted in with other chickens.

State.	Farms Reporting.	Guinea Fowls....	Farms Reporting.	Pigeons....	Pea Fowls....
ALA...	21,622	118,814	1,653	33,232	51 165
ARIZ...	107	461	124	3,568	5 25
ARK...	11,010	52,287	1,491	16,339	38 99
CALIF	760	2,920	2,152	246,065	31 288
COLO.	859	3,668	1,015	29,998	13 66
CONN.	1,052	7,653	599	21,988	4 9
DEL...	2,224	12,754	485	54,654	...
D. C.	7	28	2	720	...
FLA...	3,071	19,927	274	7,875	12 52
GA...	19,472	101,543	1,927	43,193	101 299
IDA...	287	970	479	8,440	3 19
ILL...	14,206	84,057	6,703	144,268	47 151
IND...	9,984	57,433	2,765	51,929	41 231
IOWA	8,587	38,448	7,901	187,994	31 99
KAS...	10,077	55,236	4,975	99,715	73 262
KY...	9,256	46,721	2,196	29,613	116 483
LA...	6,423	32,041	938	25,032	13 29
ME...	1,073	13,340	287	4,436	2 6
MD...	9,758	19,165	2,777	23,035	8 58
MASS.	812	4,460	948	44,830	2 4
MICH.	6,243	26,274	2,427	39,510	21 38
MINN	2,673	10,929	2,432	45,266	105 268
MISS.	22,921	107,650	1,460	25,417	44 118
MO...	15,503	81,848	4,514	71,821	99 407
MONT	217	632	595	11,736	18 50
NEB...	5,234	22,408	4,883	104,401	22 60
NEV...	23	68	109	2,062	...
N. H.	570	4,394	239	10,092	1 1
N. J.	3,470	21,994	2,075	195,738	3 5
N. M.	480	1,953	512	8,954	13 46
N. Y.	8,197	33,020	4,299	111,954	53 188
N. C.	13,550	76,519	1,545	26,043	139 380
N. D.	857	2,666	2,181	38,360	17 42
OHIO.	10,917	53,953	3,134	55,678	37 117
OKLA	13,643	78,973	3,252	60,159	57 256
ORE...	842	2,608	588	15,764	8 21
PENN	24,005	111,715	16,161	373,304	62 158
R. I.	268	4,277	155	9,873	1 2
S. C.	16,166	12,465	1,358	114,935	69 72
S. D.	2,801	83,152	3,031	28,378	18 201
TENN	12,811	68,841	1,597	17,688	116 650
TEX...	27,828	170,407	4,584	95,625	218 736
UTAH	93	249	214	3,306	3 8
VT...	83	3,742	170	4,323	2 7
VA...	11,669	53,308	1,771	29,521	35 119
WASH	586	1,763	806	23,701	10 54
W.VA.	3,486	14,148	2941	7,698	21 102
WIS.	2,756	10,595	3,380	59,777	21 37
WYO...	134	381	303	4,667	4 6
Total.	339,538	1,765,031	109,407	2,730,994	64 58

A CAST-IRON PLOW.

In July of 1814 Jethro Wood, of Scipio, N. Y., was granted a patent for a cast-iron plow, having the mould plate, share and landside cast as three parts. This became the foundation of many improvements of later date.

REDUCED TO RECORD.

In 1810, on August 25th, at Philadelphia, "Boston Horse," a chestnut gelding, fourteen years old, trotted one mile in 2:48½, in a sulky, for \$600. This record is vouched for by J. H. Wallace, trotting authority, and now generally accepted as the first reduction of an established time record by an American trotter.

In 1814 the seed of the Miner plum was planted in Knox county, Tennessee, by William Dodd, an officer under Gen. Andrew Jackson. It went by different names for some time, and it is not certain how it became known as the Miner.

In the year 1814 Richard Booth (son of Thomas) commenced breeding Shorthorn cattle at Studley, in Yorkshire, England.

WEIGHTS OF HORSES AND MULES.

The following statement issued by the United States Department of Agriculture gives average weight of matured horses and mules in different states:

States.	Horses. Pounds.	Mules. Pounds.
MAINE.....	1,325	1,050
NEW HAMPSHIRE.....	1,270	1,050
VERMONT.....	1,200	1,000
MASSACHUSETTS.....	1,255	1,040
RHODE ISLAND.....	1,290	1,020
CONNECTICUT.....	1,220	1,040
NEW YORK.....	1,180	995
PENNSYLVANIA.....	1,320	1,010
DELAWARE.....	1,210	1,000
MARYLAND.....	1,080	920
VIRGINIA.....	1,150	995
WEST VIRGINIA.....	1,100	950
NORTH CAROLINA.....	1,165	950
SOUTH CAROLINA.....	980	880
GEORGIA.....	950	925
FLORIDA.....	940	970
OHIO.....	850	970
ILLINOIS.....	1,310	1,040
INDIANA.....	1,270	1,050
MICHIGAN.....	1,255	1,040
WISCONSIN.....	1,295	1,040
MINNESOTA.....	1,300	1,025
IOWA.....	1,305	1,035
MISSOURI.....	1,320	1,050
NORTH DAKOTA.....	1,130	1,015
SOUTH DAKOTA.....	1,290	1,040
NEBRASKA.....	1,245	1,010
KANSAS.....	1,255	1,040
KENTUCKY.....	1,220	1,040
TENNESSEE.....	1,010	950
ALABAMA.....	990	890
MISSISSIPPI.....	895	895
LOUISIANA.....	870	865
TEXAS.....	900	940
OKLAHOMA.....	1,000	930
ARKANSAS.....	1,080	960
MONTANA.....	960	890
WYOMING.....	1,290	1,010
COLORADO.....	1,290	1,030
NEW MEXICO.....	1,230	1,050
ARIZONA.....	1,030	920
UTAH.....	1,150	970
NEVADA.....	1,270	1,020
IDAHO.....	1,200	980
WASHINGTON.....	1,270	1,050
OREGON.....	1,350	1,110
CALIFORNIA.....	1,310	1,100
UNITED STATES.....	1,285	1,065
UNITED STATES.....	1,203	956

CANNING AND PRESERVING.

By the year 1810 the invention of Nicholas Appert was used in England for canning fruits and vegetables. In this year an English patent was granted to one Peter Durand for a can made of tin to be used in hermetically sealing food, the patent also covering the use of glass, pottery and other fit material.

In 1809 the Columbian Agricultural Society was instituted; the first organization to hold important fairs.

In 1809 twelve sheep of the Spanish Merino Escorial flock were imported by Mr. Jarvis and sold for a total of \$15,000.

MERINO SHEEP FOR OHIO.

In 1814 Mr. Bezaleel Wells, of Fort Steuben, Ohio, bought large numbers of Merino sheep from Hon. Wm. Jarvis.

In 1814, according to DePronville, a French writer, there were only 124 varieties of roses, but by the advantage of multiplication by seed there are now more than 6,000 varieties.

THE HEREFORD CATTLE.

In 1813, Duncan, in his "Farming of Herefordshire," said of the Hereford cattle: "Large size, an athletic form, an unusual neatness, characterize the true sort; the prevailing color is a reddish brown, with white face."

In the year 1812 a Mr. Cox, of England, arrived in the United States with a few Shorthorns, taking them into New York state.

FARM AND FACTORY BUTTER.

Tabulation Showing Amount of Butter Made on Farms and in Factories in the Year 1899.

This is another basic table. It shows amount of butter made in factories in one column and on farms in another. Compare these figures of 1909 with those of 1899 and you obtain some information, showing progress of the buttermaking industry.

State.	1899. Farm Butter, Pounds.	1899. Factory Butter, Pounds.
ALABAMA.....	19,121,964	17,357
ARIZONA.....	379,311	424,083
ARKANSAS.....	21,585,258	168,575
CALIFORNIA.....	20,853,360	13,147,137
COLORADO.....	4,932,482	1,566,639
CONNECTICUT.....	4,591,789	3,888,405
DELAWARE.....	1,629,949	969,889
DIST. OF COL.....	3,478	.....
FLORIDA.....	1,386,445	.....
GEORGIA.....	15,111,494	48,960
IDAHO.....	2,529,316	432,570
ILLINOIS.....	52,493,450	34,655,312
INDIANA.....	51,042,396	3,553,483
IOWA.....	61,789,288	77,233,261
KANSAS.....	41,640,772	18,196,483
KENTUCKY.....	30,446,381	184,663
LOUISIANA.....	4,913,229	.....
MAINE.....	16,174,175	4,461,399
MARYLAND.....	9,096,662	2,541,716
MASSACHUSETTS.....	4,980,262	4,591,919
MICHIGAN.....	60,451,998	7,820,712
MINNESOTA.....	41,188,846	41,174,469
MISSISSIPPI.....	18,881,236	.....
MISSOURI.....	45,509,110	1,440,616
MONTANA.....	2,454,072	31,238
NEBRASKA.....	34,518,659	11,726,180
NEVADA.....	569,523	623,402
NEW HAMPSHIRE.....	6,385,611	5,034,270
NEW JERSEY.....	5,894,363	1,325,519
NEW MEXICO.....	313,008	.....
NEW YORK.....	74,714,376	10,693,846
NORTH CAROLINA.....	16,913,802	.....
NORTH DAKOTA.....	9,178,815	463,188
OHIO.....	79,551,299	8,087,631
OKLAHOMA.....	13,887,074	53,200
OREGON.....	8,107,450	1,975,357
PENNSYLVANIA.....	74,221,085	37,137,161
RHODE ISLAND.....	488,086	148,195
SOUTH CAROLINA.....	8,150,437	.....
SOUTH DAKOTA.....	17,400,970	6,172,107
TENNESSEE.....	29,091,696	207,823
TEXAS.....	47,991,492	252,714
UTAH.....	2,812,122	2,519,214
VERMONT.....	18,834,706	22,453,381
VIRGINIA.....	19,905,830	176,521
WASHINGTON.....	7,372,106	3,198,421
WEST VIRGINIA.....	16,913,129	41,000
WISCONSIN.....	44,739,147	61,813,502
WYOMING.....	388,554	.....
Total.....	1,071,626,056	420,126,516

THE WORLD'S CROP OF CORN.

The world's crop of corn is considerable, but usually the crop of the United States is from a half to two-thirds of it.

Year.	Bushels.	Year.	Bushels.
1895.....	2,834,750,000	1906.....	3,963,645,000
1896.....	2,964,435,000	1907.....	2,420,321,000
1897.....	2,587,206,000	1908.....	3,606,931,000
1898.....	2,682,619,000	1909.....	3,663,226,000
1899.....	2,725,100,000	1910.....	4,031,630,000
1900.....	2,792,561,000	1911.....	3,481,007,000
1901.....	2,366,883,000	1912.....	4,371,888,000
1902.....	3,187,311,000	1913.....	3,587,429,000
1903.....	3,066,506,000	1914.....	3,877,913,000
1904.....	3,109,252,000	1915.....	4,194,586,000
1905.....	3,461,181,000	1916.....	3,612,103,000

Olive trees planted at San Diego, Calif., in the year 1760, are still in bearing.

FIRST AMERICAN CIGARS.

The first American cigars were made in the United States by Mrs. Prout, wife of a farmer of South Windsor, in the Connecticut Valley, in the year 1810.

FARM AND FACTORY BUTTER.

Tabulation Showing Amount of Butter Made on Farms and in Factories in the Year 1909.

This is a basic table. The census is taken every ten years. One census compared with the other shows the drift of trade. Therefore comparisons are possible. We go back to the year 1899 to find a starting point. See accompanying table for the year 1909.

State.	1909. Farm Butter, Pounds.	1909. Factory Butter, Pounds.
ALABAMA.....	29,550,595	.....
ARIZONA.....	325,980	1,053,869
ARKANSAS.....	29,997,337	360,834
CALIFORNIA.....	15,201,871	37,283,450
COLORADO.....	5,856,132	6,351,691
CONNECTICUT.....	3,498,551	1,950,935
DELAWARE.....	1,563,161	627,300
DIST. OF COL.....	6,155	.....
FLORIDA.....	1,705,274	.....
GEORGIA.....	27,246,247	78,058
IDAHO.....	3,542,135	2,357,386
ILLINOIS.....	46,609,992	24,570,976
INDIANA.....	43,181,817	11,712,450
IOWA.....	38,679,568	88,582,187
KANSAS.....	29,647,881	18,712,568
KENTUCKY.....	38,130,687	549,929
LOUISIANA.....	6,232,006	.....
MAINE.....	13,290,229	2,105,622
MARYLAND.....	8,739,620	1,118,530
MASSACHUSETTS.....	3,361,516	1,888,307
MICHIGAN.....	50,405,426	35,511,760
MINNESOTA.....	34,708,669	88,842,846
MISSISSIPPI.....	28,730,685	.....
MISSOURI.....	42,105,143	10,261,876
MONTANA.....	2,820,574	1,307,777
NEBRASKA.....	25,986,931	23,973,162
NEVADA.....	403,885	1,039,784
NEW HAMPSHIRE.....	5,065,188	1,740,235
NEW JERSEY.....	3,622,411	768,857
NEW MEXICO.....	1,477,617	.....
NEW YORK.....	23,461,702	45,897,216
NORTH CAROLINA.....	26,059,585	.....
NORTH DAKOTA.....	16,414,439	3,683,679
OHIO.....	69,569,132	17,491,251
OKLAHOMA.....	27,056,242	4,110,973
OREGON.....	5,637,964	8,472,660
PENNSYLVANIA.....	61,158,115	30,484,217
RHODE ISLAND.....	339,607	.....
SOUTH CAROLINA.....	12,329,567	.....
SOUTH DAKOTA.....	13,629,647	9,495,608
TENNESSEE.....	39,827,906	.....
TEXAS.....	64,993,214	2,133,590
UTAH.....	2,947,366	3,722,784
VERMONT.....	15,165,692	20,227,495
VIRGINIA.....	26,651,244	158,853
WASHINGTON.....	6,751,575	11,302,591
WEST VIRGINIA.....	18,969,699	.....
WISCONSIN.....	27,200,509	103,884,681
WYOMING.....	1,192,122	783,585
Total.....	994,650,610	624,761,653

WORLD'S BARLEY CROP.

The world's barley crop statement shows that there has been slow progress in enlarging the yield, although that is not out of the question. The largest world's crop was in 1913.

Year.	Bushels.	Year.	Bushels.
1895.....	915,501,000	1906.....	1,296,579,000
1896.....	932,100,000	1907.....	1,271,237,000
1897.....	861,605,000	1908.....	1,274,897,000
1898.....	1,030,581,000	1909.....	1,458,263,000
1899.....	965,720,000	1910.....	1,388,734,000
1900.....	959,622,000	1911.....	1,373,286,000
1901.....	1,072,195,000	1912.....	1,166,977,000
1902.....	1,229,132,000	1913.....	1,650,205,000
1903.....	1,235,786,000	1914.....	1,463,289,000
1904.....	1,175,784,000	1915.....	1,503,272,000
1905.....	1,180,053,000	1916.....	1,529,031,000

In the year 1810 there were 283 linseed-oil mills enumerated in the United States, of which 171 were in the state of Pennsylvania.

In 1808 occurred the original sheep shearings by George Washington Parke Custis, at Arlington, near Washington, D. C.

WHEN POTATOES ARE HARVESTED.

Potatoes being an important farm crop all over the United States, all particulars are of importance. The percentage of the potato crop usually harvested in the different months of the year is as follows:

State.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
ALA....				1	30	35	20					
ARIZ....					5	26	10	3	6	50		
ARK....					4	30	21	10	15	13		
CALIF....					4	9	15	3	13	34		1
COLO....								9	24	54	10	
CONN....								3	10	45	40	2
DEL....							23	24	13	19	16	
FLA....	1	4		38	33		1	1	0	0	2	2
GA....			1	16	25	18	10	9	16	4		
IDAHO....							3	9	20	64		
ILL....						2	10	16	33	35	4	
IND....						1	11	17	27	43	1	
IOWA....						1	8	13	36	42		
KAS....						3	14	18	30	34	1	
KY....						4	12	20	30	30	4	
LA....				2	46	38	10	1	0	3		
ME....							1	9	55	34	1	
MD....						4	17	21	23	25	10	
MASS....							4	15	40	40	1	
MICH....							4	10	22	61	3	
MINN....							3	10	35	50	2	
MISS....				2	14	37	28	8	4	5	3	
MO....						1	3	13	19	35	27	2
MONT....							3	9	31	56	1	
NEB....						1	6	10	37	45	1	
NEV....							1	6	21	69	3	
N. H....							3	10	44	41	2	
N. J....						2	18	36	26	18	0	
N. M....							5	10	30	54	1	
N. Y....							5	14	27	51	3	
N. C....				2	28	20	14	13	19	1	4	
N. D....							1	5	30	64		
OHIO....						1	8	17	34	37	3	
OKLA....						1	22	34	20	12	9	2
ORE....						1	6	9	19	53	11	1
PENN....							8	18	39	32	3	
R. I....							10	25	40	24	1	
S. C....				1	30	40	15	3	2			
S. D....							3	14	35	43	2	
TENN....						1	6	17	19	24	27	6
TEX....				1	23	37	17	7	6	8	1	
UTAH....							4	8	16	70	2	
VT....							2	8	44	45	1	
VA....				1	16	21	16	17	21	8		
WASH....						1	6	11	20	55	7	
W. VA....						1	7	16	36	37	3	
WIS....							3	6	26	64	1	
WYO....							2	8	30	56	4	

THE FIRST CRANBERRIES.

The cranberry was first cultivated from wild bog fruit in the vicinity of Cape Cod, Mass., in the year 1810.

WORLD'S TOBACCO CROP.

The most important tobacco-growing country is the United States of America. In 1915 the production of the world was 2,153,395,396 pounds, and 1,062,237,000 pounds were raised in this country. Russia, the Dutch East Indies, Japan and the Philippine Islands are the other important tobacco growers.

Year.	Pounds.	Year.	Pounds.
1900....	2,201,193,000	1909....	2,742,500,000
1901....	2,270,213,000	1910....	2,833,729,000
1902....	2,376,054,000	1911....	2,566,202,000
1903....	2,401,268,000	1912....	1,374,319,907
1904....	2,146,641,000	1913....	2,145,259,036
1905....	2,279,728,000	1914....	2,254,086,747
1906....	2,270,298,000	1915....	2,153,395,336
1907....	2,391,061,000	1916....	
1908....	2,382,601,000	1917....	

SHEEP IN SOUTH AFRICA.

In 1810 a well-known firm, Reitz, Van Breda & Joubert, agriculturists and extended land proprietors in the districts of Bredasdrorp and Svelledam, South Africa, made the first successful importation to that country of Spanish Merino sheep, there being two bucks and twenty-five ewes in the importation. During the Napoleonic wars in Europe the wool of these sheep sold for 90 cents per pound.

In the year 1810 sorghum was recommended as a soiling crop under the name of Guinea corn by John Lorain, in memoirs of the Philadelphia Agricultural Society.

VARIETIES OF SPRING WHEAT.

The following table gives for the principal spring-wheat states the estimated percentage which each important variety was of the total crop of the state for years indicated, also the estimated average yield per acre of such variety. The table was made up by the United States Department of Agriculture.

Results by Percentage.

Year.	Mar-quis. Ct.	Velvet Ct.	Blue Stem. Ct.	Du-quois. Ct.	Win-ter. Ct.	Other. Ct.
Minnesota.						
1918...	55.6	22.0	11.6	3.2	1.6	1.8
1917...	46.0	26.0	18.0	3.0	3.0	1.0
1916...	30.7	28.9	30.8	2.2	3.8	3.3
1915...				1.9		98.1
1914...	3.0	30.0	52.0	2.0	7.0	4.0
North Dakota.						
1918...	47.0	9.0	7.0	29.0	6.0	1.5
1917...	43.0	10.0	12.0	25.0	8.0	1.0
1916...	38.3	12.2	14.1	18.5	15.9	.5
1915...				14.5		85.5
1914...	5.0	11.0	45.0	13.0	21.0	4.0
South Dakota.						
1918...	58.0	12.2	5.3	19.8	1.6	2.7
1917...	43.0	20.0	11.0	20.0	3.0	3.0
1916...	22.5	28.4	22.8	12.0	2.6	11.5
1915...				22.7		77.3
1914...	3.0	31.0	30.0	21.0	11.0	3.0
Montana.						
1918...	47.0	2.0	4.0	15.0	2.0	29.0
1917...	45.0	1.0	3.0	8.0	2.0	40.0

Results in Bushels.

Year.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.
Minnesota.						
1918...	22.4	19.0	17.0	20.0	17.6	20.0
1917...	17.2	16.0	14.0	15.5	15.0	20.0
1916...	11.0	7.4	5.5	8.5	6.9	14.0
1914...	12.8	11.6	9.8	12.3	10.3	19.5
North Dakota.						
1918...	13.2	12.0	11.0	14.0	11.0	9.0
1917...	8.0	7.5	7.2	9.0	7.0	8.5
1916...	6.0	5.2	3.8	7.3	4.5	11.9
1914...	14.9	12.1	10.3	13.9	10.9	13.7
South Dakota.						
1918...	19.3	17.0	15.4	19.5	16.0	17.0
1917...	15.3	13.1	11.1	15.6	10.0	14.0
1916...	7.9	6.2	5.0	8.2	5.0	18.5
1914...	11.2	9.3	7.5	11.2	9.3	14.0
Montana.						
1918...	13.0	12.7	10.5	12.9	10.8	14.2
1917...	9.3	7.5	6.5	9.0	7.5	12.5

SILOS IN THE UNITED STATES.

The Year Book of the United States Department of Agriculture is responsible for the estimate for the year 1918 of the number of silos in each state, also for the estimate that silos are increasing 10 per cent. a year. A census will soon be taken.

State.	No. of Silos.	Average Capacity.	Total Capacity.
NEW YORK.....	55,000	75	4,125,000
PENNSYLVANIA....	24,000	65	1,560,000
OHIO.....	25,000	75	1,675,000
INDIANA.....	27,000	70	1,890,000
ILLINOIS.....	30,000	79	2,370,000
MICHIGAN.....	33,000	70	2,310,000
WISCONSIN.....	55,000	87	4,785,000
MINNESOTA.....	15,000	95	1,425,000
IOWA.....	16,000	105	1,680,000
MISSOURI.....	13,000	90	1,170,000
KANSAS.....	11,000	106	1,166,000
KENTUCKY.....	10,000	80	800,000
NEW ENGLAND....	35,000	67	2,345,000
OTHER.....	55,000	77	4,235,000

UNITED STATES... 404,000 78 31,536,000

THE COLLING SHORTHORNS.

A sale of Shorthorn cattle by Charles Colling at Ketton, England, took place in 1810. Average for forty-seven head, \$757; top price for the bull Comet, \$5,000. This was the dispersion of one of the greatest herds of cattle in Shorthorn history. The brothers Charles and Robert Colling had separate herds, and this was the first to be dispersed. The Collings were the first great improvers of modern Shorthorn cattle and they were first-class advertisers by show-yard methods.

Agricultural Implements.

Statement by Census Bureau of the Department of Commerce, showing the number of establishments engaged in the manufacture of agricultural implements in the United States, comparative summary 1909 and 1914, together with the number of each class of implements manufactured in 1914.

	1909.	1914.
Number of establishments.....	854	772
Total value.....	\$149,318,544	\$168,120,632
Implements of cultivation.....	37,410,595	39,632,903
Planters and seeders.....	12,306,207	12,268,156
Harvesting implements.....	35,250,840	40,561,472
Seed separators.....	11,588,986	13,986,184
All other products, including parts.....	49,619,354	60,211,327
Received for repair work.....	3,142,562	1,460,590
Implements of Cultivation.		
Cultivators.....	Number.	Number.
Beet.....	3,172	2,184
Small (horse and hand).....	470,607	495,407
Wheeled.....	442,577	382,189
Cotton scrapers.....	20,434	17,537
Fertilizing machines.....	Not reported.	185,990
Harrows.....		
Disk.....	197,106	212,133
Spring-tooth.....	114,341	188,247
Spike-tooth.....	400,885	382,141
Land rollers.....	Not reported.	22,942
Listers.....	44,683	37,953
Plows.....		
Disk.....	22,890	15,830
Gang.....	91,731	75,839
Shovel.....	256,517	181,802
Engine.....	2,366	3,285
Sulky (single).....	134,939	108,248
Walking.....	1,135,657	913,385
Pulverizers.....	Not reported.	12,795
Other.....	Not reported.	80,269
Planters and Seeders.		
Seeders (broadcast) and seeder attach.....	63,709	61,954
Corn Planters.		
Hand.....	101,811	102,850
Horse.....	125,929	115,053
Cotton planters.....	81,826	101,256
Potato planters.....	23,142	37,276
Drills.....	144,616	199,805
Seed sowers, hand, field.....	7,867	12,608
Other planters or seeders.....	Not reported.	4,124
Harvesting Implements.		
Grain cradles.....	23,101	38,821
Harvesters.....		
Bean.....	1,650	3,605
Corn.....	19,819	52,087
Grain.....	136,022	215,386
Harvesters and thrashers comb.....	543	284
Other.....	1,735	2,753
Hay carriers.....	71,935	69,199
Hayforks, horse.....	98,181	75,202
Hay loaders.....	34,767	29,059
Hayrakes, horse.....	269,024	185,081
Hay stackers.....	17,876	7,567
Hay tedders.....	34,416	9,796
Mowers.....	359,328	274,521
Other haying tools.....	Not reported.	42,344
Potato diggers, horse.....	26,083	25,923
Reapers.....	58,294	56,982
Other.....	Not reported.	13,774
Seed Separators.		
Clover hullers.....	869	1,166
Corn huskers.....	359	453
Corn huskers and shredders.....	1,298	4,338
Corn Shellers.		
Hand.....	86,806	74,405
Power.....	9,934	12,075
Fanning mills.....	37,959	27,504
Thrashers.		
Horse power.....	1,070	302
Engine.....	13,268	13,386
Other.....	Not reported.	7,174

The number of establishments includes for 1914 number and output of 170 establish-

ments engaged primarily in other industries, which produced agricultural implements as subsidiary products to the value of \$4,033,797; and for 1909 number and output of 214 establishments of this character which produced \$2,989,276 worth of implements.

Creameries and Cheese Factories.

The following is furnished us by the Dairy Division of the United States Bureau of Animal Industry and represents the latest enumeration of cheese factories and creameries in the different states:

State.	Cheese Cream-Factories.	Cries.	Total.
ALABAMA.....	3	3	3
ARIZONA.....	3	2	5
ARKANSAS.....	4	4	4
CALIFORNIA.....	93	152	245
COLORADO.....	8	41	49
CONNECTICUT.....	2	29	31
DELAWARE.....	1	8	9
DISTRICT OF COLUMBIA.....	1	1	1
FLORIDA.....	.....	.....	.....
GEORGIA.....	1	1	1
IDAHO.....	18	18	18
ILLINOIS.....	50	216	266
INDIANA.....	13	111	124
IOWA.....	25	562	587
KANSAS.....	1	43	44
KENTUCKY.....	5	5	5
LOUISIANA.....	3	3	3
MAINE.....	5	26	31
MARYLAND.....	43	43	43
MASSACHUSETTS.....	19	19	19
MICHIGAN.....	196	273	469
MINNESOTA.....	74	848	922
MISSISSIPPI.....	2	2	2
MISSOURI.....	4	39	43
MONTANA.....	1	25	26
NEBRASKA.....	1	52	53
NEVADA.....	6	6	6
NEW HAMPSHIRE.....	2	27	29
NEW JERSEY.....	13	13	13
NEW MEXICO.....	7	7	7
NEW YORK.....	995	576	1,571
NORTH CAROLINA.....	5	5	5
NORTH DAKOTA.....	3	67	70
OHIO.....	111	307	418
OKLAHOMA.....	1	25	26
OREGON.....	42	99	141
PENNSYLVANIA.....	106	445	551
RHODE ISLAND.....	1	1	1
SOUTH CAROLINA.....	1	1	1
SOUTH DAKOTA.....	99	99	99
TENNESSEE.....	9	9	9
TEXAS.....	95	95	95
UTAH.....	8	38	46
VERMONT.....	35	181	216
VIRGINIA.....	3	12	15
WASHINGTON.....	15	96	111
WEST VIRGINIA.....	1	6	7
WISCONSIN.....	1,720	812	2,532
WYOMING.....	10	10	10
Total.....	3,520	5,463	8,983

Mr. Bezaleel Wells, Mr. Patterson, Henry Baldwin and James Ross erected a woolen factory at Steubenville, Ohio, in 1814.

In 1814 Nicholson, in the Farmers' Assistant, describes modern grasses and mentions that they seed freely.

In 1817 the first pure-bred Devon cattle were imported by Mr. Patterson, of Baltimore from the English herd of the Earl of Leicester.

In 1816 the Oakes cow, famous in Massachusetts, gave forty-four quarts of milk per day and made 467 pounds of butter in one year.

In 1815 Louis Downing, of Salem, Mass., moved to Concord, and there began the manufacture of coaches and wagons.

A FARMERS' PAPER.

In 1817 the "Missouri Intelligencer and Boon's Lick Advertiser," the first newspaper publication in Missouri, was printed at Old Franklin, in Howard county. It was necessarily somewhat of a farmers' paper.

INFORMATION CONCERNING The Book **LIVE STOCK** of **CHAMPIONS**

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One hundred thousand copies of the various editions of this book have been sold and a few hundred more copies of the last and best edition are available. The price of the book is now one dollar a copy. It weighs twenty-five ounces, but the book will be mailed postpaid for the dollar. If it was printed now it would be a three-dollar book.

This Book of Champions has been of great benefit in educating farmers in the value of raising pure-bred stock. No farmer could possibly be engaged in raising scrubs who has a copy of the book. It is therefore right and fitting that such works should be supported generously by breeders of live stock. Send cash, money order, bank draft, or new one and two-cent postage stamps (no three-cent stamps), if not at a money order office.

THE HALE PUBLISHING CO., 3550 Vista Ave., St. Louis, Mo.

Wool Production.

When the last census was taken there were 39,644,046 sheep of shearing age on 610,894 farms, the average fleece weighed 6.8 pounds, and the total wool production was 289,419,977 pounds. Ten years previous there were 39,852,967 sheep of shearing age on 763,518 farms, the average fleece was 6.3 pounds, and the total wool production was valued at an average of 17 cents a pound, and in 1909 the wool was valued at 23 cents a pound. The following table shows wool production by states:

State.	1910.			
	Farms Re- porting.	Sheep of Shearing Age.	Weight of Fleece, Pounds.	Total Wool, Pounds.
ALA....	6,628	109,112	2.8	339,884
ARIZ....	1,627	916,600	6.0	5,503,800
ARK....	8,397	96,517	3.7	376,877
CALIF....	3,857	1,525,288	5.5	14,064,703
COLO....	1,794	1,305,566	6.0	7,563,219
CONN....	741	14,043	5.3	71,272
DEL....	266	4,415	6.1	19,059
D. C....				
ILL....	26,262	658,484	7.3	4,971,380
IND....	38,191	812,427	6.8	5,360,044
FLA....	651	95,115	3.1	287,069
GA....	5,167	153,250	2.6	427,943
IDAHO....	2,932	2,110,330	7.3	16,377,265
IOWA....	21,810	769,917	7.5	5,484,702
KAN....	3,153	204,023	7.1	1,170,308
KY....	15,697	778,154	4.3	3,448,848
LA....	3,656	139,308	3.2	442,865
MAINE....	11,060	149,934	6.0	947,922
MD....	6,228	126,251	5.8	705,320
MASS....	1,028	22,699	5.9	127,897
MICH....	54,865	1,545,241	7.5	11,965,405
MINN....	24,565	452,071	7.2	3,259,282
MISS....	5,727	156,230	3.1	480,581
MO....	41,081	1,116,189	6.4	7,343,222
MONT....	2,252	4,959,835	8.0	37,669,031
NEB....	3,043	240,116	7.0	2,177,355
NEV....	314	824,875	7.0	6,273,667
N. H....	2,236	31,201	6.3	209,518
N. J....	878	16,795	5.9	94,726
N. M....	3,378	2,894,984	5.5	16,994,017
N. Y....	24,854	606,119	6.9	4,235,707
N. C....	14,710	140,070	3.1	493,882
N. D....	3,671	241,392	6.1	1,676,830
OHIO....	71,556	2,890,163	7.1	21,685,258
OKLA....	880	18,896	6.1	281,750
ORE....	6,356	1,958,332	8.9	18,841,862
PENN....	25,436	687,544	6.4	4,190,212
R. I....	1,422	4,206	5.5	24,009
S. C....	1,731	27,926	3.1	86,819
S. D....	5,159	501,041	6.8	3,598,246
TENN....	29,987	470,337	3.7	1,854,172
TEXAS....	6,876	1,377,724	5.1	10,257,779
UTAH....	2,388	1,670,890	7.3	12,102,220
VT....	5,033	84,360	6.9	625,722
VA....	21,514	438,719	4.5	1,937,252
WASH....	2,155	295,264	9.7	3,135,348
W. VA....	26,179	566,952	4.9	2,719,684
WIS....	30,040	628,539	7.3	4,688,477
WYO....	1,643	4,826,565	8.4	42,827,866
Total..	610,894	39,644,046	6.8	289,419,977
1900..	763,518	39,852,967	6.3	276,567,584

WORLD'S RYE CROP.

Rye is a valuable crop, but there has been no visible increase in the last few years. The largest crop was in 1912.

Year.	Bushels.	Year.	Bushels.
1895..	1,408,212,000	1906..	1,433,395,000
1896..	1,499,250,000	1907..	1,538,778,000
1897..	1,300,645,000	1908..	1,590,057,000
1898..	1,461,171,000	1909..	1,747,123,000
1899..	1,583,139,000	1910..	1,673,423,000
1900..	1,557,634,000	1911..	1,753,933,000
1901..	1,416,022,000	1912..	1,886,517,000
1902..	1,647,845,000	1913..	1,880,387,000
1903..	1,650,961,000	1914..	1,596,882,000
1904..	1,742,112,000	1915..	1,604,000,000
1905..	1,495,751,000	1916 not yet known.	

In 1806 began the publication of Bernard McMahon's American Gardeners' Calendar: first recorded history of American horticulture.

Mr. Seth Adams moved his Merino sheep from Massachusetts to Muskingum county, Ohio, in 1808.

The London Society For the Encouragement of Arts, Manufactures and Commerce called public attention to the existence and value of cotton-seed oil in 1783.

WOOL PRODUCTION, 1915-1916.

The estimate of wool production during the years 1915 and 1916 presents some interesting disclosures when compared with the census year 1910. Especially will these tables be found interesting when compared with the estimates of the number of sheep in the United States.

State.	Year 1915.			Year 1916.		
	Fleece, lbs.	Wool, lbs.	Cts., lb.	Fleece, lbs.	Wool, lbs.	Cts., lb.
ALA.	3.80	380,000	19.0	3.50	350,000	21.6
ARIZ.	6.30	5,985,000	20.0	6.50	5,950,000	26.2
ARK.	4.50	385,000	19.4	4.10	350,000	22.8
CAL.	6.10	11,590,000	18.6	6.30	11,600,000	22.0
COL.	6.00	7,800,000	21.2	6.00	8,400,000	25.2
CONN.	5.30	80,000	24.3	5.40	75,000	31.0
DEL.	6.00	30,000	24.0	6.00	30,000	31.5
FLA.	3.10	330,000	23.9	3.10	345,000	28.2
GA.	2.60	400,000	22.0	3.00	495,000	26.5
IDA.	7.30	15,285,000	22.8	7.60	15,000,000	27.7
ILL.	7.50	3,975,000	25.0	7.50	3,855,000	30.1
IND.	6.00	4,690,000	24.4	6.80	4,420,000	32.8
IA.	7.60	5,325,000	23.8	7.50	4,875,000	29.1
KAN.	7.10	1,240,000	20.0	7.20	1,330,000	25.0
KY.	4.90	3,185,000	25.7	5.00	3,125,000	32.3
LA.	3.70	536,000	15.4	3.50	590,000	19.4
ME.	6.30	850,000	28.1	6.50	850,000	35.0
MD.	5.90	750,000	25.5	5.80	750,000	33.2
MASS.	6.10	115,000	25.0	6.90	125,000	29.0
MICH.	6.90	8,075,000	27.5	7.10	8,275,000	33.4
MINN.	7.00	2,660,000	21.8	7.00	2,695,000	27.5
MISS.	3.50	520,000	18.4	3.60	540,000	22.3
MO.	6.70	4,890,000	24.6	6.80	4,625,000	29.9
MONT.	7.70	26,950,000	25.2	7.80	24,570,000	29.4
NEB.	7.40	1,665,000	22.9	8.00	1,830,000	27.2
NEV.	7.90	9,500,000	20.0	7.50	10,000,000	21.7
N. H.	6.40	185,000	25.5	6.60	185,000	31.5
N. J.	5.60	95,000	25.0	5.00	80,000	31.7
N. M.	5.60	18,620,000	18.5	5.70	18,240,000	22.8
N. Y.	6.50	3,480,000	27.3	6.70	3,550,000	33.1
N. C.	3.90	545,000	22.6	4.20	570,000	27.9
N. D.	7.20	1,260,000	19.4	7.50	1,350,000	25.7
OHIO.	6.80	13,000,000	27.1	7.00	13,650,000	32.5
OKLA.	7.00	190,000	19.7	6.80	500,000	23.7
ORE.	8.00	14,820,000	22.8	7.50	13,200,000	27.2
PENN.	6.20	4,080,000	25.6	6.50	4,225,000	32.0
R. I.	5.00	100,000	25.8	5.00	225,000	32.3
S. C.	4.00	250,000	19.4	4.00	95,000	24.5
S. D.	7.00	3,150,000	21.4	7.50	3,560,000	27.0
TENN.	4.40	1,870,000	19.4	4.40	1,870,000	27.7
TEX.	5.40	9,750,000	17.4	5.70	10,250,000	23.0
UTAH.	7.50	15,000,000	20.8	7.20	15,000,000	24.8
VT.	7.10	590,000	27.3	7.40	580,000	33.9
VA.	4.70	1,835,000	25.8	5.00	1,900,000	32.6
WASH.	8.70	4,560,000	19.4	8.60	4,750,000	25.9
W. VA.	5.00	2,750,000	27.2	5.00	2,750,000	32.9
WIS.	7.20	2,520,000	25.4	7.50	2,510,000	30.4
WYO.	8.00	29,200,000	22.6	8.40	31,000,000	26.0
U. S.	6.80	285,726,000	22.8	6.86	288,490,000	27.6
Full'd Wool.		40,000,000			43,600,000	

WORLD'S RICE CROP.

The world's rice harvest depends largely upon British India, Japan and Siam. This is the only field crop except tobacco that is enumerated in pounds.

Year.	Pounds.	Year.	Pounds.
1900.	100,400,000,000	1909.	127,700,000,000
1901.	94,400,000,000	1910.	126,100,000,000
1902.	101,600,000,000	1911.	102,100,000,000
1903.	101,800,000,000	1912.	97,300,000,000
1904.	110,700,000,000	1913.	100,700,000,000
1905.	102,400,000,000	1914.	102,986,000,000
1906.	105,800,000,000	1915.	115,193,190,000
1907.	100,300,000,000	1916.	.....
1908.	102,900,000,000	1917.	.....

About 1815 Ezra Doggett, an Englishman, brought the secret of canning goods to America and engaged in packing of hermetically-sealed food and engaged in the business with his son-in-law, Thomas Kensett.

In the year 1812 artificial heat was first employed in curing tobacco to produce the pipebald or spangled tobacco of Virginia to satisfy the foreign demand.

In the year 1810 Captain Wm. Smith bought a Shorthorn bull and took it to Fayette county, Kentucky.

The making of cheese as a business began in Herkimer county, New York, in the year 1810.

In the year 1810 the tea plant was introduced into Brazil at Rio de Janeiro.

Broom Corn Production.

1910.

State.	Farms Re- port- ing.	Acreage.	Production, Pounds.	Value, Dollars.
ALA.	145	52	17,910	1,562
ARIZ.	1	11	6,000	400
ARK.	294	332	106,576	8,198
CAL.	24	1,023	614,250	32,500
COLO.	240	5,631	1,187,791	71,717
CONN.	2	.....	150	14
DEL.	21	13	4,198	492
GA.	8	22	7,067	694
ILL.	1,854	38,452	19,309,425	1,457,172
IND.	355	323	153,259	13,461
IA.	49	156	75,370	6,670
KAS.	1,728	41,064	8,768,853	593,947
KY.	1,041	342	157,286	13,641
LA.	263	320	92,208	7,285
MD.	291	19	18,599	2,006
MASS.	2	2	2,160	168
MICH.	9	4	2,200	233
MINN.	13	13	10,259	738
MISS.	43	154	60,574	5,548
MO.	1,225	5,339	1,174,536	115,243
NEB.	51	458	157,146	11,116
N. J.	10	11	6,760	658
N. M.	368	4,470	644,892	33,492
N. Y.	10	2	1,001	97
N. C.	128	15	6,493	549
N. D.	3	18	7,250	725
OHIO.	383	170	92,292	9,116
OKLA.	10,151	216,350	12,741,725	2,559,235
PENN.	727	108	45,582	5,253
S. C.	3	2	650	63
S. D.	14	64	85,400	3,408
TENN.	2,220	1,348	347,064	27,733
TEX.	531	9,448	2,368,490	140,533
UTAH	1	.....	200	12
VA.	666	107	46,016	3,586
WASH.	5	183	45,040	2,905
W. VA.	397	45	30,456	3,229
WIS.	12	28	14,830	1,026
Total	23,238	326,102	78,959,958	5,134,434

Production of Cowpeas, 1917.

Cowpea cultivation is a Southern industry, reaching North to moderate climates. Cowpeas are grown for grain, for hay, to be placed in silos, grazed or hogged off, or plowed under to enrich the soil. Cowpeas are also planted with other crops and represent a by-product. The figures given include total acreage, grain harvested and hay yield.

State.	Acres Planted.	Grain Yield, Bushels.	Hay Yield, Tons.
ALA.	1,057,000	3,012,000	314,000
ARK.	324,000	648,000	390,000
FLA.	360,000	320,000	.....
GA.	771,000	770,000	124,000
ILL.	75,000	.....	.....
IND.	53,000	.....	.....
KY.	163,000	300,000	183,000
LA.	580,000	1,773,000	.....
MD.	11,000	.....	.....
MISS.	1,300,000	.....	.....
MO.	50,000	375,000	10,000
N. C.	230,000	540,000	74,000
N. J.	3,000	.....	.....
OHIO.	3,000	2,000	.....
OKLA.	45,000	108,000	.....
PENN.	5,000	.....	.....
S. C.	750,000	672,000	366,000
TENN.	190,000	200,000	248,000
TEXAS.	517,000	.....	.....
VA.	300,000	.....	.....
W. VA.	10,000	3,000	15,000
Total	6,797,000	8,723,000	1,724,000

In the year 1811 Lord Braybooke, of Audley End, England, established a herd of Alderney cattle with one bull and eight cows, which cost \$94.70 per head delivered at his estate.

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Highest Grain Prices.

Herewith is published the highest prices for contract wheat, contract corn and contract oats on the Chicago market, each year for fifty (50) years. The figures are given for wheat, corn and oats, side by side, so that the differences in values of each class of grain can be seen at a glance:

HIGHEST PRICES.

Year.	Wheat.	Corn.	Oats.
1867.....	\$2.85	\$1.12	\$0.90
1868.....	2.20	1.02½	.74
1869.....	2.47	.97½	.71
1870.....	1.31½	.94½	.53½
1871.....	1.32	.56½	.51½
1872.....	1.61	.48¾	.43¼
1873.....	1.46	.54¼	.40¾
1874.....	1.28	.86	.71
1875.....	1.30½	.76½	.64½
1876.....	1.26¾	.49	.35
1877.....	1.76½	.58	.45¾
1878.....	1.14	.43¾	.72½
1879.....	1.33½	.49	.36¾
1880.....	1.32	.43¾	.35
1881.....	1.43¼	.76¾	.47¾
1882.....	1.40	.81½	.62
1883.....	1.13½	.70	.43½
1884.....	.96	.87	.34¼
1885.....	.91¾	.49	.36½
1886.....	.84¾	.45	.35
1887.....	.94¾	.51½	.31½
1888.....	2.00	.60	.38
1889.....	1.08¾	.60	.26½
1890.....	1.08¾	.54¼	.56½
1891.....	1.16	.80	.345½
1892.....	.91¾	1.00	.32¼
1893.....	.85	.447½	.50
1894.....	.63¾	.59½	.31½
1895.....	.81¾	.54¾	.20¼
1896.....	.94¾	.305¾	.23¾
1897.....	1.06	.325¾	.32
1898.....	1.85	.38	.32
1899.....	.79½	.38¼	.28¼
1900.....	.87½	.49½	.26¼
1901.....	.79½	.66¾	.48¼
1902.....	.95	.88	.71
1903.....	.93	.53	.45
1904.....	1.22	.58¼	.46
1905.....	1.24	.64½	.34½
1906.....	.94¾	.54¾	.42¾
1907.....	1.22	.66½	.56½
1908.....	1.11	.82	.60½
1909.....	1.60	.77	.62½
1910.....	1.29½	.68	.49
1911.....	1.17	.76	.475½
1912.....	1.22	.83	.58½
1913.....	1.15¾	.78¼	.43¾
1914.....	1.33	.86	.51½
1915.....	1.68	.82¼	.60½
1916.....	2.02	1.11	.57

VALUE OF CROPS PER ACRE.

The table relates to ten crops and shows values from 1866 to 1918, inclusive—corn, wheat, oats, barley, rye, buckwheat, potatoes, hay, tobacco and cotton, which comprise nearly 90 per cent. of the area in all field crops, the average value of which closely approximates the value per acre of the aggregate of all crops.

Year.	Year.	Year.	Year.
1866....	\$14.17	1884....	\$ 9.95
1867....	15.09	1885....	9.72
1868....	14.17	1886....	9.41
1869....	14.67	1887....	10.14
1870....	15.74	1888....	10.30
1871....	14.86	1889....	8.99
1872....	14.19	1890....	11.03
1873....	13.25	1891....	11.76
1874....	12.20	1892....	10.10
1875....	10.80	1893....	9.50
1876....	12.01	1894....	9.06
1877....	10.37	1895....	8.12
1878....	13.26	1896....	7.94
1879....	13.01	1897....	9.07
1880....	13.10	1898....	9.00
1881....	12.93	1899....	9.13
1882....	10.93	1900....	10.31
1883....		1901....	11.43
1884....		1902....	\$12.07
1885....		1903....	12.62
1886....		1904....	13.26
1887....		1905....	13.28
1888....		1906....	13.46
1889....		1907....	14.74
1890....		1908....	15.32
1891....		1909....	16.09
1892....		1910....	15.53
1893....		1911....	15.36
1894....		1912....	16.09
1895....		1913....	16.49
1896....		1914....	16.44
1897....		1915....	17.18
1898....		1916....	22.58
1899....		1917....	33.27
1900....		1918....	33.44
1901....		1919....	

In the year 1798, in Kentucky, was begun the Dufours vineyard, where the first great American grape, the Cape—an offshoot of the fox-grape—was propagated. This grape was popular in the early half of the nineteenth century.

Lowest Grain Prices.

Herewith is published the lowest prices for contract wheat, contract corn and contract oats on the Chicago market, each year for fifty (50) years. The figures are given for wheat, corn and oats, side by side, so that the differences in values of each class of grain can be seen at a glance:

LOWEST PRICES.

Year.	Wheat.	Corn.	Oats.
1867.....	\$1.55½	\$0.56¾	\$0.38½
1868.....	1.04½	.52	.41½
1869.....	.76½	.44	.35½
1870.....	.73¼	.45	.32½
1871.....	.99½	.39½	.27
1872.....	1.01	.29½	.20¼
1873.....	.89	.27	.23¾
1874.....	.81½	.49	.26¼
1875.....	.83¼	.45½	.29½
1876.....	.83	.38¾	.27
1877.....	1.01½	.375½	.22
1878.....	.77	.29¾	.18
1879.....	.815½	.29¾	.19½
1880.....	.86½	.31½	.22½
1881.....	.95¾	.35¾	.29½
1882.....	.91½	.79¼	.30½
1883.....	.90	.46	.25
1884.....	.69	.34½	.23
1885.....	.73¾	.34½	.24¼
1886.....	.69¾	.33¼	.22¾
1887.....	.66¾	.33	.23½
1888.....	.71½	.33½	.23¼
1889.....	.75½	.29¼	.17¾
1890.....	.74¼	.27¼	.19¼
1891.....	.84¾	.39½	.26
1892.....	.69¼	.37½	.28
1893.....	.54¼	.34¾	.215½
1894.....	.50¾	.33¾	.26
1895.....	.487½	.24¾	.16¾
1896.....	.53	.19½	.14¾
1897.....	.66½	.21¾	.15¾
1898.....	.62	.26	.20¼
1899.....	.64	.30	.19¼
1900.....	.61½	.30½	.21
1901.....	.63¼	.36	.23¼
1902.....	.67½	.43¾	.29¾
1903.....	.70¼	.41	.31¼
1904.....	.81¼	.42¾	.28¼
1905.....	.77¾	.42	.25
1906.....	.69½	.39	.287½
1907.....	.71	.39¾	.33½
1908.....	.84½	.56½	.46
1909.....	.99¾	.58¼	.36½
1910.....	.89½	.45½	.29¾
1911.....	.83¼	.43½	.287½
1912.....	.85	.47½	.30¼
1913.....	.80¾	.46½	.315½
1914.....	.77¾	.60	.33½
1915.....	.98	.59¾	.35¾
1916.....	.98¼	.69	.37¾

THE HOSS APPLE.

In 1816 died, on Boone's Creek, Washington county, Tennessee, a farmer who propagated the Hoss apple, sometimes called the "horse" apple. It was Jacob Hoss, great-grandfather of Bishop E. E. Hoss, and came there from Pennsylvania in 1778.

HAPPINESS AND PEACE.

"Let us cultivate the ground, that the poor as well as the rich may be filled," and happiness and peace be established throughout our borders."—On title page of Third Volume Memoirs of the Philadelphia Society For Promoting Agriculture, in 1814, published by Johnson & Warner.

SOUTHERN CATTLE FEVER.

In 1814 Texas or Southern cattle fever was first mentioned. Dr. James Mease, of Philadelphia, said that cattle from South Carolina so certainly diseased all others with which they mixed in their progress to the North that they were prohibited by the people of Virginia from passing through that state.

The establishment of the famous flock of Stephen Atwood, who was the breeder of Merino sheep for fifty-four years, was started with one ewe bred to a neighbor's buck; result, twins—a buck and ewe lamb in 1813.

SPRING WHEAT, 1919.

Spring wheat is grown largely in Minnesota and North Dakota and moderately in a few other states. The following statement by the Department of Agriculture of the spring wheat acreage for 1919, the percentage of what the acreage is as compared with the previous year and the estimate issued in June, 1919. This tabulated statement is shown by side of the winter wheat statement that comparisons can readily be made.

State.	Acreage For 1919.	Per Cent. of 1918.	Expected Yield, Bushels.
ALA.	.....	.....	.....
ARIZ.	.....	.....	.....
ARK.	.....	.....	.....
CALIF.	.....	.....	.....
COLO.	324,000	104	6,776,000
CONN.	.....	.....	.....
DEL.	.....	.....	.....
FLA.	.....	.....	.....
GA.	.....	.....	.....
IDAHO.	645,000	118	1,555,400
ILL.	660,000	264	15,675,000
IND.	35,000	500	822,000
IOWA.	658,000	85	11,053,000
KAS.	28,000	90	365,000
KY.	.....	.....	.....
LA.	.....	.....	.....
MAINE.	18,000	78	459,000
MD.	.....	.....	.....
MASS.	.....	.....	.....
MICH.	66,000	170	1,275,000
MINN.	3,805,000	102	61,451,000
MISS.	.....	.....	.....
MO.	22,000	120	359,000
MONT.	1,518,000	110	23,908,000
NEB.	812,000	100	11,936,000
NEV.	38,000	102	1,173,000
N. H.	.....	.....	.....
N. J.	.....	.....	.....
N. M.	99,000	115	2,326,000
N. Y.	45,000	90	832,000
N. C.	.....	.....	.....
N. D.	7,304,000	94	86,406,000
OHIO.	30,000	200	670,000
OKLA.	.....	.....	.....
OREGON.	274,000	68	4,842,000
PENN.	.....	.....	.....
R. I.	.....	.....	.....
S. C.	.....	.....	.....
S. D.	3,796,000	104	48,648,000
TENN.	.....	.....	.....
TEXAS.	.....	.....	.....
UTAH.	168,000	105	4,166,000
VT.	14,000	78	359,000
VA.	.....	.....	.....
WASH.	1,611,000	90	30,714,000
W. VA.	.....	.....	.....
WIS.	445,000	128	8,691,000
WYO.	198,000	110	4,685,000
Total.	22,593,000	100	343,181,000

STOCKS OF HAY, MAY 1.

This table, issued in June, 1919, by the United States Department of Agriculture, shows the crop of the year before in tons and the amount on hand the following May.

Year.	Production Previous Year.	Per Cent. on Farms, May 1.	Tons on Farms, May 1.
1919.	90,443,000	9.4	8,493,000
1918.	98,439,000	11.7	11,476,000
1917.	110,992,000	11.4	12,659,000
1916.	107,263,000	13.5	14,452,000
1915.	88,686,000	12.2	10,797,000
1914.	79,179,000	12.2	9,631,000
1913.	90,734,000	14.9	13,523,000
1912.	67,071,000	8.5	5,732,000
1911.	82,529,000	12.4	10,222,000
1910.	87,216,000	11.5	10,053,000

In 1808 the Hereford bull Wellington was calved; bred by Benjamin Tompkins, Jr.; one of the famous sires of this breed; sold for \$1,400.

In 1807 Elkanah Watson, of Massachusetts, beginning with an exhibition of two Merino sheep on the public square at Pittsfield, Mass., soon developed an interest in live stock shows.

Charles Colling, breeder of Shorthorn cattle, exhibited a steer in England and Scotland in 1793 known as the "Durham ox," that weighed 3,024 pounds at six years old.

WINTER WHEAT, 1919.

The following statement shows the estimate by the Department of Agriculture of the acreage of winter wheat planted in the fall of 1918 to be harvested in the spring of 1919. The figures also show the per cent. of acreage as compared with the previous year. The right-hand column is the estimate of the crop as made by the Department in June, 1919, just before the harvest. Other estimates as the harvest progresses are generally made. It will be noticed that several states do not grow winter wheat.

State.	Acreage For 1919.	Per Cent. of 1918.	Expected Yield, Bushels.
ALA.	173,600	120	1,905,000
ARIZ.	42,000	95	1,159,000
CALIF.	356,000	137	4,378,000
COLO.	899,000	142	14,441,000
CONN.	626,000	107	12,652,000
DEL.	155,000	106	2,782,000
FLA.	.....	.....	.....
GA.	408,000	102	4,225,000
IDAHO.	331,000	105	8,286,000
ILL.	3,252,000	125	67,985,000
IND.	2,891,000	122	56,656,000
IOWA.	750,000	200	18,119,000
KAS.	11,184,000	113	191,647,000
KY.	1,057,000	111	14,707,000
LA.	.....	.....	.....
MAINE.	.....	.....	.....
MD.	816,000	106	14,961,000
MASS.	.....	.....	.....
MICH.	997,000	106	21,063,000
MINN.	74,000	87	1,486,000
MISS.	42,000	117	598,000
MO.	4,243,000	136	71,786,000
MONT.	705,000	91	11,441,000
NEB.	3,511,000	112	69,825,000
NEV.	5,000	101	132,000
N. H.	.....	.....	.....
N. J.	112,000	106	2,270,000
N. M.	182,000	130	3,979,000
N. Y.	477,000	106	11,035,000
N. C.	1,025,000	99	10,353,000
N. D.	.....	.....	.....
OHIO.	2,608,000	111	56,331,000
OKLA.	3,590,000	110	57,835,000
OREGON.	812,000	125	18,432,000
PENN.	1,652,000	108	34,713,000
R. I.	.....	.....	.....
S. C.	208,000	99	2,198,000
S. D.	108,000	80	1,957,000
TENN.	811,000	106	8,826,000
TEXAS.	2,109,000	130	35,357,000
UTAH.	172,000	104	2,841,000
VT.	.....	.....	.....
VA.	1,326,000	101	19,301,000
WASH.	992,000	235	27,061,000
W. VA.	373,000	105	5,788,000
WIS.	103,000	92	2,326,000
WYO.	84,000	96	2,005,000
Total.	49,261,000	116	892,822,000

FACTORY PRODUCTIONS.

The amounts of butter, cheese and condensed milk productions are official from the Dairy Division, Department of Agriculture:

Years.	Butter, Pounds.	Cheese, Pounds.	Condensed Milk, Pounds.
1909.	627,145,865	311,175,730	495,197,844
1914.	786,003,489	377,573,409	875,507,438
1916.	760,030,573	314,716,739	997,835,115
1917.	743,895,068	372,540,203	1,353,605,594
1918.	793,289,301	352,621,615	1,675,477,360

DUNLOP-AYRSHIRE CATTLE.

In the year 1794 a writer named Rawlin, in speaking of the cattle of Ayrshire, said; "They have another breed, called the Dunlop, which are allowed to be the best race for giving milk of any cows in Great Britain or Ireland, not only for large quantity, but for richness and quality." The Dunlops are a family of the Ayrshire breed of cattle.

In the year 1807 Mr. Basse Muller imported six Merino sheep at Philadelphia from the flock of the Prince of Hesse-Cassel.

In December, 1808, four of the best flocks of Merino sheep in Spain being confiscated by the Junta, were sold at Badajoz to buyers from the United States and England. This was after the second invasion of the French into Spain.

FLORISTS' ESTABLISHMENTS.

In the United States, according to the last census, we have a total of 7,444 distinct and complete flower-growing establishments, with an output value of \$250 or over, the average output value being \$4,630 and the total value \$34,467,440. In these establishments are 9,489,546 square feet of ground, covered by sashes and frames, and 105,165,730 square feet covered by greenhouses.

State.	Estab-lish-ments, Number.	Sashes, Square Feet.	Green-houses, Square Feet.
ALABAMA.....	31	28,175	435,400
ARIZONA.....	5	3,080	26,730
ARKANSAS.....	17	10,984	226,150
CALIFORNIA.....	347	614,709	4,422,423
COLORADO.....	73	96,399	1,244,425
CONNECTICUT.....	206	213,418	2,636,063
DELAWARE.....	27	11,740	233,087
DIST. OF COL.....	40	17,080	968,513
FLORIDA.....	29	143,597	568,190
GEORGIA.....	37	125,550	741,672
IDAHO.....	10	750	58,727
ILLINOIS.....	581	1,569,926	14,380,927
INDIANA.....	223	90,826	3,650,443
IOWA.....	129	312,337	1,870,845
KANSAS.....	90	53,077	728,421
KENTUCKY.....	100	86,179	1,276,823
LOUISIANA.....	54	86,762	260,711
MAINE.....	89	82,445	624,472
MARYLAND.....	156	124,516	2,051,068
MASSACHUSETTS.....	643	564,424	6,817,585
MICHIGAN.....	258	199,327	3,922,772
MINNESOTA.....	87	86,438	1,332,758
MISSISSIPPI.....	23	15,315	201,622
MISSOURI.....	185	267,083	2,545,138
MONTANA.....	17	19,915	289,024
NEBRASKA.....	46	53,705	790,305
NEVADA.....	1	4,600	4,600
N. HAMPSHIRE.....	57	32,465	719,848
NEW JERSEY.....	530	855,759	7,984,752
NEW MEXICO.....	8	27,302	59,752
NEW YORK.....	1,110	1,189,730	13,876,857
N. CAROLINA.....	32	16,286	176,653
N. DAKOTA.....	9	22,520	48,150
OHIO.....	572	490,586	7,091,976
OKLAHOMA.....	31	9,778	148,737
OREGON.....	72	44,336	672,207
PENNSYLVANIA.....	814	959,000	12,887,682
RHODE ISLAND.....	120	145,329	1,882,314
S. CAROLINA.....	12	8,076	66,242
S. DAKOTA.....	10	9,220	92,240
TENNESSEE.....	42	157,500	1,079,374
TEXAS.....	92	78,455	907,615
UTAH.....	25	12,012	249,280
VERMONT.....	28	15,860	162,339
VIRGINIA.....	72	97,782	1,315,388
WASHINGTON.....	28	283,556	1,257,616
W. VIRGINIA.....	22	24,535	272,182
WISCONSIN.....	160	131,452	1,875,858
WYOMING.....	3	1,450	31,584
Total.....	7,444	9,489,546	105,165,730

Grain Sorghums.

Herewith is an Agricultural Department memorandum relating to the production of grain sorghums, showing production of 1916 and estimate for 1917. The acreage planted in 1917 is 28.4 per cent. greater than in 1916 and the largest increase in acreage of 1916 is in Kansas.

	1915.	1916.	1917.	
	Production.	Production.	Planted Forecast.	
State.	Bushels.	Bushels.	Acres.	Bushels.
KAS.	35,100,000	12,000,000	1,850,000	29,230,000
OKL.	30,950,000	8,000,000	1,396,000	29,316,000
TEX.	40,000,000	24,000,000	1,284,000	26,964,000
COL.	1,650,000	700,000	88,000	1,813,000
N. M.	5,400,000	3,960,000	216,000	5,141,000
ARIZ.	1,360,000	1,680,000	60,000	2,052,000
Total	114,460,000	50,340,000	4,894,000	94,516,000

In 1805 Thomas J. Plunkett, of Kent, England, received a patent for a reaper having the cutting apparatus suspended beneath and in front of the axle and the power behind.

Mr. Livingston, of New York state, Minister to France, imported two pairs of Merino sheep in 1802.

SUMMARY OF NUT GROWING.

The nut-growing industry is far more important than it appears. Commercial nut growing was conducted on 135,268 farms when the last census was taken. Of those nut-growing farms 51,160 grew pecans, 53,145 had black walnuts, 21,859 farms produced English walnuts, and 8,214 produced almonds. California, Florida, Pennsylvania and Texas are the principal nut-growing states. The table presented herewith is ten years old. Keep it until you get the new census figures.

State.	1910.				Total Farms Re-ported.
	Pecans, Farms.	Black Wal-nuts.	English Wal-nuts.	Al-monds, Farms.	
ALA.....	5,834	1,025	1164	69	8,092
ARIZ.....	39	2	62	155	258
ARIZ.....	1,134	997	182	22	2,335
CALIF.....	294	242	7,357	6,319	14,212
COLO.....	31	31	7	36	78
CONN.....	3	253	.....	.....	256
DELL.....	14	260	.....	.....	284
FLA.....	4,614	218	327	29	5,188
GA.....	7,353	2,083	1,020	54	10,510
IDAHO.....	10	80	74	60	224
ILL.....	755	1,792	87	5	2,639
IND.....	280	920	.....	2	1,202
IOWA.....	17	3,945	1	2	3,965
KAS.....	466	1,874	.....	16	1,356
KY.....	197	921	106	2	1,226
LA.....	4,483	153	411	24	5,071
ME.....	.....	32	.....	1	33
MD.....	63	1,010	754	13	1,840
MASS.....	1	280	.....	3	284
MICH.....	6	2,429	.....	3	2,438
MINN.....	4	321	2	1	328
MISS.....	6,671	818	1,239	58	8,786
MO.....	1,060	2,886	86	15	4,045
MONT.....	.....	16	.....	1	17
NEB.....	1	1,553	.....	2	1,559
NEV.....	2	4	11	40	57
N. H.....	.....	163	.....	.....	163
N. J.....	12	1,072	170	3	1,257
N. M.....	69	31	123	14	237
N. Y.....	8	2,815	81	2	2,906
N. C.....	2,110	3,929	563	37	6,639
N. D.....	1	14	.....	.....	15
OHIO.....	21	945	71	.....	1,037
OKLA.....	1,296	470	252	47	2,065
ORE.....	94	261	4,309	505	5,160
PENN.....	130	13,754	68	10	13,962
R. I.....	1	8	1	.....	10
S. C.....	2,888	986	526	33	4,433
S. D.....	7	311	.....	1	309
TENN.....	395	1,289	96	7	1,787
TEX.....	10,519	280	704	207	11,710
UTAH.....	5	.....	53	113	121
VT.....	1	110	.....	.....	112
VA.....	240	2,586	371	6	3,203
WASH.....	35	104	1,611	293	1,893
W. VA.....	10	1,337	121	2	1,470
WIS.....	.....	333	.....	.....	333
WYO.....	.....	2	1	.....	3
Total.	51,160	53,145	21,859	8,214	135,268

EARLY CABBAGE ACREAGE.

The area planted to early cabbage in six Southern States is estimated to be 33,500 acres, as compared with 17,600 acres in 1916, an increase of about 90 per cent. This estimate is based upon reports to the Truck Crop Specialist of the Bureau of Crop Estimates from Virginia, South Carolina, Florida, Alabama, Mississippi and Texas, the principal early cabbage sections of the South. Detailed estimates by states follow:

State.	1915.	1916.	1917.
	Acres.	Acres.	Acres.
VIRGINIA.....	4,100	4,200	5,200
SOUTH CAROLINA.....	2,300	2,300	4,100
FLORIDA.....	3,400	4,500	9,300
ALABAMA.....	1,100	1,000	1,400
MISSISSIPPI.....	1,200	1,200	1,800
TEXAS.....	4,100	4,400	11,700
Total.....	16,200	17,600	33,500

In the year 1807 Mr. George Culley, of England, published a book entitled "Observations on Live Stock," in which it was stated that Alderney cows were kept by the Nobility for the rich milk which they gave to support the luxury of the tea table.

In 1808 Albert Gallatin mentions a cotton mill as being operated by water power at Petersburg, Va.

BLACK WALNUTS.

In the year 1909 black walnut trees of bearing age were grown upon 54,837 farms, and trees not of bearing age were grown upon 14,994 farms. The bearing trees numbered 786,210, and the young trees were 273,856. The total production in pounds was 15,628,776, and the total market value was \$244,479. The table herewith shows the details by states.

State.	Trees of Bearing Age.	Trees Not of Bearing Age.	Production, Pounds.	Value, Dollars.
ALA....	3,228	1,753	157,245	3,477
ARIZ....	5	26	514,223	7,795
ARK....	9,104	5,640	159,374	2,562
CALIF..	6,582	7,905	7,330	248
COLO..	3,311	416	45,304	1,856
CONN..	3,188	2,636	35,200	581
DEL....	890	554	42,573	766
FLA....	470	2,855	427,607	8,598
GA....	6,850	4,627	2,053	41
IDAHO..	502	1,847	530,730	7,411
ILL....	44,159	24,698	378,842	4,386
IND....	11,848	4,822	1,134,061	20,589
IA....	125,194	24,277	377,649	6,033
KAS....	113,537	8,619	793,970	11,284
KY....	14,521	2,360	54,624	970
LA....	616	655	1,600	50
ME....	231	63	274,936	2,997
MD....	5,375	1,522	40,064	1,219
MASS..	1,910	434	546,779	7,804
MICH..	16,105	3,520	65,074	1,490
MINN..	7,036	6,307	151,406	3,700
MISS..	2,914	2,391	2,446,402	24,526
MO....	85,330	15,199	381,968	8,740
MONT..	20	236	2,500	29
NEB....	78,296	36,526	13,330	375
NEV....	34	.....	151,828	2,766
N. H....	1,518	208	200	10
N. J....	4,168	804	465,918	11,485
N. M....	101	1,823	1,081,480	16,138
N. Y....	19,872	27,591	354,135	4,645
N. C....	19,570	9,180	94,659	1,591
N. D....	2	300	69,097	1,353
OHIO...	8,693	3,399	2,162,471	39,306
OKLA..	21,412	7,204	1,320	45
ORE...	2,024	3,405	185,252	3,672
PENN..	65,075	22,193	72,659	1,490
R. I....	25	.....	708,627	9,194
S. C....	3,662	2,258	55,446	995
S. D....	16,726	10,219	32,910	725
TENN..	18,225	3,536	600,141	9,723
TEX....	1,820	1,206	43,438	687
VT....	1,704	253	878,215	11,430
VA....	23,049	9,173	86,086	1,617
WASH..	1,427	601	.....	.....
W. VA..	32,495	9,682	.....	.....
WIS....	3,159	922	.....	.....
WYO....	17	11	.....	.....
Total.	786,210	273,856	15,628,776	244,479

THE LOSS IN SHEEP.

In the ten-year period from 1900 to 1910 sheep raising was abandoned on 155,155 farms in the United States. In Wisconsin alone sheep raising was abandoned on 17,021 farms. Pennsylvania discontinued sheep raising on 18,631 farms; North Carolina, 14,241; New York, 15,795; and the state of Alabama lost the sheep on 11,271 farms.

The following statement by the Census Bureau shows how many farms raising sheep were in the United States in the years 1900 and 1910. The census of 1920 will be interesting for the reason that an increase in sheep raising is expected to be shown.

State.	1900.	1910.	Gain.	Loss.
ALA.....	17,902	6,631	.....	11,271
ARIZ.....	602	621	19	.....
ARK.....	18,302	8,432	.....	9,870
CALIF....	3,016	3,893	277	.....
COLO....	1,255	1,794	539	.....
CONN....	1,258	741	.....	517
DEL....	466	266	.....	200
FLA....	864	660	.....	204
GA....	10,891	5,180	.....	5,711
IDAHO....	1,936	2,996	1,060	.....
ILL....	25,422	26,262	840	.....
IND....	48,046	38,191	.....	9,855
IOWA....	18,788	21,810	3,022	.....
KAS....	2,095	3,143	1,048	.....
KY....	50,835	45,707	.....	5,128
LA....	5,470	3,677	.....	2,063
MAINE....	18,361	11,060	.....	7,301
MD....	6,339	6,228	.....	111
MASS....	1,447	1,027	.....	420
MICH....	63,339	54,865	.....	8,474
MINN....	28,056	24,564	.....	3,492
MISS....	14,430	5,723	.....	8,707
MO....	38,013	44,010	5,997	.....
MONT....	1,481	2,269	788	.....
NEB....	2,761	3,043	279	.....
NEV....	253	316	61	.....
N. H....	4,202	2,236	.....	1,966
N. J....	1,561	875	.....	686
N. M....	2,504	1,848	.....	656
N. Y....	40,625	24,830	.....	15,795
N. C....	28,941	14,697	.....	14,244
N. D....	4,957	3,723	.....	1,234
OHIO....	73,636	71,523	.....	2,113
OKLA....	804	877	73	.....
OREGON..	6,696	6,394	.....	302
PENN....	44,057	25,426	.....	18,631
R. I....	333	242	.....	91
S. C....	3,921	1,732	.....	2,189
S. D....	6,392	5,155	.....	1,237
TENN....	37,905	29,978	.....	7,927
TEXAS...	6,416	6,929	513	.....
UTAH....	3,544	2,419	.....	1,125
VT....	8,533	5,033	.....	3,500
VA....	24,432	21,497	.....	3,235
WASH....	2,793	2,116	.....	577
W. VA....	30,266	26,014	.....	4,252
WIS....	47,061	30,040	.....	17,021
WYO....	1,076	1,670	594	.....
1900—Farms Reporting Sheep.....	.....	.....	763,518	.....
1910—Farms Reporting Sheep.....	.....	.....	608,363	.....
Decrease in Number of Farms Reporting Sheep.....	.....	.....	155,155	.....

WHEAT MOVEMENT BY GRADES.

Receipts and Shipments of Wheat at 92 Markets, From November 1, 1917, to July 14, 1918, by Grades.

Grade.	Receipts, Car-loads.	Per Cent. of Total.
No. 1.....	36,720	23.9
No. 2.....	54,540	35.5
No. 3.....	32,784	21.3
No. 4.....	13,983	9.1
No. 5.....	8,141	5.3
Sample grade.....	7,594	1.9
Total.....	153,762	100.0

AGRICULTURAL IMPLEMENTS.

In July of 1809 Col. Richard Peters proposed that the Philadelphia Society for the Promotion of Agriculture establish a manufactory of agricultural implements and a warehouse and repository for receiving and vending them. He stated that no manufactory of agricultural implements in general existed in the United States, although the demand was prodigiously great.

A MILKING SHORTHORN.

In the year 1807 it was reported that a Bates Shorthorn cow (Duchess) gave four teet quarts of milk twice a day on grass alone, making forty-two ounces (two pounds ten ounces) of butter per day.

WHEAT MOVEMENT BY VARIETIES.

Receipts of Wheat at 92 Markets, From November 1, 1917, to July 14, 1918, by Varieties, as Reported by the Bureau of Markets, United States Department of Agriculture.

Variety.	Receipts, Car-loads.	Per Cent. of Total.
Hard red spring.....	54,256	35.3
Common and red durum.....	8,974	5.8
Hard red winter.....	26,419	17.2
Soft red winter.....	29,300	19.1
Common white.....	12,219	7.9
White club.....	4,838	3.2
Mixed wheat.....	17,727	11.5
Total.....	153,762	100.0

Ice, now so much used in keeping meats and fruit, began to be exported in 1805, the pioneer being Frederick Tudor, of Boston. The first cargo of ice was sent to Martinique.

Dr. Thurston, first United States Commissioner of Patents, proposed that Fairs be held on market days at Washington, after the English fashion. The first Fair was held in October of 1804.

AREA OF STATES AND POPULATION.

This statement is from the last census, taken in the year 1910, and preparations are being made to take another in 1920. The features of the statement are important. People compare one state with another. The basis of all such calculations is the square mile. Texas is nearly equal in square miles to five states the size of Illinois. You can place thirty-one states like Connecticut in the state of California. Montana is the third largest state, Rhode Island, the smallest state, supports the largest number of people to the square mile. This table will be changed in a year, and when the new and the old stand side by side the facts will interest us all.

State.	Area, Square Miles.	Population, 1910.	Pop. Per Sq. Mile.
ALA.....	51,279	2,138,073	41.7
ARIZ.....	113,810	204,354	1.8
ARK.....	52,525	1,574,440	30.0
CALIF.....	155,652	2,377,549	15.3
COLO.....	103,658	799,024	7.7
CONN.....	4,820	1,114,756	231.3
DEL.....	1,965	202,322	103.0
FLA.....	54,861	752,619	13.7
GA.....	58,725	2,609,121	44.4
IDAHO.....	83,354	325,594	3.9
ILL.....	56,043	5,638,591	100.6
IND.....	36,045	2,700,876	74.9
IOWA.....	55,586	2,224,771	40.0
KAS.....	81,774	1,690,949	20.7
KY.....	40,181	2,289,905	57.0
LA.....	45,409	1,656,388	36.5
MAINE.....	29,895	742,371	24.8
MD.....	9,941	1,295,346	130.3
MASS.....	8,039	3,366,416	418.8
MICH.....	57,480	2,810,173	48.9
MINN.....	80,858	2,075,708	25.7
MISS.....	46,362	1,797,114	38.8
MO.....	68,727	3,293,355	47.9
MONT.....	146,201	376,053	2.6
NEB.....	76,808	1,192,214	15.5
NEV.....	109,821	81,875	0.7
N. H.....	9,031	430,572	47.7
N. J.....	7,514	2,537,167	337.7
N. M.....	122,053	927,301	7.7
N. Y.....	47,654	9,113,614	191.2
N. C.....	48,740	2,208,287	45.3
N. D.....	70,183	577,056	8.2
OHIO.....	40,740	4,767,121	117.0
OKLA.....	69,414	1,657,155	23.9
OREGON.....	95,607	672,705	7.0
PENN.....	44,832	7,665,111	171.0
R. I.....	1,067	532,610	508.5
S. C.....	30,495	1,515,400	49.7
S. D.....	76,808	583,888	7.6
TENN.....	41,687	2,184,789	52.4
TEXAS.....	262,398	3,896,542	14.8
UTAH.....	82,184	373,351	4.5
VT.....	9,124	355,956	39.0
VA.....	40,262	2,061,612	51.2
WASH.....	66,836	1,141,990	17.1
W. VA.....	24,022	1,221,119	50.8
WIS.....	55,256	2,333,860	42.2
WYO.....	97,594	145,965	1.5
U. S.....	2,973,890	91,972,266	30.9

FARMS AND POPULATION.

These figures are from the last census of 1910 and are the latest to be had. The addition at the bottom is an estimate and the total represents the present basis as estimated. The feature of this statement is that farm population and city population are placed side by side so that the states where agriculture predominates are shown at a glance. It will be noticed that in only thirteen states the city populations are larger than the farm populations.

State.	No of Farms in State.	Average Acres, 1910.	Farm Population, 1910.	City Population, 1910.
ALA.....	262,901	78.9	1,767,662	370,431
ARIZ.....	9,227	135.1	141,004	63,260
ARK.....	214,678	81.1	1,371,768	202,681
CALIF.....	88,197	316.7	907,810	1,469,739
COLO.....	46,170	293.1	394,184	404,840
CONN.....	26,815	81.5	114,917	999,839
DEL.....	10,836	95.9	105,237	97,085
D. C.....	217	27.9	1,000	330,069
FLA.....	50,016	105.0	533,539	219,080
GA.....	291,027	92.6	2,070,471	538,650
IDAHO.....	30,807	171.5	255,696	69,898
ILL.....	251,872	129.1	2,161,662	3,476,929
IND.....	215,485	98.8	1,557,041	1,143,835
IOWA.....	217,044	156.3	1,544,717	680,054
KAS.....	177,841	244.0	1,107,159	493,790
KY.....	259,185	85.6	1,734,463	555,442
LA.....	120,546	86.6	1,159,872	496,516
MAINE.....	60,016	104.3	360,928	381,133
MD.....	48,923	103.4	637,154	558,102
MASS.....	36,917	77.9	241,049	3,125,367
MICH.....	206,960	91.5	1,483,129	1,327,044
MINN.....	156,137	177.3	1,225,414	850,294
MISS.....	274,382	67.6	1,589,803	207,311
MO.....	277,244	124.8	1,894,518	1,398,817
MONT.....	26,214	516.7	242,633	133,420
NEB.....	129,678	297.8	881,362	310,852
NEV.....	2,689	1,009.6	68,508	13,367
N. H.....	27,953	120.1	175,473	255,099
N. J.....	33,487	76.9	629,957	1,907,210
N. M.....	35,676	315.9	280,730	46,571
N. Y.....	215,597	102.2	1,928,120	7,185,494
N. C.....	253,725	88.4	1,887,813	318,474
N. D.....	74,360	382.3	513,820	63,236
OHIO.....	372,045	88.6	2,101,978	2,665,143
OKLA.....	190,192	151.7	1,337,000	320,155
OREGON.....	45,502	256.8	365,705	307,060
PENN.....	219,295	84.8	3,034,444	4,630,669
R. I.....	5,292	83.8	17,956	524,651
S. C.....	176,434	76.6	1,290,568	224,832
S. D.....	77,644	335.1	507,215	76,673
TENN.....	246,012	81.5	1,743,744	441,045
TEXAS.....	417,770	269.1	2,958,438	938,104
UTAH.....	21,676	156.7	200,417	172,931
VT.....	32,709	142.6	187,013	168,943
VA.....	184,018	105.9	1,585,083	476,529
WASH.....	56,192	208.4	536,460	605,530
W. VA.....	96,685	103.7	992,877	228,242
WIS.....	177,127	119.0	1,329,540	1,004,320
WYO.....	10,987	777.6	102,744	43,221
Total.....	6,361,502	138.1	49,348,883	42,623,383
Add.....	636,150	.....	4,934,888	4,262,338
Total.....	6,997,652	.....	54,283,771	46,885,721

FARMS IN THE UNITED STATES.

According to the last census the following is a brief summary of the number and size of all the farms in the United States. The average size is 138.1 acres, of which an average of 55.2 acres are improved and 62.9 acres are unimproved:

Number.	Extent.
18,033.....	Under 3 acres.
317,010.....	3 to 9 acres.
504,123.....	10 to 19 acres.
1,414,376.....	20 to 49 acres.
1,438,069.....	50 to 99 acres.
1,516,286.....	100 to 174 acres.
534,191.....	175 to 259 acres.
443,984.....	260 to 499 acres.
125,295.....	500 to 999 acres.
50,135.....	1,000 acres and over.

6,361,502 Farms in United States, 1910.

DEVELOPMENT OF AGRICULTURE.

The following tabulated statement is for the purpose of placing before us in a simple manner the United States government estimate of values on the farm of the crops and live stock produced in the United States from 1879 to 1918. It also estimates the

proportionate value of the crops and the value of live stock:

Year.	Total Value.	Per Cent. Crops.	Value Stock.
1879.....	2,212,541,000	63.1	36.9
1889.....	2,460,107,000	63.5	36.5
1897.....	3,960,822,000	63.6	36.4
1898.....	4,338,946,000	63.6	36.4
1899.....	4,717,070,000	63.6	36.4
1900.....	5,009,595,000	63.7	36.3
1901.....	5,302,120,000	63.8	36.2
1902.....	5,594,645,000	64.0	36.0
1903.....	5,887,170,000	64.1	35.9
1904.....	6,121,778,000	65.0	35.0
1905.....	6,273,997,000	64.0	36.0
1906.....	6,751,210,000	63.0	37.0
1907.....	7,487,989,000	63.6	36.4
1908.....	7,890,626,000	64.6	35.4
1909.....	8,498,311,000	64.6	35.4
1910.....	9,037,391,000	60.7	39.3
1911.....	8,819,175,000	63.1	36.9
1912.....	9,342,700,000	62.5	37.5
1913.....	9,849,513,000	62.3	37.7
1914.....	9,894,961,000	61.8	38.2
1915.....	10,775,490,000	64.1	35.9
1916.....	13,406,564,011	67.5	32.5
1917.....	21,386,000,000	66.5	33.5
1918.....	19,331,000,000	60.7	39.3

CROP SUMMARY OF U. S.

Statement of Acreage and Yield of Principal Crops For Four Years and a Five-Year Average.

This is simply a brief tabulation which is comprehensive. It gives the U. S. totals, and the state tables on different pages will be found the crops of the different states.

THE CORN CROP.

Year.	Extent, Acres.	Acre, Bushels.	Production, Bushels.
1910.	104,035,000	27.7	2,886,260,000
1911.	105,825,000	23.9	2,531,488,000
1912.	107,083,000	29.2	3,124,746,000
1913.	105,820,000	23.1	2,446,988,000
1914.	103,435,000	25.8	2,672,894,000
1915.	106,197,000	28.2	3,054,535,000
1916.	105,296,000	24.4	2,583,241,000
1917.	119,755,000	26.4	3,159,494,000
1918.	107,494,000	24.0	2,582,814,000

THE WINTER WHEAT CROP.

1914.	36,008,000	19.0	684,999,000
1915.	41,308,000	16.2	673,947,000
1916.	34,709,000	13.8	480,553,000
1917.	27,430,000	15.2	418,070,000
1918.	36,704,000	15.2	558,449,000

THE SPRING WHEAT CROP.

1914.	17,533,000	11.8	206,027,000
1915.	19,161,000	18.3	356,460,000
1916.	17,607,000	8.8	158,142,000
1917.	18,511,000	12.6	232,758,000
1918.	22,406,000	16.0	358,651,000

TOTAL WHEAT CROP.

1910.	45,681,000	13.9	635,121,000
1911.	49,543,000	12.5	621,338,000
1912.	45,814,000	15.9	730,267,000
1913.	50,184,000	15.2	763,380,000
1914.	53,541,000	16.6	891,017,000
1915.	60,469,000	16.9	1,025,801,000
1916.	52,316,000	12.1	636,318,000
1917.	45,941,000	14.2	650,828,000
1918.	59,110,000	15.5	917,100,000

THE OATS CROP.

1910.	37,548,000	31.6	1,186,341,000
1911.	37,763,000	24.2	922,298,000
1912.	37,917,000	37.4	1,418,337,000
1913.	38,399,000	29.2	1,121,768,000
1914.	38,442,000	29.7	1,141,060,000
1915.	40,996,000	37.8	1,549,030,000
1916.	41,527,000	30.1	1,251,837,000
1917.	43,572,000	36.4	1,587,286,000
1918.	44,400,000	34.6	1,538,359,000

THE BARLEY CROP.

1910.	7,743,000	22.5	173,832,000
1911.	7,627,000	21.0	160,240,000
1912.	7,530,000	29.7	223,824,000
1913.	7,499,000	23.8	178,189,000
1914.	7,565,000	25.8	194,953,000
1915.	7,148,000	32.0	228,851,000
1916.	7,757,000	23.6	182,309,000
1917.	8,835,000	23.7	208,975,000
1918.	9,679,000	26.5	256,375,000

THE RYE CROP.

1910.	2,185,000	16.0	34,897,000
1911.	2,127,000	15.6	33,119,000
1912.	2,117,000	16.8	35,664,000
1913.	2,557,000	16.2	41,381,000
1914.	2,541,000	16.8	42,779,000
1915.	3,129,000	17.2	54,050,000
1916.	3,213,000	15.3	48,802,000
1917.	4,102,000	14.7	60,145,000
1918.	6,185,000	14.4	89,103,000

THE BUCKWHEAT CROP.

1910.	860,000	20.5	17,598,000
1911.	833,000	21.1	17,549,000
1912.	841,000	22.9	19,249,000
1913.	805,000	17.2	13,833,000
1914.	792,000	21.3	16,881,000
1915.	769,000	19.6	15,769,000
1916.	828,000	14.0	11,840,000
1917.	1,006,000	17.4	17,460,000
1918.	1,040,000	16.5	17,182,000

THE FLAXSEED CROP.

1910.	2,467,000	5.2	12,718,000
1911.	2,757,000	7.0	19,370,000
1912.	2,851,000	9.8	28,073,000
1913.	2,291,000	7.8	17,853,000
1914.	1,645,000	8.4	13,749,000
1915.	1,387,000	10.1	13,845,000
1916.	1,474,000	9.6	15,459,000
1917.	1,809,000	4.7	8,473,000
1918.	1,938,000	7.6	14,657,000

THE RICE CROP.

1910.	733,000	33.9	24,510,000
1911.	696,000	32.9	22,934,000
1912.	723,000	34.7	25,054,000
1913.	827,000	31.1	24,744,000
1914.	694,000	34.1	23,649,000
1915.	803,000	36.1	28,947,000
1916.	869,000	47.8	41,982,000
1917.	964,100	37.6	36,278,000
1918.	1,112,770	36.3	40,424,000

THE WHITE POTATO CROP.

1910.	3,720,000	93.8	349,032,000
1911.	3,619,000	80.9	292,737,000
1912.	3,711,000	113.4	420,647,000
1913.	3,668,000	90.4	331,525,000
1914.	3,711,000	110.5	409,921,000
1915.	3,734,000	95.5	359,103,000
1916.	3,565,000	80.4	285,437,000
1917.	4,390,000	100.8	442,536,000
1918.	4,210,000	95.0	400,106,000

THE SWEET POTATO CROP.

1910.	641,000	93.5	59,938,000
1911.	605,000	90.1	54,538,000
1912.	583,000	95.2	55,479,000
1913.	625,000	94.5	59,057,000
1914.	603,000	93.8	56,574,000
1915.	731,000	103.3	74,395,000
1916.	774,000	91.7	70,955,000
1917.	953,000	91.4	87,141,000
1918.	922,000	93.6	86,334,000

TAME HAY CROP—TONS.

1910.	51,015,000	1.36	69,370,000
1911.	48,240,000	1.14	54,916,000
1912.	49,530,000	1.47	72,691,000
1913.	48,954,000	1.31	64,116,000
1914.	49,145,000	1.43	70,071,000
1916.	55,721,000	1.64	89,991,000
1917.	53,516,000	1.49	79,528,000
1918.	55,971,000	1.35	75,459,000

WILD HAY CROP—TONS.

1915.	16,796,000	1.27	21,343,000
1916.	16,635,000	1.19	19,795,000
1917.	16,472,000	.94	15,402,000
1918.	15,283,000	.94	14,374,000

ALL KINDS OF HAY—TONS.

1914.	65,897,000		88,686,000
1915.	67,904,000		107,263,000
1916.	72,356,000		110,992,000
1917.	69,988,000		94,930,000
1918.	69,249,000		86,254,000
1918.	71,254,000		89,833,000

THE TOBACCO CROP—POUNDS.

1910.	1,336,000	807	1,103,415,000
1911.	1,013,000	893	905,109,000
1912.	1,226,000	785	962,885,000
1913.	1,216,000	784	953,734,000
1914.	1,224,000	845	1,034,679,000
1915.	1,370,000	775	1,060,587,000
1916.	1,413,800	815	1,150,622,000
1917.	1,447,000	827	1,196,451,000
1918.	1,549,000	865	1,340,019,000

THE COTTON CROP—BALES.

1910.	32,403,000	170.7	11,609,000
1911.	36,045,000	207.7	15,693,000
1912.	34,283,000	190.9	13,703,000
1913.	37,089,000	182.0	14,116,000
1914.	36,832,000	209.2	16,135,000
1915.	31,412,000	172.5	11,161,000
1916.	34,985,000	156.3	11,511,000
1917.	33,841,000	155.7	11,302,000
1918.	35,890,000	155.9	11,700,000

THE SUGAR BEET CROP—TONS.

1914.	483,400	11.6	5,585,000
1915.	611,000	10.4	6,462,000
1916.	665,308	9.3	6,228,000
1917.	665,400	9.2	5,980,000
1918.	592,100	9.8	5,822,600

CROP OF EDIBLE BEANS—Bushels.

1914.	875,000	13.2	11,585,000
1915.	928,000	11.1	10,321,000
1916.	1,107,000	9.7	10,715,000
1917.	1,832,000	8.6	15,701,000
1918.	1,754,000	10.1	17,733,000

GRAIN SORGHUMS—BUSHEL.

[Six States.]

1915.	4,153,000	27.6	114,460,000
1916.	3,812,000	13.2	50,340,000
1917.	5,153,000	11.9	61,409,000
1918.	5,619,000	11.8	66,396,000

THE CROP OF ONIONS—BUSHEL.

[Fourteen States.]

1915.	27,579	278	7,663,712
1916.	28,400	275	7,832,000
1917.	39,500	328	12,308,000
1918.	35,830	375	13,438,000

THE CROP OF CABBAGE—TONS.

[Nine States.]

1915.	69,420	9.7	670,631
1916.	40,080	6.2	246,988
1917.	58,950	7.5	475,300
1918.	61,700	9.2	565,200

THE YIELD OF HOPS—POUNDS.

[Four States.]

1915.	44,653	1.187	52,986,000
1916.	43,900	1.152	50,597,000
1917.	29,900	.929	27,788,000
1918.	27,900	.723	20,193,000

PRODUCTION OF CRANBERRIES—THREE STATES—BARRELS.

1915.	23,100	19.1	441,000
1916.	23,600	17.6	415,000
1917.	18,190	13.7	249,000
1918.	27,200	12.9	350,100

THE CROP OF APPLES—BUSHEL.

1914.....	253,200,000
1915.....	230,011,000
1916.....	204,582,000
1917.....	163,117,000
1918.....	173,632,000

YIELD OF PEACHES—BUSHEL.

1914.....	54,100,000
1915.....	64,097,000
1916.....	37,505,000
1917.....	45,066,000
1918.....	40,185,000

THE CROP OF PEARS—BUSHEL.

1914.....	12,086,000
1915.....	11,216,000
1916.....	11,874,000
1917.....	13,281,000
1918.....	10,342,000

THE CROP OF ORANGES.

[Only Two States.]

1915.....	21,200,000
1916.....	23,835,000
1917.....	10,593,000
1918.....	19,587,000

THE CROP OF SORGHUM SYRUP—GALLONS.

1916...	157,000	87.3	13,668,000
1917...	415,200	90.3	37,472,000
1918...	372,600	78.4	29,224,000

CROP OF PEANUTS—BUSHEL.

1916..	1,076,350	32.8	35,325,500
1917..	1,842,000	28.5	52,505,000
1918..	2,291,000	24.3	55,597,000

CROP OF BROOM CORN—TONS—**FIVE STATES.**

1916..	229,000	....	37,855
1917..	345,000	....	57,400
1918.	333,000	....	58,000

CROP OF CLOVER SEED — BUSHEL.

1916..	939,000	1.8	1,706,000
1917..	756,000	1.8	1,356,000
1918..	819,000	1.7	1,383,000

Increase in Number of Farms.

Year.	No. of Farms.	Acreage.
1850.....	1,449,073	202.6
1860.....	2,044,077	199.2
1870.....	2,659,985	153.3
1880.....	4,008,907	133.7
1890.....	4,564,641	136.5
1900.....	5,737,372	146.2
1910.....	6,361,502	138.1
1918, estimated.	7,250,000	134.0

Spring Wheat, 1916 and 1917.

This statement represents the statistics of the very poor crop of spring wheat of 1916, followed by the estimate of the modern crop being harvested in 1917. The condition of 1917 was very ordinary, notwithstanding the great efforts made to increase production.

State.	1916.		1917.	
	Bush-els, Acre.	Production, Bushels.	Bush-els, Acre.	Estimate, Bushels.
ALA.....				
ARIZ.....				
ARK.....				
CALIF.....				
COLO.....	19.5	4,485,000	22.0	5,808,000
CONN.....				
DEL.....				
FLA.....				
GA.....				
IDAHO.....	23.5	6,815,000	22.0	8,250,000
ILL.....				
IND.....				
IOWA.....	13.0	4,160,000	21.5	5,375,000
KAS.....	10.5	462,000	6.0	264,000
KY.....				
LA.....				
MAINE.....	27.0	135,000	14.0	154,000
MD.....				
MASS.....				
MICH.....				
MINN.....	7.3	26,645,000	17.5	56,525,000
MISS.....				
MO.....				
MONT.....	18.0	16,830,000	9.0	10,098,000
NEB.....	12.5	3,750,000	16.5	6,600,000
NEV.....	31.5	1,162,000	28.0	1,036,000
N. H.....				
N. J.....				
N. M.....	21.5	1,032,000	18.0	1,242,000
N. Y.....				
N. C.....				
N. D.....	5.5	39,325,000	8.0	56,000,000
OHIO.....				
OKLA.....				
OREGON.....	23.0	6,210,000	11.0	4,411,000
PENN.....				
R. I.....				
S. C.....				
S. D.....	6.3	22,050,000		
TENN.....			14.0	50,344,000
TEXAS.....				
UTAH.....	25.0	1,900,000	27.0	2,430,000
VT.....	25.0	25,000	20.0	60,000
VA.....				
WASH.....	21.5	19,350,000	13.6	18,360,000
W. VA.....				
WIS.....	16.6	1,776,000	21.2	3,095,000
WYO.....	22.0	2,090,000	22.0	2,766,000
U. S.....	8.8	158,142,000	12.6	232,758,000
Latest.....	8.8	155,765,000	12.5	223,754,000

BEANS—DRY EDIBLE—1917.

The following table represents the December estimate of the crop for 1917. It is the largest acreage and crop on record:

State.	Planted, Acres.	Yield, Per Acre.	Production, Bushels.
ME.....	33,000	10.0	330,000
N. H.....	10,000	10.0	100,000
VT.....	10,000	10.0	100,000
MASS.....	4,000	10.0	40,000
N. Y.....	210,000	7.5	1,575,000
N. J.....	8,000	10.0	80,000
PENN.....	13,000	8.0	104,000
W. VA.....	18,000	8.0	144,000
OHIO.....	7,000	5.0	35,000
IND.....	5,000	12.0	60,000
MICH.....	639,000	5.5	3,515,000
WIS.....	35,000	7.5	262,000
IOWA.....	7,000	6.0	42,000
MO.....	9,200	10.0	92,000
TENN.....	10,000	6.0	60,000
COLO.....	193,000	7.6	1,467,000
N. M.....	213,000	4.5	958,000
ARIZ.....	19,000	8.0	152,000
WASH.....	16,000	8.0	128,000
CALIF.....	553,000	14.4	8,035,000
ALL OTHER.....	100,000	8.5	850,000
U. S.....	2,117,200	8.6	15,701,000
Six States.....	1,821,000	7.8	16,045,000

SPRING WHEAT CROP OF 1918.

The spring wheat acreage for 1918 exhibited an increase over former records, which was greatly desired, and resulted in the largest crop on record. This, however, was offset by the winter wheat record, which placed total wheat second to 1915, the year of the record crop.

State.	Acreage, 1917.	Acreage, 1918.	Est. Bushels, 1918.
ALA.....			
ARIZ.....			
ARK.....			
CALIF.....			
CONN.....			
COLO.....	264,000	312,000	6,240,000
DEL.....			
FLA.....			
GA.....			
IDAHO.....	345,000	469,000	9,849,000
ILL.....		180,000	4,842,000
IND.....		7,000	161,000
IOWA.....	339,000	650,000	11,700,000
KAS.....	48,000	51,000	408,000
KY.....			
LA.....			
MAINE.....	11,000	23,000	575,000
MD.....			
MASS.....		10,000	
MICH.....		35,000	672,000
MINN.....	3,832,000	4,038,000	84,798,000
MISS.....			
MO.....			
MONT.....	1,122,000	1,380,000	17,250,000
NEB.....	450,000	512,000	6,400,000
NEV.....	37,000	39,000	975,000
N. H.....			
N. J.....			
N. M.....	55,000	79,000	1,886,000
N. Y.....		50,000	1,065,000
N. C.....			
N. D.....	7,150,000	7,630,000	99,190,000
OHIO.....		15,000	322,000
OKLA.....			
OREGON.....	351,000	441,000	4,851,000
PENN.....			
R. I.....			
S. C.....			
S. D.....	3,325,000	2,243,000	80,617,000
TEXAS.....			
UTAH.....	91,000	104,000	2,756,000
VT.....	3,000	10,000	220,000
VA.....			
WASH.....	1,350,000	1,728,000	16,416,000
W. VA.....			
WIS.....	142,000	335,000	7,992,000
WYO.....	124,000	160,000	400,000
U. S.....	19,039,000	22,489,000	363,195,000

BROOM CORN CROP, 1916-18.

State.	1916. Tons.	1917. Tons.	1918. Tons.
ILLINOIS.....	6,681	8,250	9,500
KANSAS.....	5,943	12,000	13,500
TEXAS.....	847	688	14,500
OKLAHOMA.....	22,420	26,250	26,000
COLORADO.....	2,835	4,650	7,000

Total Above.....	38,726	51,838	70,500
Latest.....	38,726	57,400	58,000

BROOM CORN—1918.

The early estimate for broom corn was very much larger than earlier in the season. The crop is practically limited to five states, of which Oklahoma is the most important.

State.	Planted, Acres.	Per Cent. of 1917.	Production, Tons.	Price Per Ton.
ILL.....	31,000	103	8,500	\$468.00
KAS.....	63,000	105	9,300	275.00
TEXAS.....	50,000		13,000	267.00
OKLA.....	140,000	80	16,100	260.00
COLO.....	30,000	100	52,100	175.00
Total.....	314,000	105	52,100	\$300.28
Latest.....	333,000	105	58,000	\$234.00

In 1797 the Trustees of Massachusetts Agricultural Society commenced issuing tracts or bulletins.

In 1807 Martyn's edition of Miller's "Gardeners' Dictionary" enumerated 124 orchids. The orchids now number about 10,000 species.

Final Corn Estimate, 1917.

This is the United States government final corn production estimate of 1917. It will be noticed that Illinois produced the largest amount of corn, with Iowa a close second. The largest yield per acre is in Connecticut, but the acreage is small:

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.....	4,825,000	16.0	77,200,000
ARIZ.....	32,000	27.0	864,000
ARK.....	2,800,000	24.0	67,200,000
CALIF.....	75,000	32.0	2,400,000
COLO.....	532,000	20.0	10,640,000
CONN.....	95,000	51.0	4,845,000
DEL.....	230,000	34.0	7,820,000
FLA.....	925,000	15.0	13,875,000
GA.....	4,500,000	16.0	72,000,000
IDA.....	22,000	31.0	682,000
ILL.....	11,000,000	38.0	418,000,000
IND.....	5,651,000	36.0	203,436,000
IOWA.....	11,100,000	37.0	410,700,000
KAS.....	9,156,000	14.0	128,184,000
KY.....	3,900,000	31.5	122,850,000
LA.....	2,347,000	18.0	42,246,000
ME.....	20,000	39.0	780,000
MD.....	720,000	39.0	28,080,000
MASS.....	61,000	46.0	2,806,000
MICH.....	1,750,000	21.5	37,625,000
MINN.....	3,000,000	30.0	90,000,000
MISS.....	4,100,000	20.5	84,050,000
MO.....	7,200,000	35.0	252,000,000
MONT.....	81,000	12.5	1,012,000
NEB.....	9,240,000	27.0	249,480,000
NEV.....	2,000	30.0	60,000
N. H.....	26,000	42.0	1,092,000
N. J.....	297,000	43.0	12,771,000
N. M.....	170,000	20.0	3,400,000
N. Y.....	840,000	31.0	26,040,000
N. C.....	3,000,000	20.0	60,000,000
N. D.....	590,000	9.0	5,310,000
OHIO.....	3,950,000	38.0	150,100,000
OKLA.....	3,900,000	8.5	33,150,000
ORE.....	42,000	30.0	1,260,000
PENN.....	1,575,000	39.5	62,212,000
R. I.....	13,000	42.0	546,000
S. C.....	2,313,000	19.0	43,947,000
S. D.....	3,350,000	29.0	97,150,000
TENN.....	3,900,000	28.5	111,150,000
TEXAS.....	7,075,000	11.0	77,825,000
UTAH.....	20,000	25.0	500,000
VT.....	54,000	47.0	2,538,000
VA.....	2,450,000	29.5	72,275,000
WASH.....	41,000	37.0	1,517,000
W. VA.....	834,000	30.0	25,020,000
WIS.....	1,918,000	22.0	42,196,000
WYO.....	33,000	20.0	660,000
U. S.....	119,755,000	26.4	3,159,494,000
Latest.....	116,730,000	26.3	3,065,233,000

Corn on Farms.

Every year, March 1st, the grain on farms is reported. These figures are valuable, as they are comparative.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
PENN.....	21,762,000	21,652,000	16,965,000
VA.....	15,358,000	31,492,000	27,446,000
N. C.....	27,624,000	29,232,000	21,996,000
GA.....	29,120,000	32,475,000	30,380,000
OHIO.....	45,669,000	61,420,000	32,413,000
IND.....	58,794,000	76,380,000	54,144,000
ILL.....	99,011,000	142,272,000	88,972,000
MICH.....	19,530,000	15,680,000	9,075,000
WIS.....	18,863,000	4,899,000	10,343,000
MINN.....	26,390,000	9,016,000	18,572,000
IOWA.....	140,193,000	86,565,000	110,048,000
MO.....	38,016,000	70,948,000	31,707,000
S. D.....	23,400,000	28,275,000	21,019,000
NEB.....	71,320,000	87,330,000	73,112,000
KAS.....	24,221,000	70,540,000	13,205,000
KY.....	34,675,000	44,100,000	36,176,000
TENN.....	32,964,000	42,849,000	32,110,000
ALA.....	26,634,000	33,150,000	17,275,000
MISS.....	25,641,000	32,376,000	15,708,000
LA.....	13,124,000	17,589,000	17,029,000
TEXAS.....	28,704,000	50,055,000	35,397,000
OKLA.....	10,000,000	33,630,000	10,665,000
ARK.....	11,340,000	26,082,000	13,992,000
U. S.....	910,894,000	1,116,559,000	789,416,000

CORN CROP OF 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, estimating acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.....	4,636,000	14.6	67,686,000
ARIZ.....	34,000	28.0	952,000
ARK.....	2,700,000	13.0	35,100,000
CALIF.....	85,000	35.0	2,975,000
COLO.....	527,000	21.0	11,067,000
CONN.....	56,000	50.0	2,800,000
DEL.....	235,000	31.0	7,285,000
FLA.....	880,000	16.0	14,080,000
GA.....	4,590,000	15.0	68,850,000
IDAHO.....	23,000	40.0	920,000
ILL.....	9,900,000	35.5	351,450,000
IND.....	5,138,000	33.0	169,554,000
IOWA.....	10,431,000	36.0	375,624,000
KAS.....	6,130,000	7.1	43,523,000
KY.....	3,600,000	26.0	93,600,000
LA.....	1,850,000	16.0	29,600,000
MAINE.....	27,000	45.0	1,215,000
MD.....	686,000	35.0	24,010,000
MASS.....	40,000	52.0	2,080,000
MICH.....	1,610,000	30.0	48,300,000
MINN.....	2,750,000	40.0	110,000,000
MISS.....	3,900,000	17.0	66,300,000
MO.....	6,693,000	20.0	133,800,000
MONT.....	100,000	21.0	2,100,000
NEB.....	6,954,000	17.7	123,086,000
NEV.....	2,000	32.0	64,000
N. H.....	28,000	45.0	1,260,000
N. J.....	279,000	41.0	11,439,000
N. M.....	170,000	25.0	4,250,000
N. Y.....	820,000	36.0	29,520,000
N. C.....	3,065,000	21.0	64,365,000
N. D.....	484,000	19.0	9,196,000
OHIO.....	3,700,000	36.0	133,200,000
OKLA.....	3,250,000	7.5	24,375,000
OREGON.....	44,000	31.0	1,364,000
PENN.....	1,560,000	40.0	62,400,000
R. I.....	13,000	44.0	572,000
S. C.....	2,250,000	17.0	38,250,000
S. D.....	3,182,000	34.0	104,188,000
TENN.....	3,500,000	24.0	84,000,000
TEXAS.....	6,900,000	10.0	69,000,000
UTAH.....	24,000	28.0	672,000
VT.....	45,000	38.0	1,710,000
VA.....	2,000,000	28.0	56,000,000
WASH.....	43,000	38.0	1,634,000
W. VA.....	800,000	31.0	24,800,000
WIS.....	1,717,000	40.5	69,538,000
WYO.....	40,000	25.0	1,000,000
U. S.....	107,494,000	24.0	2,582,814,000

WHAT BECOMES OF THE CORN CROP.

The following represents the United States Department of Agriculture idea of the disposition of the corn crop:

	Consumption on Farms.	Per Cent. of Entire Crop.
Horses and Mules.....	728,000,000	27.0
Swine.....	724,000,000	26.8
Cattle (other than Milch.).....	254,000,000	9.4
Milch Cows.....	231,000,000	8.6
Poultry.....	97,000,000	3.6
Human Beings.....	92,000,000	3.4
Sheep.....	60,000,000	2.2
Seed.....	23,000,000	.8
Other, or doubtful.....	103,000,000	3.8
Total.....	2,312,000,000	85.6
	City Disposition.	Per Cent. of Total Crop.
Used in Flour Mills.....	245,000,000	9.1
Glucose and Starch.....	40,000,000	1.5
Manufacture of Distilled Liquors.....	21,000,000	.8
Manufacture of Malt Liquors.....	14,000,000	.5
Used for Feed in Towns.....	120,000,000	4.4
Exported.....	45,000,000	1.7
Balance indefinite.....	28,000,000	1.0
Total.....	513,000,000	19.0

The double white Banksian rose was introduced into England from China and named in honor of Lady Banks in 1807.

Eli Whitney's cotton gin invented in 1793, the greatest stimulus to cotton production in this country.

Oats Crop—Final, 1917.

The oats crop of 1917 was estimated in December to be the largest ever grown. The state of Iowa produced the largest number of bushels; the state of Illinois raised a few bushels less than Iowa. Illinois produced an average of fifty-two bushels to the acre, against forty-seven bushels an acre in Iowa:

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.	540,000	18.0	9,720,000
ARIZ.	10,000	40.0	400,000
ARK.	340,000	28.0	9,520,000
CALIF.	196,000	35.0	6,860,000
COLO.	293,000	38.0	11,134,000
CONN.	20,000	33.0	660,000
DEL.	4,000	32.0	128,000
FLA.	55,000	14.0	770,000
GA.	650,000	16.0	10,400,000
IDA.	275,000	38.0	10,450,000
ILL.	1,320,000	52.0	244,400,000
IND.	1,870,000	42.0	76,440,000
IOWA.	2,250,000	47.0	246,750,000
KAS.	2,284,000	31.0	76,804,000
KY.	310,000	26.0	8,060,000
LA.	84,000	22.3	1,873,000
ME.	170,000	29.0	4,930,000
MD.	47,000	34.0	1,457,000
MASS.	12,000	37.0	444,000
MICH.	1,550,000	36.5	56,575,000
MINN.	3,250,000	37.0	120,250,000
MISS.	300,000	19.0	5,700,000
MO.	1,480,000	40.0	59,200,000
MONT.	680,000	20.0	13,600,000
NEB.	3,038,000	38.0	115,444,000
NEV.	14,000	40.0	560,000
N. H.	14,000	38.0	532,000
N. J.	73,000	34.0	2,482,000
N. M.	45,000	30.0	1,350,000
N. Y.	1,275,000	35.0	44,625,000
N. D.	340,000	17.0	5,780,000
N. C.	2,375,000	15.0	38,625,000
OHIO.	1,775,000	44.0	78,100,000
OKLA.	1,150,000	23.0	26,450,000
ORE.	365,000	25.0	9,125,000
PENN.	1,175,000	35.0	41,125,000
R. I.	2,000	31.0	62,000
S. C.	400,000	15.0	6,000,000
S. D.	1,925,000	34.0	65,450,000
TENN.	300,000	24.5	7,350,000
TEXAS.	1,425,000	26.0	37,050,000
UTAH.	100,000	44.0	4,400,000
VT.	88,000	36.0	3,168,000
VA.	225,000	24.5	5,512,000
WASH.	292,000	38.5	11,242,000
W. VA.	143,000	27.0	3,861,000
WIS.	2,250,000	44.0	99,000,000
WYO.	263,000	36.0	9,468,000
U. S.	43,572,000	36.4	1,587,286,000
Latest.	43,353,000	36.6	1,592,740,000

Tobacco Crop—1917.

State.	Planted Acres.	Yield Per Acre.	Production, Pounds.
ALA.	200	730	146,000
ARK.	300	700	210,000
CONN.	21,000	1,400	29,540,000
FLA.	3,100	1,100	3,410,000
GA.	1,600	1,000	1,600,000
ILL.	700	800	560,000
IND.	14,800	950	14,060,000
KY.	474,000	900	426,600,000
MD.	28,600	790	22,594,000
MA.	600	350	210,000
MASS.	8,400	1,400	11,835,000
MO.	3,000	940	2,820,000
N. H.	100	1,670	1,670,000
N. Y.	2,500	1,250	3,125,000
N. C.	325,000	650	204,750,000
OHIO.	103,200	960	99,072,000
PENN.	41,500	1,400	58,100,000
S. C.	72,000	710	51,120,000
TENN.	101,000	810	81,810,000
TEXAS.	200	670	134,000
VT.	100	1,650	1,650,000
VA.	185,000	700	129,500,000
W. VA.	11,300	800	9,040,000
W. VA.	11,300	800	9,040,000
U. S.	1,446,000	827	1,196,451,000
Latest.	1,518,000	823	1,249,608,000

OATS CROP OF 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, estimating acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.	428,000	19.0	8,132,000
ARIZ.	11,000	40.0	440,000
ARK.	442,000	25.5	11,271,000
CALIF.	175,000	32.0	5,600,000
COLO.	293,000	33.0	9,669,000
CONN.	24,000	38.0	912,000
DEL.	5,000	35.0	175,000
FLA.	60,000	18.0	1,080,000
GA.	600,000	20.0	12,000,000
IDAHO.	237,000	40.0	9,480,000
ILL.	4,508,000	44.0	198,352,000
IND.	2,025,000	42.0	85,050,000
IOWA.	5,466,000	42.0	229,572,000
KAS.	2,329,000	22.0	51,238,000
KY.	100,000	24.0	2,400,000
LA.	80,000	25.0	2,000,000
MAINE.	169,000	40.0	6,760,000
MD.	60,000	33.0	1,980,000
MASS.	12,000	40.0	480,000
MICH.	1,658,000	40.0	66,320,000
MINN.	3,282,000	41.0	134,562,000
MISS.	280,000	20.0	5,600,000
MO.	1,524,000	29.0	44,196,000
MONT.	680,000	30.0	20,400,000
NEB.	2,531,000	22.2	56,188,000
NEV.	14,000	38.0	532,000
N. H.	24,000	38.0	912,000
N. J.	85,000	40.0	3,400,000
N. M.	45,000	28.0	1,260,000
N. Y.	1,260,000	41.0	51,660,000
N. C.	325,000	20.0	6,500,000
N. D.	2,575,000	23.5	60,512,000
OHIO.	1,800,000	44.0	79,200,000
OKLA.	1,380,000	24.0	33,120,000
OREGON.	361,000	25.0	9,025,000
PENN.	1,210,000	39.0	47,190,000
R. I.	2,000	42.0	84,000
S. C.	500,000	22.0	11,000,000
S. D.	2,160,000	39.0	84,240,000
TENN.	325,000	25.0	8,125,000
TEXAS.	1,510,000	14.7	22,197,000
UTAH.	98,000	45.0	4,410,000
VT.	103,000	41.0	4,223,000
VA.	225,000	25.0	5,175,000
WASH.	310,000	27.0	8,370,000
W. VA.	160,000	27.0	4,320,000
WIS.	2,364,000	46.6	110,162,000
WYO.	285,000	41.0	11,685,000
U. S.	44,400,000	34.6	1,538,359,000

TOBACCO—1918.

The tobacco crop of 1918 showed increased acreage, and the largest crop since 1910 and probably the largest on record. Kentucky, North Carolina, Virginia and Ohio are the leading tobacco states.

State.	Planted, Acres.	Per Cent.	Production, Pounds.
ALA.	200	100	110,000
ARK.	300	100	180,000
CONN.	22,600	107	39,826,000
FLA.	4,600	150	4,554,000
GA.	2,900	180	3,030,000
ILL.	700	100	563,000
IND.	16,300	110	14,890,000
KY.	431,300	91	360,739,000
LA.	300	50	107,000
MD.	28,600	100	23,672,000
MASS.	9,200	110	16,499,000
MO.	3,100	101	2,790,000
N. H.	100	100	182,000
N. Y.	3,000	120	3,567,000
N. C.	341,200	105	240,444,000
OHIO.	115,600	112	112,363,000
PENN.	45,600	110	66,284,000
S. C.	86,400	120	64,161,000
TENN.	77,800	77	61,594,000
TEXAS.	200	100	109,000
VT.	100	100	181,000
VA.	196,100	106	162,371,000
W. VA.	13,600	120	11,213,000
WIS.	53,100	110	75,935,000
U. S.	1,452,900	100	1,265,362,000
Latest.	1,549,000	100	1,340,019,000

The Northern Spy, a famous apple, was originated in New York state about the year 1800.

TAME HAY CROP—1918.

The tame hay crop of 1918 is eighteen million tons less than the largest crop. New York, Pennsylvania, Iowa and Illinois lead in quantity for the year. The average production per acre is not up to the average.

State.	Area, Acreage.	Per Cent. of 1917.	Pro-duction, Tons.
ALA.....	1,622,000	112	1,622,000
ARIZ.....	149,000	95	477,000
ARK.....	402,000	103	482,000
CALIF.....	2,376,000	99	2,970,000
COLO.....	951,000	98	2,045,000
CONN.....	340,000	97	442,000
DEL.....	83,000	106	104,000
FLA.....	104,000	104	119,000
GA.....	535,000	100	482,000
IDAHO.....	667,000	92	1,934,000
ILL.....	3,052,000	111	4,029,000
IND.....	2,210,000	103	3,204,000
IOWA.....	3,128,000	99	4,098,000
KAS.....	1,478,000	100	2,069,000
KY.....	1,072,000	110	1,394,000
LA.....	260,000	100	335,000
MAINE.....	1,137,000	98	1,308,000
MD.....	473,000	107	639,000
MASS.....	437,000	95	524,000
MICH.....	2,481,000	97	2,555,000
MINN.....	1,702,000	92	2,383,000
MISS.....	227,000	87	272,000
MO.....	2,989,000	94	2,600,000
MONT.....	767,000	101	1,150,000
NEB.....	1,701,000	107	2,381,000
NEV.....	218,000	93	567,000
N. H.....	496,000	98	570,000
N. J.....	350,000	100	490,000
N. M.....	192,000	95	422,000
N. Y.....	4,185,000	100	5,189,000
N. C.....	444,000	101	577,000
N. D.....	522,000	95	574,000
OHIO.....	2,925,000	100	3,890,000
OKLA.....	581,000	101	680,000
OREGON.....	815,000	97	1,467,000
PENN.....	3,123,000	101	4,154,000
R. I.....	59,000	98	77,000
S. C.....	250,000	100	275,000
S. D.....	720,000	98	1,153,000
TENN.....	981,000	110	1,324,000
TEXAS.....	450,000	100	450,000
UTAH.....	388,000	99	912,000
VT.....	926,000	98	1,204,000
VA.....	892,000	105	1,115,000
WASH.....	751,000	93	1,352,000
W. VA.....	798,000	101	998,000
WIS.....	2,406,000	89	3,296,000
WYO.....	571,000	102	1,199,000
U. S.....	53,386,000	100	71,555,000
Latest.....	55,971,000	100	71,555,000

STOCKS OF HAY IN UNITED STATES.

Year.	Production of All Hay, Preceding Year, (Tons.)	Per Cent. on Farms, May 1, (Tons.)	Price Per Ton, Apr. 15, (Tame)	Price Per Ton, May 1, (Wild)
1910..	81,216,000	11.5	10,053,000	12.21
1911..	82,529,000	12.4	10,222,000	12.29
1912..	67,071,000	8.5	5,732,000	17.64
1913..	90,734,000	14.9	13,523,000	11.13
1914..	79,179,000	12.2	9,631,000	12.32
1915..	88,686,000	12.2	10,797,000	11.32
1916..	107,263,000	13.5	14,452,000	12.22
1917..	110,992,000	11.4	12,659,000	14.44
1918..	94,930,000	11.7	11,096,000	\$17.97 \$14.47

BEANS.

Bean production for three years, as reported by the United States Department of Agriculture. All these figures are estimates, and are often changed, the latest, of course, being final.

State.	1916, Bushels.	1917, Bushels.	1918, Bushels.
N. Y.....	1,140,000	1,575,000	1,444,000
MICH.....	3,102,000	3,294,000	4,911,000
COLO.....	424,000	1,188,000	1,852,000
N. M.....	425,000	667,000	1,620,000
ARIZ.....	48,000	152,000	160,000
CALIF.....	5,576,000	8,091,000	7,815,000
Total....	10,715,000	14,967,000	17,802,000

The Beurre Bosc pear, raised by Dr. Von Mons, was named Calcebose Bosc in the year 1807 in honor of a distinguished Belgian cultivator.

WILD HAY CROP—1918.

The wild hay crop is not one that increases, the total tons for 1918 being about 6,000,000 tons less than in 1915, and the average per acre is less.

State.	Area, Acres.	Per Cent. of 1917.	Pro-duction, Tons.
ALA.....	35,000	100	35,000
ARIZ.....	13,000	90	13,000
ARK.....	86,000	98	71,000
CALIF.....	182,000	81	173,000
COLO.....	451,000	100	424,000
CONN.....	13,000	99	14,000
DEL.....	10,000	101	11,000
FLA.....	9,000	97	10,000
GA.....	13,000	103	12,000
IDAHO.....	113,000	97	124,000
ILL.....	101,000	105	131,000
IND.....	60,000	95	72,000
IOWA.....	615,000	100	738,000
KAS.....	1,305,000	100	848,000
KY.....	5,000	101	5,000
LA.....	30,000	100	30,000
MAINE.....	21,000	100	21,000
MD.....	5,000	100	6,000
MASS.....	21,000	100	21,000
MICH.....	38,000	105	40,000
MINN.....	1,786,000	94	2,054,000
MISS.....	35,000	88	38,000
MO.....	136,000	98	102,000
MONT.....	482,000	90	362,000
NEB.....	2,888,000	94	2,368,000
NEV.....	144,000	80	101,000
N. H.....	21,000	100	21,000
N. J.....	30,000	101	39,000
N. M.....	29,000	90	20,000
N. Y.....	69,000	98	69,000
N. C.....	38,000	98	42,000
N. D.....	2,115,000	97	1,904,000
OHIO.....	2,000	98	3,000
OKLA.....	600,000	100	336,000
OREGON.....	176,000	89	194,000
PENN.....	14,000	98	13,000
R. I.....	1,000	98	1,000
S. C.....	10,000	100	10,000
S. D.....	3,185,000	98	3,185,000
TENN.....	28,000	101	34,000
TEXAS.....	214,000	95	128,000
UTAH.....	64,000	96	70,000
VT.....	11,000	99	12,000
VA.....	9,000	105	9,000
WASH.....	26,000	91	35,000
W. VA.....	6,000	100	7,000
WIS.....	318,000	102	413,000
WYO.....	300,000	100	330,000
U. S.....	15,863,000	96	14,699,000
Latest.....	15,283,000	96	14,374,000

WHEAT ON HAND THREE YEARS.

This table is of wheat held in country mills on March 1st of 1913, 1914 and 1918:

State.	1913, Bushels.	1914, Bushels.	1918, Bushels.
N. Y.....	536,000	612,000	587,000
PENN.....	3,571,000	3,935,000	3,183,000
MD.....	898,000	1,136,000	803,000
VA.....	1,547,000	1,591,000	2,509,000
OHIO.....	1,464,000	4,212,000	3,703,000
IND.....	1,210,000	4,773,000	2,337,000
ILL.....	982,000	3,770,000	2,128,000
MICH.....	980,000	1,789,000	1,217,000
WIS.....	463,000	476,000	852,000
MINN.....	10,726,000	8,845,000	9,656,000
IOWA.....	1,928,000	1,312,000	668,000
MO.....	4,275,000	5,542,000	2,479,000
N. D.....	24,449,000	8,674,000	6,160,000
S. D.....	8,350,000	5,096,000	5,203,000
NEB.....	4,955,000	5,609,000	828,000
KAS.....	8,306,000	8,089,000	2,297,000
KY.....	1,166,000	1,972,000	720,000
TENN.....	920,000	1,428,000	388,000
TEXAS.....	1,764,000	2,048,000	486,000
OKLA.....	3,215,000	1,575,000	1,070,000
MONT.....	.....	2,274,000	2,874,000
WASH.....	16,118,000	9,594,000	5,844,000
All Other.....	20,577,000	11,275,000	15,685,000
U. S.....	118,400,000	93,627,000	68,972,000

WHAT PLANTS LIVE ON.

Count Rumford observed in 1807 that plants deprived of carbonic acid die, and about this time Ingenhousz, another investigator, proved that they absorbed carbonic acid under the influence of sunlight. This led to the general basis of agricultural chemistry, that plants live mainly on inorganic matter.

White Potatoes—1917.

The crop of white potatoes in 1917 exceeded previous records and came at the right time. New York is the banner potato state, so far as quantity grown is concerned, but the average quantity per acre belongs to Nevada, where the actual acreage is small.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.	41,000	72.0	2,952,000
ARIZ.	4,000	105.0	420,000
ARK.	30,000	80.0	2,400,000
CALIF.	105,000	145.0	15,525,000
COLO.	70,000	133.0	9,310,000
CONN.	29,000	110.0	3,190,000
DEL.	13,000	95.0	1,235,000
FLA.	25,000	91.0	2,275,000
GA.	19,000	84.0	1,596,000
IDA.	32,000	156.0	5,004,000
ILL.	150,000	90.0	13,500,000
IND.	92,000	92.0	8,464,000
IOWA.	138,000	95.0	13,110,000
KAS.	78,000	57.0	4,446,000
KY.	70,000	96.0	6,720,000
LA.	25,000	64.0	1,600,000
ME.	150,000	135.0	20,250,000
MD.	60,000	100.0	6,000,000
MASS.	38,000	115.0	4,370,000
MICH.	378,000	95.0	35,910,000
MINN.	300,000	112.0	33,600,000
MISS.	14,000	78.0	1,092,000
MO.	109,000	87.0	9,483,000
MONT.	57,000	95.0	5,415,000
NEB.	147,000	85.0	12,495,000
NEV.	15,000	207.0	3,105,000
N. H.	21,000	107.0	2,247,000
N. J.	98,000	114.0	11,172,000
N. M.	11,000	116.0	1,276,000
N. Y.	400,000	95.0	38,000,000
N. C.	50,000	90.0	4,500,000
N. D.	90,000	43.0	3,870,000
OHIO.	160,000	100.0	16,000,000
OKLA.	36,000	69.0	2,484,000
ORE.	75,000	108.0	8,100,000
PENN.	321,000	92.0	29,532,000
R. I.	5,000	135.0	675,000
S. C.	15,000	96.0	1,440,000
S. D.	80,000	90.0	7,200,000
TENN.	52,000	94.0	4,888,000
TEXAS.	46,000	60.0	2,760,000
UTAH.	23,000	189.0	4,347,000
VT.	30,000	100.0	3,000,000
VA.	200,000	99.0	19,800,000
WASH.	79,000	125.0	9,875,000
W. VA.	65,000	115.0	7,475,000
WIS.	307,000	114.0	34,998,000
WYO.	30,000	155.0	4,650,000
U. S.	4,390,000	100.8	442,536,000

Production of Soy Beans, 1917.

Soy beans are grown for various purposes the same as cowpeas. After figuring the grain yield and the hay yield, there is the plowed under and grazed area, the quantity put in silos, also to be considered.

State.	Acreage Planted.	Grain Yield, Bushels.	Hay Yield, Tons.
ARK.	15,000		
ILL.	30,000		
IND.	100,000	7,000	8,000
KY.	57,000	108,000	80,000
MD.	2,000		
MISS.	31,000	72,000	15,000
MO.	20,000	40,000	5,000
N. C.	120,000	840,000	90,000
N. J.	2,000	11,000	
N. Y.	7,000		
OHIO.	12,000	14,000	
PENN.	8,000	40,000	
S. C.	11,000		
TENN.	50,000	50,000	120,000
VA.	50,000		
VT.	8,000		
W. VA.	5,000	4,000	8,000
WIS.	3,000		2,000
Total.	531,000	1,186,000	328,000

POTATO PRODUCTION, 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, showing acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.	60,000	80	4,800,000
ARIZ.	5,000	85	425,000
ARK.	48,000	50	2,400,000
CALIF.	90,000	143	12,870,000
COLO.	72,000	158	11,376,000
CONN.	26,000	95	2,470,000
DEL.	11,000	87	957,000
FLA.	35,000	100	3,500,000
GA.	23,000	70	1,610,000
IDAHO.	29,000	180	5,220,000
ILL.	160,000	72	11,520,000
IND.	97,000	80	7,760,000
IOWA.	134,000	72	9,648,000
KAS.	80,000	53	4,240,000
KY.	75,000	75	5,625,000
LA.	55,000	79	4,345,000
MAINE.	112,000	200	22,400,000
MD.	50,000	80	4,000,000
MASS.	36,000	133	4,788,000
MICH.	340,000	84	28,560,000
MINN.	312,000	105	32,760,000
MISS.	20,000	80	1,600,000
MO.	114,000	61	6,954,000
MONT.	52,000	135	7,020,000
NEB.	121,000	86	10,406,000
NEV.	9,000	171	1,539,000
N. H.	21,000	140	2,940,000
N. J.	92,000	92	8,464,000
N. M.	10,000	100	1,000,000
N. Y.	380,000	92	34,960,000
N. C.	45,000	92	4,275,000
N. D.	90,000	99	8,910,000
OHIO.	160,000	69	11,040,000
OKLA.	37,000	34	1,258,000
OREGON.	50,000	110	5,500,000
PENN.	305,000	80	24,400,000
R. I.	5,000	130	650,000
S. C.	28,000	102	2,856,000
S. D.	90,000	91	8,190,000
TENN.	50,000	70	3,500,000
TEXAS.	60,000	55	3,300,000
UTAH.	20,000	180	3,600,000
VT.	26,000	130	3,380,000
VA.	125,000	94	11,750,000
WASH.	65,000	132	8,580,000
W. VA.	60,000	87	5,220,000
WIS.	295,000	112	33,040,000
WYO.	30,000	150	4,500,000
U. S.	4,210,000	95	400,106,000

Wheat Supply and Consumption.

The following tabulation was prepared in the United States Department of Agriculture to show the per capita production of wheat.

Year.	Production, Bushels.	Export, Bushels.	Consumption, Bushels.	Carried Over, Bushels.
1900	6.87	2.84		1.16
1901	9.64	3.02	6.85	1.24
1902	8.46	2.56	6.18	.96
1903	7.89	1.49	6.53	.86
1904	6.70	.53	6.35	.68
1905	8.24	1.16	6.58	1.18
1906	8.58	1.71	6.50	1.55
1907	7.26	1.87	6.17	.77
1908	7.47	1.28	6.48	.48
1909	8.14	.96	6.74	.92
1910	6.89	.75	6.08	.98
1911	6.82	.85	5.93	.82
1912	7.65	1.50	6.03	.94
1913	7.87	1.50	6.53	.78
1914	9.03	2.37	5.89	.65
1915	10.09	2.50	6.55	1.59
1916	6.00			

The Farmers' Magazine was established in 1800. Edited by Robert Brown, of Markle; continued until 1827. It was a great help to British agriculture.

In 1800 the frigate Constitution brought a Maltese jack to the United States from her first cruise in the Mediterranean.

BREEDING SOWS ON FARMS.

The number of breeding sows on farms in the United States is ascertained on the first of April every year by the United States Department of Agriculture. For instance, in 1914 the total was 8,916,000; in 1915 the total reached 9,382,000; and in 1916 the total reached 9,402,000. We now present the statement for the three years, including April 1, 1919. These figures are especially interesting for the reason that we have now the largest number of swine in the country on record.

State.	1917.	1918.	1919.
ME.	18,000	19,000	19,000
N. H.	9,000	10,000	10,000
VT.	18,000	19,000	19,000
MASS.	15,000	16,000	18,000
R. I.	2,000	2,000	2,000
CONN.	12,000	13,000	14,000
N. Y.	110,000	117,000	123,000
N. J.	20,000	21,000	22,000
PENN.	138,000	145,000	154,000
DEL.	7,000	8,000	8,000
MD.	42,000	45,000	46,000
VA.	110,000	119,000	123,000
W. VA.	45,000	49,000	51,000
N. C.	150,000	150,000	158,000
S. C.	90,000	95,000	98,000
GA.	260,000	278,000	295,000
FLA.	90,000	101,000	106,000
OHIO.	429,000	497,000	503,000
IND.	530,000	625,000	631,000
ILL.	700,000	791,000	799,000
MICH.	200,000	210,000	218,000
WIS.	333,000	360,000	374,000
MINN.	380,000	399,000	427,000
IOWA.	1,594,000	1,865,000	1,828,000
MO.	670,000	770,000	739,000
N. D.	115,000	104,000	104,000
S. D.	250,000	262,000	272,000
NEB.	687,000	811,000	730,000
KAS.	340,000	340,000	340,000
KY.	167,000	175,000	178,000
TENN.	142,000	168,000	176,000
ALA.	155,000	174,000	186,000
MISS.	131,000	147,000	150,000
LA.	120,000	124,000	120,000
TEXAS.	313,000	269,000	282,000
OKLA.	180,000	153,000	153,000
ARK.	123,000	135,000	139,000
MONT.	43,000	47,000	35,000
WYO.	13,000	13,000	13,000
COLO.	65,000	67,000	70,000
N. M.	13,000	12,000	10,000
ARIZ.	12,000	10,000	8,000
UTAH.	13,000	16,000	16,000
NEV.	5,000	5,000	5,000
IDAHO.	26,000	22,000	22,000
WASH.	37,000	36,000	35,000
OREGON.	42,000	42,000	41,000
U. S.	9,072,000	9,937,000	9,970,000

SORGHUM FOR SYRUP—1918.

Alabama has a long lead in the production of sorghum for syrup over any other state, producing nearly half the crop. The production in 1918 is about 4,000,000 gallons less than in 1917.

State.	Planted, Acres.	Per Cent, of 1917.	Pro-duction, Gallons.
ALA.	163,200	85	14,326,000
ARK.	15,980	94	992,000
FLA.	189	106	22,000
GA.	10,000	100	960,000
ILL.	9,603	108	834,000
IND.	7,697	115	745,000
IOWA.	4,347	175	430,000
KAS.	3,194	100	187,000
KY.	33,250	96	2,981,000
LA.	447	98	29,000
MINN.	1,480	120	146,000
MISS.	9,359	90	764,000
MO.	21,600	108	1,804,000
NEB.	386	194	27,000
N. M.	30	100	2,000
N. C.	11,058	97	1,082,000
OHIO.	6,012	150	522,000
OKLA.	7,612	100	282,000
S. C.	3,482	98	274,000
TENN.	22,500	90	1,955,000
TEXAS.	8,772	102	462,000
UTAH.	224	115	31,000
VA.	3,571	110	368,000
W. VA.	5,443	110	554,000
WIS.	2,268	125	194,000
U. S.	351,704	93	29,973,000
Latest.	372,600	93	29,234,000

BARLEY CROP OF 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, estimating acres planted, yield per acre and production in bushels.

State.	Planted, Acres.	Yield Per Acre.	Produc-tion, Bushels.
ARIZ.	30,000	34.0	1,020,000
CALIF.	1,320,000	26.0	34,320,000
COLO.	176,000	28.0	4,928,000
DEL.	.....	.....	.....
FLA.	.....	.....	.....
GA.	.....	.....	.....
IDAHO.	175,000	28.0	4,900,000
ILL.	250,000	36.0	9,000,000
IND.	45,000	37.0	1,665,000
IOWA.	360,000	31.5	11,340,000
KAS.	604,000	10.0	6,040,000
KY.	7,000	28.0	196,000
LA.	.....	.....	.....
MAINE.	12,000	25.0	300,000
MD.	6,000	31.0	186,000
MASS.	.....	.....	.....
MICH.	275,000	30.3	8,332,000
MINN.	1,400,000	31.0	43,400,000
MISS.	.....	.....	.....
MO.	10,000	25.0	250,000
MONT.	87,000	22.0	1,914,000
NEB.	343,000	16.5	5,660,000
NEV.	12,000	34.0	408,000
N. H.	1,000	32.0	32,000
N. J.	.....	.....	.....
N. M.	14,000	28.0	392,000
N. Y.	125,000	31.5	3,938,000
N. C.	.....	.....	.....
N. D.	1,734,000	21.5	37,281,000
OHIO.	100,000	31.5	3,150,000
OKLA.	8,000	17.0	136,000
OREGON.	178,000	25.0	4,450,000
PENN.	15,000	28.0	420,000
R. I.	.....	.....	.....
S. C.	1,400,000	29.5	41,300,000
S. D.	8,000	23.0	184,000
TENN.	10,000	17.0	170,000
TEXAS.	32,000	35.0	1,120,000
UTAH.	16,000	31.0	496,000
VT.	12,000	27.0	324,000
VA.	173,000	15.2	2,630,000
WASH.	.....	.....	.....
W. VA.	711,000	35.7	25,383,000
WIS.	30,000	37.0	1,110,000
WYO.	.....	.....	.....
U. S.	9,679,000	26.5	256,375,000

ACREAGE OF TOMATOES.

The following table shows in a general way the number of factories canning tomatoes in each state, also the number of acres contracted for in 1917 and 1918:

State.	Factories Reporting, Num-ber.	Acres, 1917.	Acres, 1918.
ARKANSAS.	12	1,830	2,157
CALIFORNIA.	88	20,977	28,906
COLORADO.	13	1,672	1,926
DELAWARE.	59	11,905	9,182
ILLINOIS.	20	2,543	3,173
INDIANA.	146	41,530	44,358
IOWA.	14	2,550	2,267
KENTUCKY.	19	3,332	7,629
MARYLAND.	293	43,657	35,185
MICHIGAN.	25	3,336	3,510
MISSOURI.	81	11,580	12,018
NEW JERSEY.	51	17,555	17,422
NEW MEXICO.	4	1,016	950
NEW YORK.	57	8,867	8,162
OHIO.	42	6,752	7,380
OREGON.	5	157	199
PENNSYLVANIA.	17	1,515	1,605
TENNESSEE.	18	3,361	3,414
UTAH.	25	3,150	4,639
VIRGINIA.	377	18,142	17,737
WEST VIRGINIA.	11	351	746
WISCONSIN.	4	242	255
ALL OTHER.	18	654	1,070
United States.	1,399	207,074	213,890

In 1802 tomatoes were introduced at Salem, Mass., by Michelo Corne, an Italian painer, but he had considerably difficulty in persuading people to eat them.

In the year 1807 Eleazer Carver, of Bridgewater, Mass., commenced the manufacture of roller gins and saw mills in Mississippi and Louisiana.

The Rye Crop—1917.

The rye crop of 1917 was the largest on record and amounted to 60,145,000 bushels, against 48,862,000 bushels in 1916, and 64,050,000 bushels in 1915. The largest 1917 yield was in North Dakota, and the largest yield per acre in Connecticut.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.	4,000	9.5	38,000
ARIZ.	000	00.0	000
ARK.	2,000	13.5	27,000
CALIF.	000	00.0	000
COLO.	27,000	16.0	432,000
CONN.	7,000	20.5	144,000
DEL.	1,000	16.0	16,000
FLA.	000	00.0	000
GA.	15,000	8.5	128,000
IDA.	2,000	15.5	31,000
ILL.	43,000	17.5	752,000
IND.	200,000	15.0	3,000,000
IOWA.	50,000	18.0	900,000
KAS.	76,000	15.0	1,140,000
KY.	30,000	12.5	375,000
LA.	000	00.0	000
ME.	000	00.0	000
MD.	24,000	16.0	384,000
MASS.	3,000	19.0	57,000
MICH.	341,000	15.0	5,115,000
MINN.	410,000	18.5	7,585,000
MISS.	000	00.0	000
MO.	30,000	14.7	441,000
MONT.	9,000	12.7	114,000
NEB.	215,000	15.6	3,354,000
NEV.	000	00.0	000
N. H.	000	00.0	000
N. J.	69,000	18.5	1,276,000
N. M.	000	00.0	000
N. Y.	135,000	19.2	2,565,000
N. C.	52,000	10.0	520,000
N. D.	1,040,000	9.5	9,880,000
OHIO.	90,000	18.0	1,620,000
OKLA.	31,000	10.0	90,000
ORE.	31,000	11.5	356,000
PENN.	260,000	17.0	4,420,000
R. I.	000	00.0	000
S. C.	17,000	10.0	170,000
S. D.	350,000	16.0	5,600,000
TENN.	12,000	10.0	120,000
TEXAS.	2,000	10.0	20,000
UTAH.	13,000	8.0	104,000
VT.	1,000	20.0	20,000
VA.	77,000	15.0	1,155,000
WASH.	7,000	12.7	89,000
W. VA.	20,000	13.5	270,000
WIS.	410,000	18.5	7,585,000
WYO.	18,000	14.0	252,000
U. S.	4,102,000	14.7	60,145,000
Latest.	4,317,000	14.6	62,933,000

COTTON ACREAGE—1918.

The crop of 1917 in bales is given, also the acreage planted in 1918. The latest estimate of the 1918 crop is 11,818,000 bales. The largest cotton crop was 16,135,000 bales, in 1914.

State.	1917 Crop, Bales.	1918 Planted, Acreage.	Per Cent. of 1917.
ALA.	517,890	2,622,000	130
ARIZ.	21,737	92,000	200
ARK.	973,752	2,922,000	104
CALIF.	57,826	191,000	125
FLA.	37,858	167,000	89
GA.	1,883,911	5,432,000	103
LA.	638,729	1,553,000	106
MISS.	905,554	3,264,000	116
MO.	60,831	158,000	98
N. C.	617,989	1,609,000	103
OKLA.	959,081	3,161,000	109
S. C.	1,236,021	2,995,000	104
TENN.	240,525	926,000	102
TEXAS.	3,125,378	11,910,000	102
VA.	18,777	51,000	97
OTHER.	5,666	17,000	106
U. S.	11,302,375	37,073,000	106.2
Latest.	11,700,000	35,890,000	104.2

The latest form of foot or treadle gin for cotton was introduced in Georgia from the Bahamas in 1793.

In the year 1803 the American cranberry was first grown at Cape Cod, Mass.

RYE PRODUCTION, 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, estimating acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.	4,000	11.0	44,000
ARIZ.	000	00.0	000
ARK.	2,000	10.5	21,000
CALIF.	000	00.0	000
COLO.	27,000	12.0	324,000
CONN.	11,000	22.0	242,000
DEL.	1,000	14.5	14,000
FLA.	000	00.0	000
GA.	20,000	8.8	176,000
IDAHIO.	4,000	15.0	60,000
ILL.	200,000	19.0	3,800,000
IND.	110,000	16.5	6,765,000
IOWA.	54,000	19.0	1,026,000
KAS.	170,000	14.3	2,431,000
KY.	65,000	13.6	884,000
LA.	000	00.0	000
MAINE.	000	00.0	000
MD.	30,000	15.0	450,000
MASS.	4,000	20.0	80,000
MICH.	472,000	14.3	6,750,000
MINN.	435,000	20.0	8,700,000
MISS.	000	00.0	000
MO.	34,000	14.0	476,000
MONT.	20,000	12.0	240,000
NEB.	388,000	12.9	5,005,000
NEV.	000	00.0	000
N. H.	000	00.0	000
N. J.	73,000	18.5	1,350,000
N. M.	000	00.0	000
N. Y.	112,000	16.5	1,848,000
N. C.	60,000	8.0	480,000
N. D.	1,945,000	10.5	20,422,000
OHIO.	111,000	17.0	1,887,000
OKLA.	8,000	11.0	88,000
OREGON.	41,000	12.0	492,000
PENN.	250,000	17.0	4,250,000
R. I.	000	00.0	000
S. C.	18,000	11.2	202,000
S. D.	575,000	18.0	10,350,000
TENN.	30,000	10.0	300,000
TEXAS.	4,000	5.4	22,000
UTAH.	16,000	13.0	208,000
VT.	1,000	21.0	21,000
VA.	100,000	12.0	1,200,000
WASH.	7,000	10.0	70,000
W. VA.	22,000	13.7	301,000
WIS.	436,000	17.6	7,674,000
WYO.	25,000	18.0	450,000
U. S.	6,185,000	14.4	89,103,000

The Cotton Crop.

The Department of Agriculture in December gives us an estimate by states of the cotton crop of 1917. We present it, together with the enumeration of the crop of 1916 and the five-year average from 1911 to 1915, inclusive. The small crop of 1917 was selling at 27.7 cents a pound in December, 1917, against 10 cents a pound, the December average for the five-year period.

State.	Five-year Average, Bales.	1916. Bales.	1917. Bales.
VIRGINIA.	23,762	27,127	16,000
N. CAROLINA.	872,830	654,603	570,000
GEORGIA.	2,297,697	1,820,939	1,820,000
FLORIDA.	64,787	41,449	40,000
ALABAMA.	1,465,301	533,402	505,000
MISSISSIPPI.	1,152,041	811,794	895,000
LOUISIANA.	399,007	443,182	615,000
TEXAS.	4,180,240	3,725,700	3,115,000
ARKANSAS.	927,273	1,134,033	895,000
TENNESSEE.	358,538	382,422	206,000
MISSOURI.	60,871	62,699	51,000
OKLAHOMA.	957,106	823,526	890,000
CALIFORNIA.	23,846	43,620	67,000
ALL OTHER.	8,296	13,604	29,000
U. S.	14,175,872	11,449,930	10,949,000
Latest.	14,175,872	11,449,930	11,302,375

In 1805 ground bones began to be used in England as manure for turnips.

ALL WHEAT — FULL CROP, 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, estimating acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acre.	Production Bushels.
ALA.....	140,000	9.5	1,330,000
ARIZ.....	38,000	26.0	988,000
ARK.....	254,000	12.0	3,048,000
CALIF.....	506,000	15.0	7,590,000
COLO.....	742,000	18.0	13,335,000
CONN.....	133,000	13.0	1,729,900
DEL.....	356,000	10.2	3,631,000
GA.....	845,000	21.4	18,043,000
IDAHO.....	2,774,000	22.0	60,991,000
ILL.....	2,353,000	21.0	49,427,000
IND.....	1,050,000	18.7	19,650,000
IOWA.....	7,248,000	14.1	102,008,000
KAN.....	933,000	13.0	12,129,000
LA.....	23,000	22.0	506,000
MAINE.....	732,000	15.5	11,346,000
MD.....	754,000	14.2	10,716,000
MASS.....	3,799,000	21.0	79,710,000
MICH.....	30,000	16.5	495,000
MINN.....	3,092,000	13.0	53,154,000
MISS.....	2,062,000	12.3	25,434,000
MO.....	3,828,000	11.3	43,141,000
MONT.....	42,000	25.5	1,070,000
NEB.....	100,000	17.0	1,700,000
N. H.....	213,000	15.7	3,334,000
N. J.....	430,000	18.2	7,840,000
N. M.....	1,015,000	13.0	10,101,000
N. Y.....	7,770,000	19.0	148,830,000
N. D.....	2,290,000	12.6	28,899,000
OHIO.....	2,611,000	14.7	38,528,000
OKLA.....	1,454,000	17.0	24,718,000
OREGON.....	205,000	11.0	2,255,000
PENN.....	3,765,000	18.9	71,305,000
R. I.....	750,000	10.0	7,500,000
S. C.....	892,000	10.0	8,920,000
S. D.....	320,000	20.2	6,464,000
TENN.....	18,000	22.0	396,000
TEXAS.....	1,300,000	12.0	15,600,000
UTAH.....	2,191,000	12.1	26,429,000
VT.....	348,000	14.2	4,942,000
VA.....	406,000	24.2	9,837,000
W. VA.....	260,000	25.4	6,600,000
WIS.....			
WYO.....			
U. S.....	59,110,000	15.5	917,100,000

Acreage of Non-food Crops.

The following statement shows the acreage planted in cotton, flax and sorghum cane from and including the year 1909:

Year.	Cotton, Acres.	Flax, Acres.	Sorghum Cane, Acres.
1909.....	30,938,000	2,083,000	189,000
1910.....	32,403,000	2,467,000	184,000
1911.....	36,045,000	2,757,000	170,000
1912.....	34,283,000	2,851,000	165,000
3 Years.....	102,731,000	8,075,000	519,000
1913.....	37,089,000	2,291,000	159,000
1914.....	36,832,000	1,645,000	150,000
1915.....	31,412,000	1,387,000	164,000
3 Years.....	105,333,000	5,323,000	473,000
1916.....	34,985,000	1,474,000	157,000
1917.....	33,841,000	1,809,000	378,000
1918.....	37,073,000	1,967,000	352,000
3 Years.....	105,899,000	5,250,000	887,000

THE ORIGINAL BEN DAVIS.

In the year 1800 Mr. Ben Davis began the cultivation of the orchard in which was originated the apple bearing his name. He was born in Prince Edwards county, Virginia, in 1775, and in 1800 removed to Butler county, Kentucky, where he acquired a large tract of land, and up to the outbreak of the Civil War owned about twenty slaves. He was the pioneer apple grower and nurseryman of that section of country, and his long experience in propagating finally produced the Ben Davis apple.

CHERRY TREES AND PRODUCTION.

The production of cherries increased in the United States from 2,873,499 bushels in 1889 to 4,126,099 bushels in the year 1909. Since then we have no records. At the beginning of the year 1910 there were 11,822,044 trees of bearing age on 1,248,667 farms, and on 483,163 farms the 5,621,660 trees not of bearing age were growing up. The value of the cherries grown in the United States in the last census year was estimated at \$7,231,160.

State.	Trees of Bearing Age.	Trees Not of Bearing Age.	Crop, 1899, Bushels.	Crop, 1909, Bushels.
ALA.....	25,566	16,673	1,159	3,588
ARIZ.....	312	1,608	220	476
ARK.....	60,946	47,556	7,889	5,993
CAL.....	522,304	300,063	318,960	5,010,913
COLO.....	203,806	319,624	5,387	88,937
CONN.....	12,119	5,728	12,721	3,617
DEL.....	16,145	4,598	8,066	2,634
D. C.....	435	4	248	375
FLA.....	666	498	112	234
GA.....	50,723	23,479	5,950	4,979
IDA.....	61,881	95,423	12,294	22,609
ILL.....	843,283	239,605	204,279	287,376
IND.....	815,742	251,959	228,485	363,993
IA.....	908,764	229,352	118,743	260,432
KAN.....	661,267	237,051	60,511	34,409
KY.....	212,118	103,766	34,258	52,163
LA.....	975	760	336	527
ME.....	14,288	6,653	1,550	2,403
MD.....	82,305	27,774	60,452	42,315
MASS.....	13,396	6,776	6,043	4,761
MICH.....	760,183	540,580	194,541	338,945
MINN.....	25,130	35,399	960	1,520
MISS.....	9,748	9,377	2,352	2,819
MO.....	623,332	247,425	62,708	123,314
MONT.....	19,938	24,237	7,497	7,497
NEB.....	494,168	267,529	54,047	89,876
NEV.....	1,558	787	114	481
N. H.....	9,463	6,326	1,183	1,403
N. J.....	102,124	36,743	82,005	44,636
N. M.....	21,925	26,818	5,228	6,384
N. Y.....	678,989	342,959	218,642	271,597
N. C.....	168,065	74,111	33,899	53,788
N. D.....	5,076	21,484	4	209
OHIO.....	1,144,271	342,328	192,954	338,644
OKLA.....	295,042	150,541	3,221	2,462
ORE.....	223,456	313,770	65,347	181,089
PENN.....	1,075,031	280,251	474,940	475,093
R. I.....	964	453	1,329	214
S. C.....	60,274	25,764	6,551	10,987
S. D.....	51,613	76,293	900	5,924
TENN.....	201,830	128,406	11,688	36,303
TEX.....	29,439	43,712	663	1,062
UTAH.....	79,775	109,118	9,005	21,902
VT.....	18,006	6,659	1,069	2,506
VA.....	352,783	83,323	188,693	132,671
WASH.....	241,038	229,067	52,114	131,392
W. VA.....	332,429	124,567	87,828	79,230
WIS.....	290,495	148,775	31,067	81,340
WYO.....	919	4,025	1	68

Total. 11,822,044 5,621,660 2,873,499 4,126,099
(This statement will not appear again.)

THE SPANISH MERINO.

In the year 1802 Col. David Humphreys, United States Minister to the Court of Spain, being succeeded by Hon. Chas. Pinckney, was tendered by the King of Spain a customary present to retiring Minister of ten bars of gold, weighing one pound each, but as the law forbids a United States Minister receiving presents from a foreign court, Colonel Humphreys declined it, but requested the privilege of buying and taking 200 Merino sheep out of the country. The Spanish Court did not formally grant permission, but allowed the exportation to be made. The sheep were pure Transhumantes or herded sheep, and represent the Spanish Merino sheep in America.

The Smithfield (London) Club organized in 1798. Duke of Bedford, President; Arthur Young, Secretary. Object, to promote improvement in cattle. Annual Cattle Show instituted; first exhibition about the following year.

In 1804 "The Pennsylvania Farmer," published in Philadelphia, described broom corn: "A useful plant, the cheapest and best for making brooms, velvet whisks, etc."

In the fall of 1805 Grant Thorburn began to sell seeds in New York and built up a substantial business.

WHEAT PLANTING—FALL, 1918.

The Agricultural Department has issued a recommendation for winter wheat planting in 1918, which is an average of seven per cent. over the 1917 planting. The tabulated statement herewith shows the largest winter wheat acreage planted in the different states heretofore and the recommendation is also given to show the reasonableness of the desired action.

State.	Maximum Acreage Planted.	Maximum Now Sug-gested.	Per Cent. Acreage.
ALA.....	144,000	158,000	105
ARIZ.....	44,000	48,000	105
ARK.....	288,000	317,000	105
CALIF.....	489,000	538,000	105
COLO.....	462,000	508,000	105
DEL.....	146,000	160,000	105
GA.....	428,000	514,000	105
IDAHO.....	405,000	405,000	125
ILL.....	2,934,000	3,200,000	113
IND.....	2,820,000	3,100,000	110
IOWA.....	525,000	900,000	131
KAS.....	9,479,000	9,479,000	100
KY.....	968,000	1,142,000	110
MD.....	732,000	811,000	105
MICH.....	963,000	941,000	100
MINN.....	89,000	89,000	100
MISS.....	36,000	45,000	110
MO.....	2,875,000	3,235,000	108
MONT.....	775,000	775,000	100
NEB.....	3,674,000	3,762,000	117
NEV.....	23,000	10,000	100
N. J.....	99,000	104,000	102
N. M.....	270,000	283,000	102
N. Y.....	512,000	563,000	103
N. C.....	1,179,000	1,297,000	105
OHIO.....	2,145,000	2,500,000	109
OKLA.....	3,400,000	3,400,000	100
OREGON.....	692,000	692,000	103
PENN.....	1,530,000	1,683,000	103
S. C.....	270,000	297,000	105
S. D.....	182,000	182,000	111
TENN.....	901,000	1,010,000	110
TEXAS.....	1,730,000	1,730,000	107
UTAH.....	256,000	275,000	105
VA.....	1,463,000	1,609,000	105
WASH.....	1,156,000	850,000	180
W. VA.....	355,000	390,000	105
WIS.....	112,000	112,000	100
WYO.....	84,000	92,000	105
U. S.....	44,640,000	47,206,000	107

NOTE.—States that suffered from drouth conditions were not asked to increase wheat acreage. In Michigan, Wisconsin, Minnesota and South Dakota, larger increase of winter wheat acreage is not suggested, because of heavy increases suggested for rye. The actual planting of fall wheat crop of 1919 is estimated at 42,170,000 acres.

WHEAT ON FARMS, 1915, 1916, 1917.

This table shows the amount of wheat reported as being on farms on the 1st of March for several years. A separate table shows the amount of wheat on farms on March 1st, 1918.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
PENN.....	5,462,000	8,612,000	4,702,000
MD.....	2,368,000	2,568,000	2,048,000
VA.....	2,698,000	4,922,000	2,925,000
N. C.....	2,126,000	2,551,000	1,796,000
OHIO.....	8,038,000	12,058,000	3,240,000
IND.....	6,486,000	10,028,000	2,527,000
ILL.....	5,550,000	9,576,000	1,460,000
MICH.....	3,983,000	5,725,000	2,448,000
IOWA.....	10,814,000	19,844,000	5,787,000
KY.....	3,013,000	4,556,000	1,672,000
MO.....	6,933,000	7,798,000	1,492,000
N. D.....	15,502,000	39,512,000	11,011,000
S. D.....	6,945,000	17,853,000	5,958,000
NEB.....	10,899,000	23,436,000	15,081,000
KAS.....	30,124,000	25,569,000	10,782,000
KY.....	1,254,000	1,188,000	641,000
TEXAS.....	1,547,000	2,813,000	924,000
OKLA.....	4,793,000	5,052,000	1,775,000
MONT.....	3,488,000	10,545,000	4,871,000
COLO.....	2,036,000	3,167,000	2,020,000
IDAHO.....	2,442,000	3,933,000	2,110,000
WASH.....	5,021,000	7,713,000	4,516,000
OREGON.....	1,826,000	3,004,000	2,737,000
U. S.....	152,903,000	244,448,000	101,365,000
U. S., on Farms, March 1st, 1918..			111,272,000

FALL WHEAT PLANTING, 1917-1918.

A statement issued December, 1918, by the United States Department of Agriculture in December, 1918, shows extent of wheat planting in autumn of 1917 (as revised a year after planting) and the preliminary estimate for the autumn of 1918. The increase or decrease in planting in 1918 over 1917, by percentage, is also shown.

State.	1917. Acres.	Per Cent.	1918. Acres.
ALA.....	144,000	120	173,000
ARIZ.....	44,000	95	42,000
ARK.....	260,000	137	356,000
CALIF.....	633,000	142	899,000
COLO.....	585,000	107	626,000
CONN.....	000	000	000
DEL.....	146,000	106	155,000
GA.....	400,000	102	408,000
IDAHO.....	315,000	105	331,000
ILL.....	2,602,000	125	3,252,000
IND.....	2,370,000	122	2,891,000
IOWA.....	375,000	200	75,000
KAS.....	9,897,000	113	11,184,000
KY.....	952,000	111	1,057,000
MD.....	770,000	106	816,000
MASS.....	000	000	000
MICH.....	941,000	106	997,000
MINN.....	85,000	87	74,000
MISS.....	36,000	117	42,000
MO.....	3,120,000	136	4,243,000
MONT.....	775,000	91	705,000
NEB.....	3,135,000	112	3,511,000
NEV.....	5,000	101	5,000
N. J.....	106,000	106	112,000
N. M.....	140,000	130	182,000
N. Y.....	450,000	106	477,000
N. C.....	1,035,000	99	1,025,000
N. D.....	000	000	000
OHIO.....	2,350,000	111	2,608,000
OKLA.....	3,264,000	110	3,590,000
OREGON.....	650,000	125	812,000
TENN.....	765,000	106	811,000
S. C.....	210,000	99	208,000
S. D.....	135,000	80	108,000
TENN.....	705,000	106	811,000
TEXAS.....	1,622,000	130	2,109,000
UTAH.....	165,000	104	172,000
VT.....	000	000	000
VA.....	1,313,000	101	1,326,000
WASH.....	422,000	235	992,000
W. VA.....	355,000	105	373,000
WIS.....	112,000	92	103,000
WYO.....	87,000	96	84,000
U. S.....	42,301,000	116	49,261,000

FAKED TENURE—WHITE AND COLORED.

There were 6,361,502 farms in the United States in the last census year. Of the total 5,440,619 were conducted by white farmers and 920,993 were conducted by colored farmers. Of white farmers in ten years there was an increase of 9.5 per cent., or 471,011 farms, and there was an increase of 19.9 per cent. of colored farmers, or 153,119 farms:

WHITE FARMERS.

Tenure.	Year. 1900.	Year. 1910.	Decrease. Per Cent.
Owners.....	3,025,931	3,159,088	133,157 4.4
Part Owners.....	420,875	548,413	127,538 30.3
Managers.....	57,261	56,560	-701 -1.2
On Shares.....	988,539	1,140,215	151,676 15.3
Cash Rent.....	477,002	536,343	59,341 12.4

Total U. S... 4,969,608 5,140,619 471,011 9.5

COLORED FARMERS.

Tenure.	Year. 1900.	Year. 1910.	Decrease. Per Cent.
Owners.....	176,016	195,809	19,793 11.2
Part Owners.....	30,501	45,412	14,911 48.9
Managers.....	1,824	1,544	-280 15.4
On Shares.....	284,700	388,174	103,474 36.3
Cash Rent.....	274,603	289,944	15,218 5.6

Total U. S... 767,764 920,883 153,119 19.9
All Farms... 5,737,372 6,361,502 624,130 10.9

SPANISH MERINO SHEEP.

In the year 1808 Hon. Wm. Jarvis imported Merino sheep from Spain. They were Paulars, Alguerras, Negretis, Escurials and Montarcos. He bred them separately until 1816, when he mixed them all together for the reason that they were very much alike, and he knew of no good reason why they should not be bred together.

In 1808 Hugh Watson, of Forfarshire, Scotland, commenced breeding Aberdeen-Angus cattle, he being nineteen years of age.

Sweet Potatoes, 1915-1916.

The sweet potato crop of 1914 was 56,574,000 bushels; of 1915 it was 75,639,000 bushels; and in 1916 the crop was 70,955,00 bushels. The area in 1914 was 603,000 acres; in 1915 the area was 731,000 acres; and in 1916 the ground devoted to raising sweet potatoes was 774,000 acre.

State.	1915.		1916.	
	Yield Per Acre.	Pro-duction, Bushels.	Yield Per Acre.	Pro-duction, Bushels.
ALA.....	90	7,200,000	74	6,290,000
ARK.....	130	3,900,000	91	3,185,000
CAL.....	135	810,000	160	960,000
DEL.....	135	675,000	125	625,000
FLA.....	112	2,576,000	100	2,500,000
GA.....	85	8,075,000	80	7,520,000
ILL.....	110	880,000	90	720,000
IND.....	104	208,000	100	300,000
IOWA.....	95	285,000	91	273,000
KAS.....	110	440,000	92	368,000
KY.....	105	1,050,000	90	900,000
LA.....	92	5,980,000	90	5,760,000
MD.....	130	1,040,000	126	1,134,000
MISS.....	110	8,250,000	82	6,314,000
MO.....	100	700,000	70	490,000
N. J.....	155	3,565,000	100	2,300,000
N. C.....	105	8,925,000	107	9,309,000
OHIO.....	95	95,000	99	99,000
OKLA.....	115	1,380,000	74	962,000
PENN.....	105	105,000	100	100,000
S. C.....	105	6,825,000	86	5,676,000
TENN.....	105	2,835,000	100	2,700,000
VA.....	110	3,740,000	130	5,070,000
W. VA.....	110	220,000	140	280,000
U. S.....	103.5	75,639,000	91.7	70,955,000

SWEET POTATOES—1917.

The 1917 crop of sweet potatoes, as estimated by the United States Department of Agriculture, is a large crop. Georgia shows largely increased production, and the general average per acre is much the same as in 1916. The acreage increased from 774,000 in 1916 to 953,000 acres in 1917.

State.	Planted Acres.	Yield Per Acre.	Pro-duction, Bushels.
ALA.....	178,000	90.0	16,020,000
ARK.....	40,000	110.0	4,400,000
CALIF.....	6,000	167.0	1,002,000
DEL.....	5,000	112.0	560,000
FLA.....	35,000	100.0	3,500,000
GA.....	125,000	93.0	11,625,000
ILL.....	8,000	97.0	776,000
IND.....	3,000	106.0	318,000
IOWA.....	3,000	90.0	270,000
KAS.....	4,000	92.0	368,000
KY.....	12,000	95.0	1,140,000
LA.....	62,000	79.0	4,898,000
MD.....	10,000	118.0	1,180,000
MISS.....	85,000	65.0	5,525,000
MO.....	8,000	112.0	896,000
N. J.....	24,000	120.0	2,880,000
N. C.....	2,000	118.0	236,000
N. M.....	90,000	95.0	8,550,000
N. C.....	1,000	95.0	95,000
OHIO.....	15,000	90.0	1,350,000
OKLA.....	1,000	110.0	110,000
PENN.....	80,000	95.0	7,600,000
S. C.....	30,000	95.0	2,850,000
TENN.....	84,000	78.0	6,552,000
TEXAS.....	40,000	104.0	4,160,000
W. VA.....	2,000	140.0	280,000
U. S.....	953,000	91.4	87,141,000
Latest.....	919,000	91.2	83,822,000

THE ORANGE RESULTS—1917.

Here we have a table showing the results in orange growing in Florida and California. The relative importance of California and Florida as orange-growing states can be ascertained from this table:

State.	1915. Boxes.	1916. Boxes.	1917. Boxes.
FLA.....	6,150,000	6,933,000	4,200,000
CALIF.....	15,050,000	17,500,000	8,632,000
Total.....	21,200,000	24,433,000	12,832,000
Latest.....			10,593,000

SWEET POTATOES—CROP OF 1918.

Sweet potatoes increased in acreage and production, 1917 and 1918 being the banner years. The largest production per acre was in 1915 and the largest acreage in 1918.

State.	Planted, Acres.	Per Cent. 1917.	Pro-duction, Bushels.
ALA.....	190,000	107	16,568,000
ARK.....	37,000	92	3,120,000
CALIF.....	6,000	104	949,000
DEL.....	5,000	97	599,000
FLA.....	38,000	110	4,166,000
GA.....	129,000	103	11,649,000
ILL.....	8,000	97	734,000
IND.....	3,000	100	307,000
IOWA.....	3,000	90	283,000
KAS.....	4,600	100	238,000
KY.....	11,000	94	1,041,000
LA.....	60,000	97	4,284,000
MD.....	10,000	100	1,250,000
MISS.....	89,000	105	8,117,000
MO.....	8,000	102	699,000
N. J.....	23,000	95	2,893,000
N. M.....	2,000	100	272,000
N. C.....	8,000	90	8,081,000
OHIO.....	1,000	100	103,100
OKLA.....	15,000	101	794,100
PENN.....	1,000	101	108,000
S. C.....	80,000	100	7,387,000
TENN.....	28,000	95	2,576,000
TEXAS.....	87,000	104	4,902,000
VA.....	38,000	96	4,085,000
W. VA.....	2,000	100	218,000
U. S.....	959,000	101	85,473,000
Latest.....	922,000	100	83,822,000

FLAXSEED CROP OF 1918.

Flaxseed in a general way is a decreasing crop, and the crop of 1918 was not much over half the crop of 1912, when 2,851,000 acres were planted and 28,073,000 bushels were harvested.

State.	Planted, Acres.	Per Cent. 1917.	Pro-duction, Bushels.
COL.....	13,000	106	137,000
IOWA.....	32,000	95	157,000
KAS.....	233,000	106	2,447,000
MINN.....	6,000	102	42,000
MO.....	578,000	137	3,487,000
MONT.....	7,000	140	66,000
NEB.....	955,000	99	7,879,000
N. D.....	140,000	100	1,865,000
WYO.....	3,000	100	26,000
U. S.....	1,967,000	109	15,606,000
Latest.....	1,938,000	...	14,657,000

CLOVER SEED—1918.

State.	Planted, Acres.	Per Cent. 1917.	Pro-duction, Bushels.
IDAHO.....	19,000	105	97,900
ILL.....	97,000	135	172,000
IND.....	155,000	115	231,000
IOWA.....	21,000	125	30,000
KAS.....	7,000	90	12,000
MICH.....	142,000	116	160,000
MINN.....	19,000	73	34,000
MO.....	42,000	85	60,000
NEB.....	4,000	120	7,000
N. Y.....	5,000	104	11,000
OHIO.....	231,000	105	310,000
OREGON.....	8,000	50	19,000
PENN.....	12,000	115	17,000
TENN.....	6,000	107	10,000
WIS.....	78,000	60	161,000
U. S.....	819,000	100	1,383,000

SUGAR BEETS—1918.

State.	1918, Acres Planted.	1918, Production, Tons.	1917, Production, Tons.
CALIF.....	120,900	1,102,000	1,331,000
COLO.....	142,000	1,441,000	1,858,000
IDAHO.....	37,000	347,000	312,000
MICH.....	134,500	1,011,000	524,000
OHIO.....	36,100	319,000	220,000
UTAH.....	90,100	1,094,000	762,000
OTHER.....	128,400	1,144,000	973,000
Total.....	689,700	6,458,000	5,980,000
Latest.....	592,100	5,822,600	5,980,377

Milo Maize and Kafir Corn.

These crops have seldom been enumerated. They are in one class. In 1899 the census reported 266,513 acres devoted to the production of these crops and resulting in a production of 5,169,113 bushels. In 1909 the acreage was increased to 1,635,153 and the production to 17,597,305 bushels.

State.	Acreage, 1899.	Acreage, 1909.	Bush-els, 1899.	Bush-els, 1909.
ALA....	4	140	90	1,716
ARIZ....	1	801	50	18,739
ARK....	109	1,294	1,722	15,284
CALIF..	20,218	41,308	420,432	938,049
COLO..	18	11,971	302	139,234
CONN..	.....	4	.....	105
DEL....	2	1	65	25
FLA....	.....	16	.....	422
GA....	26	15	369	237
IDAHO..	.....	9	.....	140
ILL....	34	415	808	7,739
IND....	3	179	37	3,228
IOWA..	66	142	1,408	3,081
KAS....	154,706	388,495	3,063,781	5,115,415
KY....	.....	190	.....	2,404
LA....	.....	213	.....	2,132
MAINE..	.....	.....	.....	.....
MD....	1	19	6	238
MASS..	.....	21	.....	1,317
MICH..	.....	84	.....	1,735
MINN..	43	75	1,096	3,335
MISS..	9	44	277	794
MO....	1,990	13,543	38,497	228,386
MONT..	.....	53	.....	1,253
NEB....	742	2,016	13,607	20,212
NEV....	.....	15	.....	385
N. H....	.....	23	.....	350
N. J....	.....	76	.....	1,436
N. M....	138	63,570	4,473	543,350
N. Y....	.....	227	.....	5,082
N. C....	2	65	8	599
N. D....	25	23	375	444
OHIO..	12	82	90	1,920
OKLA..	65,418	532,515	1,136,772	4,658,752
ORE....	4	24	154	617
PENN..	1	283	14	5,129
R. I....	.....	8	.....	135
S. C....	21	139	280	1,411
S. D....	10	119	257	1,539
TENN..	22,813	573,384	482,096	5,860,444
TEXAS..	.....	.....	.....	.....
UTAH..	.....	.....	.....	.....
VT....	.....	.....	.....	.....
VA....	9	80	170	1,438
WASH..	.....	4	.....	47
W. VA..	.....	26	.....	467
WIS....	88	425	1,877	8,106
WYO....	.....	17	.....	410

Total. 266,513 1,635,750 5,169,113 17,597,305

MONTHLY PRICES OF WOOL.

The following table gives the United States estimated average price per pound to producers of unwashed wool, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January.....	15.7	18.6	23.3	31.8	58.1
February.....	15.7	20.2	24.2	32.7	57.1
March.....	16.4	22.8	25.9	36.7	60.0
April.....	16.8	22.7	26.3	38.8	60.0
May.....	17.2	22.0	28.0	43.7	58.2
June.....	18.4	23.7	28.7	49.8	57.4
July.....	18.5	24.2	28.6	54.3	57.5
August.....	18.7	23.8	29.0	54.8	57.4
September.....	18.6	23.3	28.4	54.2	59.7
October.....	18.0	22.7	28.7	55.5	57.7
November.....	18.1	22.7	29.4	55.9	56.4
December.....	18.6	23.3	30.8	58.2	56.2
Average.....	17.6	22.5	27.6	47.2	58.0

Bananas were first imported into the United States in 1804 by Captain John N. Chester, of the schooner Reynard, and consisted of thirty bunches.

In the year 1800 Leicester sheep were imported into Canada by Rev. Mr. Toofy, of Quebec.

The Shaker Community at Watervliet, N. Y., made brooms of broom corn in 1798.

Timothy, Clover and Millets.

This is a basic table from the last census, showing the amount of timothy hay, timothy and clover mixed, also straight clover and the millets (including Hungarian grass) grown in the United States in a normal year, as follows:

State.	Timothy, Tons.	Mixed, Tons.	Clover, Tons.	Millets, Tons.
ALA....	4,566	4,169	7,544	15,228
ARIZ....	182	289	119	791
ARK....	35,113	72,190	18,369	14,652
CAL....	20,001	73,183	20,836	2,688
COLO..	33,482	84,636	3,695	35,293
CONN..	82,933	147,896	2,562	4,510
DEL....	22,588	31,387	27,467	1,081
D. C....	287	328	15	4
FLA....	747	1,201	1,618	930
GA....	3,237	4,153	2,266	3,985
IDA....	140,134	99,864	20,944	1,071
ILL....	1,917,572	1,123,254	539,790	46,918
IND....	1,142,218	524,385	314,818	25,147
IA....	1,952,956	3,732,186	195,579	54,346
KAS....	144,536	357,159	79,144	290,661
KY....	353,239	204,865	80,688	35,951
LA....	1,331	4,597	15,287	858
ME....	143,855	559,293	5,753	16,793
MD....	159,690	215,052	32,942	2,819
MASS..	153,622	249,317	3,145	15,270
MICH..	929,165	1,991,618	216,862	16,349
MINN..	1,101,510	1,433,075	106,334	50,363
MISS..	1,620	2,604	12,000	2,390
MO....	1,331,556	1,630,211	309,209	141,626
MONT..	171,030	156,039	24,094	4,742
NEB....	38,729	470,764	46,648	160,684
NEV....	21,395	26,157	120	467
N. H....	63,412	203,106	3,292	9,251
N. J....	146,700	236,490	9,475	1,921
N. M....	3,233	2,650	410	10,637
N. Y....	1,159,083	3,215,021	114,864	31,147
N. C....	16,011	39,050	39,445	3,529
N. D....	197,947	39,724	1,386	149,429
OHIO..	2,348,060	1,346,347	239,492	12,104
OKLA..	9,817	6,355	2,214	75,591
ORE....	67,239	129,278	83,909	1,690
PENN..	1,200,073	1,830,852	74,096	10,675
R. I....	21,392	28,292	295	1,392
S. C....	1,654	237	536	1,579
S. D....	248,927	218,371	4,194	65,844
TENN..	130,334	236,656	201,926	76,311
TEX....	916	468	878	95,353
UTAH..	34,214	24,115	1,793	876
VT....	179,847	628,098	6,640	13,667
VA....	169,881	366,744	63,056	14,589
WASH..	143,461	253,194	21,923	421
W. VA..	278,074	249,986	6,514	8,906
WIS....	1,110,446	2,477,311	193,786	9,851
WYO....	44,655	16,328	808	6,252

Total 17,985,420 24,748,555 3,158,324 1,546,533

SUGAR CANE AREA, 1909-18.

The following acreage is for ribbon cane only—not for sorghum—and is by the United States Department of Agriculture:

State.	Area, 1918, 1900, Prelim. (Census inary).	Area, 1918, 1900, Prelim. (Census inary).
NORTH CAROLINA.....	294	630
SOUTH CAROLINA.....	7,053	7,900
GEORGIA.....	37,046	67,300
FLORIDA.....	12,928	16,300
ALABAMA.....	27,211	81,000
MISSISSIPPI.....	24,861	17,600
LOUISIANA.....	329,684	315,000
TEXAS.....	34,315	25,100
ARKANSAS.....	3,330	3,350
OTHER STATES.....	127	.....
Total United States.....	476,849	533,880

In Lancaster county, Pennsylvania, in 1796, an outbreak of cattle fever was caused by South Carolina cattle being brought in and sold there. First report of splenic cattle fever, afterwards attributed to the ticks in Southern cattle.

In the year 1798 Robert Colling, breeder and improver of Shorthorn cattle, exhibited a beautiful pure-bred heifer, known as "the white heifer that traveled." Estimated live weight, 2,300 pounds.

BEET SUGAR PRODUCTION.

This statement is dated April 1, 1919, and shows the production of sugar beets in the years 1917 and 1918, together with other information of value in the production of sugar beets.

Year.	Area Harvested, Acres.	Beets Worked, Tons.	Average Per Acre, Tons.	Per Ton, \$.	Sugar Made, Tons.
CALIFORNIA.					
1917....	161,909	1,321,716	8.16	7.60	209,325
1918....	100,684	845,728	8.40	9.95	122,795
COLORADO.					
1917....	161,476	1,749,875	10.84	7.28	234,303
1918....	125,882	1,363,277	10.83	10.02	191,880
IDAHO.					
1917....	37,745	286,446	7.59	7.06	38,376
1918....	32,306	236,779	10.12	10.00	44,682
MICHIGAN.					
1917....	82,151	461,721	5.62	8.04	64,247
1918....	114,976	835,768	7.27	10.18	132,092
NEBRASKA.					
1917....	51,337	443,355	8.64	7.22	53,893
1918....	42,746	453,266	10.6	9.96	63,494
OHIO.					
1917....	24,234	202,624	8.36	7.18	24,467
1918....	32,547	291,064	8.94	10.03	35,476
UTAH.					
1917....	80,289	696,522	8.68	7.04	83,662
1918....	81,717	905,064	11.08	10.01	105,794
WISCONSIN.					
1917....	9,800	70,830	7.23	8.81	8,032
1918....	12,400	93,467	7.54	10.00	13,358
OTHER.					
1917....	55,586	392,456	7.03	7.28	48,902
1918....	50,752	408,423	8.05	9.86	55,492
UNITED STATES.					
1912....	555,300	5,224,377	9.41	5.82	692,556
1913....	580,006	5,659,462	9.76	5.69	733,401
1914....	483,400	5,288,500	10.9	5.45	722,054
1915....	611,301	6,150,293	10.1	5.67	874,220
1916....	665,308	5,919,673	8.90	6.12	820,657
1917....	664,797	5,625,545	8.46	7.39	765,207
1918....	594,010	5,523,036	9.30	10.00	765,063

ONE YEAR'S HEMP PRODUCTION.

Hemp growing is not prospering in this country. In 1879 the production was 10,870,720 pounds, and in 1889 it was increased to 25,636,880 pounds, and 24,178,560 pounds of that total were produced in Kentucky. In 1899 the total was reduced to 11,750,630 pounds, and of that amount 10,303,560 pounds were produced in Kentucky. The last census was taken in 1909; the hemp product was reduced to 7,483,295 pounds, and 6,420,232 pounds were produced in Kentucky. The table herewith represents the condition of the industry at the time of the last census.

State.	Farms Report- ing.	No. Acres.	Produc- tion, Pounds.	Value, Dollars.
CALIF.....	2	300	600,000	39,000
COLO.....	3	77	16,300	700
ILL.....	1	...	50	5
IND.....	5	555	395,467	21,755
KY.....	490	6,855	6,420,232	348,386
LA.....	1	...	20	2
ME.....	1	15	25,000	1,250
MD.....	13	...	723	118
MO.....	1	15	5,500	288
N. M.....	1	1	50	12
OKLA.....	2	40	3,530	201
PENN.....	7	...	7,192	387
TENN.....	4	...	121	18
VA.....	2	...	2,600	151
WIS.....	3	7	6,510	426
Total.....	536	7,647	7,483,295	412,699

In the year 1797 letters patent, signed by John Adams, President, were issued in June to Charles Newbold, of New Jersey, who invented the first cast-iron plow ever made in America. Strange to say, the farmers had an idea that the cast-iron plow poisoned the land and promoted the growth of rocks.

Owing to the deficient harvest in the year 1796 and foreign wars, English wheat rose from ordinary price of fifty shillings per quarter to ninety-six shillings per quarter.

CORN ON FARMS.

This is a statement by the United States Department of Agriculture, showing the quantity of corn remaining on farms, March 1, 1917, 1918 and 1919.

State.	1917. Bushels.	1918. Bushels.	1919. Bushels.
ALA....	17,690,000	41,688,000	34,520,000
ARIZ....	77,000	173,000	190,000
ARK....	13,992,000	27,596,000	8,775,900
CALIF....	164,000	360,000	506,000
COLO....	1,914,000	3,724,000	3,320,000
CONN....	813,000	840,000	980,000
DEL....	3,067,000	3,988,000	3,497,000
FLA....	4,305,000	4,800,000	5,632,000
GA....	30,380,000	39,600,000	37,179,000
IDAHO....	81,000	33,000	83,000
ILL....	87,261,000	192,280,000	126,522,000
IND....	54,144,000	82,646,000	57,648,000
IOWA....	110,048,000	151,959,000	131,468,000
KAS....	13,205,000	33,328,000	6,964,000
KY....	36,176,000	51,739,000	34,632,000
LA....	17,029,000	12,312,000	8,880,000
ME....	64,000	105,000	219,000
MD....	11,320,000	13,650,000	11,045,000
MASS....	388,000	576,000	686,000
MICH....	9,075,000	6,020,000	10,626,000
MINN....	19,162,000	20,196,000	34,100,000
MISS....	15,708,000	38,030,000	29,835,000
MO....	31,707,000	101,430,000	36,142,000
MONT....	222,000	101,000	357,000
NEB....	73,112,000	139,709,000	34,664,000
NEV....	3,000	6,000	3,000
N. H....	175,000	211,000	328,000
N. J....	4,104,000	5,613,000	4,804,000
N. M....	394,000	680,000	808,000
N. Y....	3,570,000	5,084,000	7,675,000
N. C....	19,721,000	29,784,000	32,182,000
N. D....	1,487,000	159,000	828,000
OHIO....	31,752,000	61,541,000	38,628,000
OKLA....	10,665,000	6,298,000	2,925,000
OREGON....	134,666	126,000	136,900
PENN....	16,965,000	22,727,000	19,344,000
R. I....	89,000	224,000	240,000
S. C....	12,123,000	22,059,000	19,890,000
S. D....	21,019,000	30,016,000	38,948,000
TENN....	29,640,000	49,068,000	35,280,000
TEXAS....	34,884,000	12,144,000	10,350,000
UTAH....	34,000	70,000	81,300
VT....	310,000	526,000	308,000
VA....	23,460,000	28,350,000	25,760,000
W. VA....	6,094,000	7,200,000	7,688,000
WASH....	183,000	182,000	229,000
WIS....	10,343,000	4,220,000	19,471,000
WYO....	50,000	119,000	300,000
U. S....	782,303,000	1,253,290,000	884,476,000

HAY CROP BALED.

About 23 per cent. of the entire hay crop is baled, according to estimates made by crop reporters of the Bureau of Crop Estimates. It is estimated that about 18,638,000 bales of tame or cultivated hay (24.4 per cent. of the tame-hay crop) and 2,751,000 bales of wild hay (18.1 per cent. of the wild-hay crop) will be baled from this year's crop.

Percentage of Hay Crop Usually Baled.

State.	Per Cent.	State.	Per Cent.
ALABAMA....	48	NEBRASKA....	18
ARIZONA....	53	NEVADA....	20
ARKANSAS....	54	NEW HAMPSHIRE....	10
CALIFORNIA....	39	NEW JERSEY....	20
COLORADO....	22	NEW MEXICO....	50
CONNECTICUT....	5	NEW YORK....	23
DELAWARE....	14	NORTH CAROLINA....	20
FLORIDA....	39	NORTH DAKOTA....	3
GEORGIA....	47	OHIO....	28
IDAHO....	19	OKLAHOMA....	62
ILLINOIS....	31	OREGON....	29
INDIANA....	30	PENNSYLVANIA....	19
IOWA....	12	RHODE ISLAND....	3
KANSAS....	29	SOUTH CAROLINA....	30
KENTUCKY....	45	SOUTH DAKOTA....	8
LOUISIANA....	50	TENNESSEE....	40
MAINE....	20	TEXAS....	63
MARYLAND....	28	UTAH....	17
MASSACHUSETTS....	7	VERMONT....	12
MICHIGAN....	24	VIRGINIA....	25
MINNESOTA....	11	WASHINGTON....	29
MISSISSIPPI....	41	WEST VIRGINIA....	20
MISSOURI....	34	WISCONSIN....	15
MONTANA....	78	WYOMING....	20
Total United States....	23		

In the year 1786 Sea Island cotton introduced in Georgia from the West Indies.

GRAIN STATEMENT.

This is a summary showing the statement of leading grains on farms, shipped out and the price to producers, the basis being March 1, 1917, 1918 and 1919.

1917.	1918.	1919.
Wheat on Farms, March 1—Bushels.		
100,650,000	107,745,000	129,258,000
Per Cent. of Crop.		
15.8	16.9	14.1
Wheat Shipped Out—Bushels.		
361,088,000	325,500,000	538,333,000
Per Cent. of Crop.		
56.7	51.1	58.7
Wheat in Country Mills and Elevators—Bu.		
89,173,000	67,461,000	106,856,000
Per Cent. of Crop.		
14.0	10.7	11.8
Price to Producers Per Bushel.		
161.4	202.7	208.0

CORN.

Corn on Farms, March 1—Bushels.		
782,303,000	1,253,290,000	884,476,000
Per Cent. of Crop.		
30.5	40.9	34.2
Corn Shipped Out—Bushels.		
450,589,000	678,027,000	374,604,000
Per Cent. of Crop.		
17.6	22.1	14.5
Amount of Merchantable Corn—Bushels.		
2,154,487,000	1,837,728,000	2,129,764,000
Per Cent. of Crop.		
85.9	60.0	82.5
Price to Producers Per Bushel.		
100.9	154.3	137.2

OATS.

Oats on Farms March 1—Bushels.		
394,211,000	599,208,000	588,421,000
Per Cent. of Crop.		
31.5	37.6	38.2
Corn Shipped Out March 1—Bushels.		
355,092,000	514,117,000	418,480,000
Per Cent. of Crop.		
28.4	32.3	27.2
Price to Producers Per Bushel.		
56.9	86.2	62.6

BARLEY.

Barley on Farms March 1—Bushels.		
33,244,000	44,419,000	81,899,000
Per Cent. of Crop.		
18.2	21.0	31.9
Barley Shipped Out March 1—Bushels.		
79,257,000	84,056,000	100,151,000
Per Cent. of Crop.		
43.5	39.7	39.1
Price to Producers Per Bushel.		
96.9	161.1	85.4

WHEAT IN COUNTRY MILLS.

This table is of wheat held in country mills on March 1st of 1916, 1917 and 1919.

State.	Bushels. 1916.	Bushels. 1917.	Bushels. 1919.
ILL.....	4,788,000	1,510,000	4,269,000
IND.....	5,925,000	1,944,000	4,448,000
IOWA.....	2,278,000	1,006,000	1,965,000
KY.....	9,588,000	6,859,000	5,100,000
MO.....	2,277,000	1,202,000	2,426,000
MD.....	2,568,000	1,040,000	454,000
MICH.....	3,067,000	1,594,000	857,000
MINN.....	9,922,000	4,226,000	15,942,000
NEB.....	5,457,000	1,989,000	3,721,000
N. D.....	8,014,000	6,018,000	5,595,000
OHIO.....	9,232,000	8,912,000	3,451,000
PENN.....	1,306,000	672,000	706,000
N. Y.....	22,796,000	5,112,000	12,121,000
OKLA.....	4,421,000	2,592,000	4,790,000
PENN.....	4,663,000	2,663,000	1,645,000
PENN.....	3,937,000	4,180,000	3,461,000
S. D.....	8,927,000	2,482,000	12,122,000
TENN.....	1,354,000	631,000	900,000
TEXAS.....	2,813,000	1,452,000	624,000
VA.....	2,546,000	2,438,000	3,120,000
WASH.....	15,940,000	10,161,000	4,229,000
WIS.....	839,000	365,000	1,771,000
All Other.	22,369,000	20,125,000	13,139,000
U. S.....	155,027,000	89,173,000	106,856,000

DIFFERENT COLORED CORN, 1918.

The statement herewith is a useful estimate of the quantity of white, colored and mixed corn grown in each state. The year of the crop is 1918, and the figures are issued by the Bureau of Crop Estimates of the United States Department of Agriculture.

State.	White.	Yellow.	Mixed.
ME.....	304,000	911,000	000
N. H.....	000	1,260,000	000
VT.....	102,000	1,488,000	120,000
MASS.....	270,000	1,248,000	562,000
R. I.....	492,000	57,000	23,000
CONN.....	476,000	1,764,000	560,000
N. Y.....	6,790,000	19,188,000	3,542,000
N. J.....	1,487,000	6,406,000	3,546,000
PENN.....	12,180,000	37,440,000	12,480,000
DEL.....	2,550,000	4,007,000	728,000
MD.....	12,005,000	10,564,000	1,441,000
VA.....	40,320,000	10,080,000	5,600,000
W. VA.....	9,672,000	10,912,000	4,216,000
N. C.....	46,343,000	7,080,000	10,942,000
S. C.....	26,775,000	6,885,000	4,590,000
GA.....	55,769,000	6,885,000	6,196,000
FLA.....	11,264,000	1,126,000	1,690,000
OHIO.....	31,968,000	82,584,000	18,648,000
IND.....	52,562,000	89,863,000	27,129,000
ILL.....	133,551,000	175,725,000	42,174,000
MICH.....	11,592,000	27,531,000	9,177,000
WIS.....	17,384,000	34,770,000	17,384,000
MINN.....	31,900,000	53,900,000	24,200,000
IOWA.....	101,419,000	221,618,000	52,587,000
MO.....	50,867,000	64,253,000	18,740,000
N. D.....	3,586,000	2,943,000	2,667,000
S. D.....	30,293,000	58,421,000	19,474,000
NEB.....	48,004,000	49,234,000	25,848,000
KAS.....	19,585,000	14,798,000	9,140,000
KY.....	59,904,000	20,592,000	13,104,000
TENN.....	60,480,000	10,920,000	12,600,000
ALA.....	48,734,000	7,445,000	11,507,000
MISS.....	48,399,000	8,619,000	9,282,000
LA.....	14,504,000	8,880,000	6,216,000
TEX.....	31,050,000	19,320,000	18,630,000
OKLA.....	10,725,000	5,850,000	7,800,000
ARK.....	22,113,000	7,020,000	5,967,000
MONT.....	462,000	630,000	1,008,000
WYO.....	160,000	300,000	450,000
COLO.....	3,431,000	4,295,000	3,431,000
N. M.....	1,615,000	1,530,000	1,105,000
ARIZ.....	266,000	638,000	48,000
UTAH.....	363,000	328,000	81,000
NEV.....	39,000	19,000	6,000
IDAHO.....	359,000	460,000	101,000
WASH.....	703,000	686,000	245,000
ORE.....	327,000	928,000	109,000
CALIF.....	1,815,000	892,000	268,000
U. S.....	1,065,259,000	1,102,193,000	415,362,000

WHEAT HELD BY COUNTRY MILLS AND ELEVATORS.

Estimates of Wheat Held by Interior Mills and Elevators (as Distinguished From Primary Markets of Large Accumulation) on March 1 of the Past Three Years.

State.	1917. Bushels.	1918. Bushels.	1919. Bushels.
N. Y.....	672,000	617,000	706,000
PENN.....	4,180,000	3,183,000	3,461,000
MD.....	1,040,000	803,000	454,000
VA.....	2,438,000	2,184,000	3,120,000
OHIO.....	2,592,000	3,703,000	4,790,000
IND.....	1,944,000	2,340,000	4,448,000
ILL.....	1,510,000	2,160,000	4,269,000
MICH.....	1,594,000	1,234,000	857,000
WIS.....	365,000	852,000	1,771,000
MINN.....	4,226,000	6,193,000	15,942,000
IOWA.....	1,006,000	668,000	1,965,000
MO.....	1,939,000	2,607,000	3,721,000
N. D.....	5,112,000	1,660,000	12,121,000
S. D.....	2,482,000	4,480,000	12,122,000
NEB.....	8,912,000	8,260,000	3,451,000
KAS.....	6,859,000	1,818,000	5,100,000
KY.....	1,202,000	720,000	2,426,000
OKLA.....	2,663,000	1,070,000	1,645,000
TENN.....	631,000	368,000	900,000
TEXAS.....	1,452,000	486,000	624,000
MONT.....	6,018,000	2,874,000	5,595,000
WASH.....	10,161,000	5,844,000	4,299,000
All Other.....	20,125,000	14,948,000	13,139,000
U. S.....	89,173,000	66,138,000	106,856,000

In the year 1799 Louis Lesson established a trading post at Montrose, in Lee county, Iowa, and planted near his cabin a small orchard of about 100 trees that he brought from St. Charles, Mo. This is the first authentic record of fruit culture in Iowa.

In the year 1797, from the flock of Colonel Gordon, twenty-nine Spanish Merino sheep were taken from Cape Colony, South Africa, to establish the fine wool flocks of New South Wales, Australia.

Production of Dry Peas.

In the year 1899 there were 417,864 farms producing dry peas (very largely known as cowpeas, black-eyed peas, etc.), and ten years later the farms producing was reduced to 261,231. The crop also was reduced from 9,440,210 bushels in 1899 to 7,129,294 bushels in 1909. Cowpeas are often grown on the same land as other crops, therefore the acreage figures are only estimates. As between these two census years there appears to be a great falling off in number of Southern farms growing cowpeas. The inference is that these legume crops are largely turned under as green manure.

State.	1899. Acres.	1899. Bushels.	1909. Farms.	1909. Acres.	1909. Bushels.
ALA.	91,126	665,388	26,905	85,034	418,007
ARIZ.	50	866	15	13	93
ARK.	31,414	245,894	13,821	52,730	229,444
CAL.	2,014	57,299	262	2,959	57,468
COLO.	3,621	47,461	832	24,230	258,281
CONN.	29	462	18	4	72
DEL.	518	4,650	523	1,615	12,521
D. C.					
FLA.	17,875	159,814	2,642	7,144	56,713
G.A.	167,032	1,130,441	34,716	210,315	736,009
IDA.	170	2,506	59	234	4,875
ILL.	12,982	103,386	4,534	14,076	185,020
IND.	533	7,357	1,652	13,082	88,251
IA.	1,556	27,606	183	731	9,007
KAS.	151	2,006	114	825	5,235
KY.	8,394	83,899	1,732	8,465	44,772
LA.	15,190	146,238	6,330	33,150	161,659
ME.	3,300	35,921	1,039	537	4,963
MD.	947	12,459	350	742	5,603
MASS.	122	2,259	58	30	480
MIC.	71,376	1,134,431	18,128	94,932	1,162,403
MINN.	670	9,021	530	835	14,964
MISS.	39,490	590,037	20,021	73,090	285,768
MO.	5,319	54,763	3,462	23,036	109,357
MONT.	1,512	32,265	180	1,184	21,670
NEB.	126	1,586	26	26	169
NEV.	4	85			
N. H.	146	1,533	234	122	984
N. J.	45	806	43	91	883
N. M.	2,220	28,071	1,453	2,485	30,829
N. Y.	14,748	251,889	1,661	4,007	71,486
N. C.	88,407	876,167	39,726	169,934	651,567
N. D.	84	710	103	399	5,543
OHIO	506	7,521	132	323	3,041
OKLA.	455	5,049	1,612	6,245	33,282
PENN.	482	6,363	128	87	989
ORE.	1,304	22,615	155	436	9,344
R. I.	45	910	18	4	73
S. C.	143,070	1,162,705	55,660	265,632	711,853
S. D.	37	452	89	1,783	10,598
TEN.	82,841	760,663	10,175	36,640	133,924
TEX.	33,974	333,462	10,296	46,777	254,361
UTAH.	143	2,694	55	126	3,222
VT.	408	6,945	121	127	1,262
VA.	22,206	219,142	4,462	12,091	66,488
WASH.	357	91,899	915	3,196	91,032
W. VA.	323	3,613	93	232	1,490
WIS.	68,817	1,098,819	15,950	78,017	1,165,053
WYO.	13	232	18	326	9,231

Total 968,376 261,231 7,129,294
Total 9,440,210 1,305,099

The Yield of Flaxseed, 1916.

State.	Yield, Bushels.	Pro- duction, Bushels.	Acres Planted.	Pro- duction, Bushels.
COLO.	9.6	6,000	3,000	25,000
IOWA	10.0	180,000	19,000	210,000
KAS.	5.8	174,000	34,000	248,000
MINN.	8.5	2,338,000	289,000	2,751,000
MO.	7.0	35,000	6,000	56,000
MONT.	9.5	3,088,000	422,000	1,924,000
NEB.	8.0	32,000	5,000	41,000
N. D.	10.3	8,137,000	964,000	4,643,000
S. D.	9.3	1,395,000	195,000	1,418,000
WIS.	12.0	60,000		
WYO.	7.0	14,000	2,000	19,000

U. S. 9.6 15,459,000 1,939,000 11,335,000

Production of Edible Beans.

Growing edible beans, such as navy beans, is largely confined to three states, but all states grow some. In 1899 Florida produced 176,304 bushels, but ten years later the production was only 31,835 bushels. The state of Maine also decreased from 137,290 bushels to 87,565 bushels. On the other hand, New Mexico, Colorado, Idaho, Minnesota and Wisconsin made good gains.

State.	1899. Acres.	1899. Bushels.	1909. Farms.	1909. Acres.	1909. Bushels.
ALA.	1,765	17,865	647	1,557	15,212
ARIZ.	805	6,673	776	2,301	18,457
ARK.	1,490	15,582	538	819	4,080
CAL.	45,861	658,515	3,054	157,987	3,328,218
COLO.	2,634	28,570	1,387	5,040	53,926
CONN.	341	6,428	717	208	2,845
DEL.	100	1,333	102	55	648
D. C.					
FLA.	9,189	176,304	424	2,647	31,835
G.A.	1,927	17,489	1,329	2,947	16,546
IDA.	457	5,886	293	1,915	33,816
ILL.	3,451	30,122	627	1,153	6,866
IND.	2,999	30,171	1,982	1,721	15,238
IA.	2,427	24,903	973	615	5,699
KAS.	848	7,284	58	70	636
KY.	5,633	49,106	14,248	12,434	70,557
LA.	235	3,371	78	311	5,537
ME.	10,252	137,290	15,788	19,341	87,565
MD.	605	4,754	312	196	1,833
MASS.	629	7,939	1,252	446	4,979
MIC.	167,025	1,806,413	55,466	403,669	5,282,511
MINN.	3,290	36,317	4,587	4,697	62,822
MISS.	1,149	11,162	351	1,092	8,727
MO.	4,376	45,467	2,391	1,281	9,385
MONT.	101	1,110	140	342	2,958
NEB.	387	7,669	784	1,173	5,941
NEV.	33	536	15	14	222
N. H.	2,892	29,990	5,523	3,180	22,546
N. J.	201	2,888	291	403	2,947
N. M.	3,349	36,022	4,593	20,766	85,795
N. Y.	129,298	1,360,445	29,181	115,698	1,681,506
N. C.	5,381	49,518	6,574	5,521	35,937
N. D.	270	2,389	394	544	5,073
OHIO	1,828	19,042	2,108	1,130	13,665
OKLA.	755	6,130	224	575	2,520
ORE.	841	11,077	675	562	8,032
PENN.	2,182	23,957	3,326	1,269	12,021
R. I.	216	3,330	252	54	817
S. C.	1,657	14,925	517	1,528	6,825
S. D.	397	4,218	659	809	5,285
TENN.	5,563	48,736	5,312	3,898	19,526
TEX.	2,878	28,129	607	1,846	12,895
UTAH.	176	1,806	208	196	3,352
VT.	2,404	27,172	2,752	2,390	26,359
VA.	6,411	56,189	7,660	4,777	29,435
WASH.	296	3,330	266	353	3,311
W. VA.	5,221	52,815	8,626	8,111	39,794
WIS.	12,989	143,182	5,656	14,574	154,570
WYO.	26	285	211	273	1,876

Total 453,841 185,934 11,251,160
Total 5,064,490 802,991

FLAX SEED CROP—1917.

In 1917 the acreage was large, compared with former years, but the crop was small. It was practically a third of a crop, and entirely due to adverse conditions, which farmers could not overcome.

Flax Seed State.	Planted Acres.	Per Acres.	Produc- tion, Bushels.
COLO.	2,000	7.0	14,000
IOWA	12,000	11.0	132,000
KAS.	34,000	7.0	238,000
MINN.	220,000	9.0	1,980,000
MO.	6,000	8.5	51,000
MONT.	422,000	3.0	1,266,000
NEB.	5,000	5.5	28,000
N. D.	965,000	3.9	3,764,000
S. D.	140,000	7.0	980,000
WYO.	3,000	6.5	20,000
U. S.	1,809,000	4.7	8,473,000

In October of 1801 Mr. Seth Adams, of Massachusetts, imported a Merino ram and ewe from France. He received an award of \$50 from the Agricultural Society of Massachusetts for the importation of a pair of sheep of a superior breed.

WHEAT ON FARMS.

This is a statement by the United States Department of Agriculture, showing the quantity of wheat remaining on farms, March 1, 1917, 1918 and 1919.

State.	1917. Bushels.	1918. Bushels.	1919. Bushels.
ALA....	31,000	56,000	133,000
ARIZ....	93,000	33,000	99,000
ARK....	150,000	499,000	396,000
CALIF..	336,000	520,000	531,000
COLO....	2,020,000	2,843,000	2,134,000
CONN....			
DEL....	372,000	519,000	277,000
FLA....			
GA....	609,000	187,000	436,000
IDAHO..	2,110,000	1,993,000	2,526,000
ILL....	1,510,000	4,319,000	4,879,000
IND....	2,527,000	4,680,000	4,943,000
IOWA....	1,464,000	1,336,000	3,537,000
KAS....	10,778,000	3,635,000	4,080,000
KY....	641,000	1,080,000	1,213,000
LA....			
ME....	40,000	62,000	218,000
MD....	2,080,000	2,869,000	1,475,000
MASS....			
MICH....	2,390,000	2,622,000	1,393,000
MINN....	5,546,000	12,387,000	17,536,000
MISS....	2,000	8,000	59,000
MO....	1,492,000	4,056,000	5,847,000
MONT....	4,871,000	2,515,000	3,815,000
NEB....	15,081,000	2,753,000	5,608,000
NEV....	159,000	182,000	128,000
N. H....			
N. J....	342,000	423,000	340,000
N. M....	274,000	413,000	567,000
N. Y....	1,596,000	1,764,000	1,490,000
N. C....	1,644,000	1,978,000	1,634,000
N. D....	11,011,000	11,760,000	19,192,000
OHIO....	3,456,000	9,051,000	6,532,000
OKLA....	1,775,000	1,782,000	1,645,000
OREGON.	2,737,000	1,255,000	1,523,000
PENN....	4,702,000	6,365,000	5,191,000
R. I....			
S. C....	267,000	121,000	226,000
S. D....	5,958,000	10,304,000	16,400,000
TENN....	788,000	598,000	1,125,000
TEXAS..	924,000	810,000	268,000
UTAH....	1,311,000	1,410,000	1,293,000
VT....	4,000	43,000	139,000
VA....	2,743,000	3,744,000	3,120,000
W. VA..	793,000	1,102,000	988,000
WIS....	630,000	1,172,000	2,558,000
WASH....	4,516,000	3,506,000	2,114,000
WY....	697,000	990,000	1,650,000
U. S....	100,650,000	107,745,000	129,258,000

CRANBERRY PRODUCTION.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA....				96
ARK....				283
CALIF..			53	10,656
CONN....	275	221,472	123	145,408
ILL....	1	1,696	10	13,418
IND....	70	139,520	4	7,552
IA....	1	1,952		
KAS....	1	1,132		
ME....	90	49,728	151	100,192
MASS....	5,128	19,164,992	6,577	22,714,496
MICH....	150	124,288	202	125,536
MINN....	22	35,840	61	22,112
MO....			8	6,944
MONT....				32
NEB....	1	640		
N. H....	23	31,136	109	30,304
N. J....	8,356	7,687,072	9,030	12,072,288
N. M....			1	96
N. Y....	113	348,064	277	327,370
N. C....				1,024
N. D....		32		1,120
OHIO....			3	4,256
ORE....	6	22,784	14	40,864
PENN....			4	5,728
R. I....	300	209,888	70	34,688
S. D....	1	704		288
VT....			1	1,120
VA....			40	18,112
WASH....	5	4,416	5	9,728
WIS....	5,821	3,555,136	1,689	2,549,344
Total	20,364	31,600,512	18,431	38,243,060

In the year 1802 a Pennsylvanian named Murray emigrated to Buncombe county, North Carolina, ten miles southeast of Asheville, and found the Catawba grape growing wild. This grape was brought into general notice by Major John Adlum, of Georgetown, D. C.

OATS ON FARMS.

This is a statement by the United States Department of Agriculture, showing the quantity of oats remaining on farms, March 1, 1917, 1918 and 1919.

State.	1917. Bushels.	1918. Bushels.	1919. Bushels.
ME....	1,613,000	1,044,000	2,366,000
N. H....	89,000	194,000	274,000
VT....	742,000	1,033,000	1,520,000
MASS....	70,000	65,000	125,000
R. I....	10,000	25,000	24,000
CONN....	97,000	261,000	274,000
N. Y....	10,034,000	16,800,000	23,247,000
N. J....	745,000	1,020,000	1,360,000
PENN....	12,260,000	16,905,000	19,348,000
DEL....	22,000	32,000	49,000
MD....	339,000	437,000	594,000
VA....	1,292,000	1,378,000	1,346,000
W. VA..	805,000	878,000	1,296,000
N. C....	887,000	484,000	910,000
S. C....	900,000	360,000	990,000
GA....	2,012,000	616,000	1,560,000
FLA....	135,000	92,000	140,000
OHIO....	14,423,000	28,897,000	28,512,000
IND....	14,700,000	29,723,000	29,768,000
ILL....	56,731,000	100,440,000	17,357,000
MICH....	14,515,000	20,646,000	26,528,000
WIS....	28,490,000	37,620,000	51,776,000
MINN....	28,196,000	44,492,000	56,516,000
IOWA....	67,932,000	109,377,000	103,307,000
MO....	10,320,000	23,088,000	15,911,000
N. D....	21,500,000	12,746,000	26,020,000
S. D....	19,184,000	29,804,000	39,593,000
NEB....	35,145,000	63,494,000	19,666,000
KAS....	10,199,000	21,241,000	14,347,000
KY....	1,134,000	2,337,000	2,591,000
TENN....	933,000	1,812,000	1,950,000
ALA....	1,050,000	605,000	976,000
MISS....	378,000	456,000	560,000
LA....	188,000	169,000	140,000
TEXAS..	6,412,000	3,705,000	2,220,000
OKLA....	2,030,000	3,968,000	5,962,000
ARK....	1,102,000	2,666,000	1,916,000
MONT....	10,032,000	3,400,000	9,180,000
WYO....	2,100,000	3,598,000	5,492,000
COLO....	2,297,000	3,563,000	3,287,000
N. M....	278,000	297,000	227,000
ARIZ....	51,000	80,000	101,000
UTAH....	1,120,000	1,452,000	1,323,000
NEV....	120,000	112,000	85,000
IDAHO..	3,066,000	1,995,000	2,275,000
WASH....	3,432,000	2,810,000	2,427,000
OREGON.	4,666,000	2,281,000	2,256,000
CALIF..	325,000	686,000	728,000
U. S....	394,211,000	599,208,000	588,421,000

CANADIAN CROPS—THREE YEARS.

Herewith we present the acreage and principal farm productions in Canada during three years, 1915, 1916 and 1917. These figures will be specially interesting when the 1918 estimates are available.

AREA.

Crop.	1915. Acres.	1916. Acres.	1917. Acres.
Corn....	253,000	173,000	234,000
Wheat...	15,109,000	15,370,000	14,756,000
Oats....	11,556,000	10,996,000	13,313,000
Barley...	1,718,000	1,803,000	2,392,000
Rye....	122,000	148,000	212,000
Flax....	463,000	658,000	920,000
Potatoes.	486,000	473,000	657,000
Beans....	43,000	32,000	92,000
Peas....	196,000	152,000	199,000

PRODUCTION.

Crop.	1915. Bushels.	1916. Bushels.	1917. Bushels.
Corn....	14,368,000	6,282,000	7,703,000
Wheat...	393,543,000	262,781,000	233,745,000
Oats....	464,954,000	410,211,000	403,010,000
Barley...	54,017,000	42,770,000	55,058,000
Rye....	2,486,000	2,776,000	3,857,000
Flax....	6,114,000	8,260,000	5,935,000
Potatoes.	60,353,000	63,297,000	79,892,000
Beans....	723,000	413,000	1,274,000
Peas....	3,464,000	2,218,000	3,026,000

The McIntosh apple, a winter variety of Northern origin, was discovered by John McIntosh, of Dundela, Ontario, Canada, in 1798.

John Patten removed from Kentucky to Chillicothe, Ohio, in 1800, taking with him some cattle of the English breed which his father had moved from Virginia to Kentucky.

LIVE STOCK ON FARMS.**Totals For Census Years and Showing Comparisons From Year to Year.**

These figures represent the number of horses, mules, dairy cows, stockers and beef cattle, sheep and swine on farms, as shown by the Census and estimated by the United States Department of Agriculture:

Date.	Number.
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DAIRY COWS IN THE U. S.

Census, 1850...	6,385,094
Census, 1860...	8,585,735
Census, 1870...	8,935,332
Census, 1880...	12,443,120
Census, 1890...	16,511,950
Census, 1900...	17,139,674
Census, 1910...	20,625,000
Jan. 1, 1911...	20,823,000
Jan. 1, 1912...	20,699,000
Jan. 1, 1913...	20,497,000
Jan. 1, 1914...	20,737,000
Jan. 1, 1915...	21,262,000
Jan. 1, 1916...	22,108,000
Jan. 1, 1917...	22,894,000
Jan. 1, 1918...	23,284,000
Jan. 1, 1919...	23,467,000

STOCKERS AND BEEF CATTLE.

Census, 1850...	4,393,813
Census, 1860...	17,034,284
Census, 1870...	14,885,276
Census, 1880...	23,382,391
Census, 1890...	34,851,622
Census, 1900...	50,682,662
Census, 1910...	41,178,000
Jan. 1, 1911...	39,679,000
Jan. 1, 1912...	37,260,000
Jan. 1, 1913...	36,030,000
Jan. 1, 1914...	35,855,000
Jan. 1, 1915...	37,067,000
Jan. 1, 1916...	39,812,000
Jan. 1, 1916...	41,689,000
Jan. 1, 1918...	43,546,000
Jan. 1, 1919...	44,399,000

TOTAL CATTLE IN THE U. S.

Census, 1850...	10,778,907
Census, 1860...	25,620,019
Census, 1870...	23,820,608
Census, 1880...	35,825,511
Census, 1890...	51,363,572
Census, 1900...	67,822,336
Census, 1910...	61,803,000
Jan. 1, 1911...	60,502,000
Jan. 1, 1912...	57,959,000
Jan. 1, 1913...	56,527,000
Jan. 1, 1914...	56,592,000
Jan. 1, 1915...	58,329,000
Jan. 1, 1916...	61,920,000
Jan. 1, 1917...	64,583,000
Jan. 1, 1918...	66,830,000
Jan. 1, 1919...	68,866,000

SWINE IN THE U. S.

Census, 1850...	30,354,213
Census, 1860...	33,512,867

SWINE—Continued.

Census, 1870...	25,134,569
Census, 1880...	47,681,700
Census, 1890...	57,425,287
Census, 1900...	62,876,108
Census, 1910...	58,186,000
Jan. 1, 1911...	65,260,000
Jan. 1, 1912...	65,410,000
Jan. 1, 1913...	61,178,000
Jan. 1, 1914...	58,933,000
Jan. 1, 1915...	64,618,000
Jan. 1, 1916...	67,766,000
Jan. 1, 1917...	67,503,000
Jan. 1, 1918...	71,374,000
Jan. 1, 1919...	75,587,000

SHEEP IN THE U. S.

Census, 1850...	21,723,220
Census, 1860...	22,471,275
Census, 1870...	28,477,957
Census, 1880...	35,192,074
Census, 1890...	40,876,312
Census, 1890...	60,503,713
Census, 1910...	52,448,000
Jan. 1, 1911...	53,633,000
Jan. 1, 1912...	52,362,000
Jan. 1, 1913...	51,482,000
Jan. 1, 1914...	49,719,000
Jan. 1, 1915...	49,956,000
Jan. 1, 1916...	48,625,000
Jan. 1, 1917...	47,616,000
Jan. 1, 1918...	48,900,000
Jan. 1, 1919...	49,863,000

HORSES IN THE U. S.

Census, 1850...	4,336,719
Census, 1860...	6,249,174
Census, 1870...	7,145,370
Census, 1880...	10,357,488
Census, 1890...	15,258,783
Census, 1900...	18,250,000
Census, 1910...	19,833,000
Jan. 1, 1911...	20,277,000
Jan. 1, 1912...	20,509,000
Jan. 1, 1913...	20,567,000
Jan. 1, 1914...	20,962,000
Jan. 1, 1915...	21,195,000
Jan. 1, 1916...	21,159,000
Jan. 1, 1917...	21,210,000
Jan. 1, 1918...	21,563,000
Jan. 1, 1919...	21,534,000

MULES IN THE U. S.

Census, 1850...	559,331
Census, 1860...	1,151,148
Census, 1870...	1,215,415
Census, 1880...	1,812,808
Census, 1890...	2,314,785
Census, 1900...	3,271,121
Census, 1910...	4,210,000
Jan. 1, 1911...	4,323,000
Jan. 1, 1912...	4,362,000
Jan. 1, 1913...	4,386,000
Jan. 1, 1914...	4,449,000
Jan. 1, 1915...	4,479,000
Jan. 1, 1916...	4,593,000
Jan. 1, 1917...	4,723,000
Jan. 1, 1918...	4,824,000
Jan. 1, 1919...	4,925,000

DAIRY COWS ON FARMS.

The statement of the number of dairy cows on farms in the United States was furnished by the United States Department of Agriculture in the month of February, 1919. It estimates the number in each state for four years and including 1919. It is gratifying that it shows progress from 20,625,000 in the year 1910 to 23,467,000 in the year 1919.

State.	1916.	1917.	1918.	1919.
ALA...	405,000	405,000	454,000	494,000
ARIZ...	58,000	81,000	85,000	72,000
ARK...	402,000	405,000	430,000	443,000
CALIF.	568,000	591,000	597,000	561,000
COLO.	219,000	237,000	254,000	264,000
CONN.	119,000	121,000	116,000	114,000
DEL...	42,000	43,000	43,000	46,000
FLA...	414,000	418,000	435,000	452,000
GA...	156,000	141,000	143,000	149,000
IDAHO.	126,000	135,000	139,000	139,000
ILL...	1,047,000	1,057,000	1,050,000	1,060,000
IND...	672,000	706,000	713,000	713,000
IOWA...	1,391,000	1,405,000	1,405,000	1,381,000
KAS...	835,000	900,000	945,000	964,000
KY...	406,000	418,000	435,000	444,000
LA...	271,000	309,000	330,000	363,000
MD...	181,000	183,000	181,000	177,000
MASS...	158,000	160,000	162,000	165,000
ME...	159,000	163,000	170,000	175,000
MICH.	847,000	865,000	865,000	848,000
MINN...	1,240,000	1,302,000	1,328,000	1,368,000
MISS...	447,000	475,000	508,000	549,000
MO...	837,000	875,000	910,000	919,000
MONT.	129,000	160,000	179,000	197,000
NEB...	650,000	676,000	676,000	662,000
NEV...	25,000	26,000	28,000	29,000
N. H...	97,000	98,000	102,000	107,000
N. J...	132,000	155,000	150,000	150,000
N. M...	76,000	85,000	88,000	84,000
N. Y...	1,539,000	1,539,000	1,508,000	1,478,000
N. C...	321,000	315,000	309,000	315,000
N. D...	373,000	425,000	425,000	429,000
OHIO...	922,000	950,000	1,000,000	1,030,000
OKLA.	519,000	535,000	567,000	561,000
ORE...	216,000	225,000	227,000	222,000
PENN.	971,000	980,000	960,000	979,000
R. I...	22,000	22,000	21,000	20,000
S. D...	485,000	524,000	555,000	561,000
S. C...	189,000	189,000	193,000	203,000
TENN.	366,000	366,000	373,000	380,000
TEX...	1,119,000	1,175,000	1,128,000	1,060,000
UTAH.	96,000	91,000	96,000	101,000
VT...	273,000	281,000	290,000	281,000
VA...	359,000	373,000	400,000	424,000
WASH.	263,000	263,000	240,000	216,000
W. VA.	241,000	245,000	245,000	243,000
WIS...	1,675,000	1,750,000	1,785,000	1,803,000
WYO...	50,000	60,000	65,000	72,000

U. S. 22,108,000 22,894,000 23,310,000 23,467,000

MONTHLY PRICES OF MILCH COWS.

The following table gives the United States estimated average price per head to producers of milch cows, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January...	\$57.99	\$58.47	\$57.79	\$63.92	\$76.51
February...	59.09	57.99	57.99	65.93	78.36
March...	59.23	58.00	59.51	68.46	80.71
April...	59.60	57.78	60.68	72.09	82.45
May...	59.85	58.29	60.98	72.78	83.46
June...	59.82	58.59	61.63	72.87	79.29
July...	59.67	60.31	62.04	72.81	84.97
August...	60.72	58.34	61.32	72.53	84.06
September.	59.58	58.38	61.41	73.93	85.21
October...	59.53	58.76	62.19	75.79	85.41
November...	58.77	57.35	62.67	75.00	84.51
December..	58.23	56.79	63.18	76.16	85.73

Average.. \$50.34 \$58.25 \$60.95 \$71.86 \$82.56

GRAIN CROPS OF SPAIN.

The United States Department of Agriculture, in February, 1919, published the following in regard to the crops of Spain.

Crop.	1916.	1917.	1918.
Wheat....	152,329,000	142,674,000	135,709,000
Barley....	86,863,000	77,957,000	90,496,000
Oats.....	32,163,000	33,061,000	30,474,000
Rye.....	28,782,000	24,203,000	30,445,000
Corn.....	28,642,000	29,369,000	24,141,000
Total...	328,779,000	307,264,000	311,265,000

One of the earliest seed farms was established at Enfield, N. H., in the year 1795.

BEEF CATTLE ON FARMS.

The statement of the number of "other" cattle on farms is a statement of beef cattle, cows, calves and yearlings outside of dairy cows, which are enumerated separately. The enumeration was published by the United States Department of Agriculture in February, 1919, and estimates are for the four years, thus showing changes from year to year. We are six millions short of the previous high total in 1900.

State.	1916.	1917.	1918.	1919.
ALA...	534,000	534,000	760,000	851,000
ARIZ...	838,000	864,000	1,100,000	1,100,000
ARK...	523,000	560,000	640,000	678,000
CALIF.	1,558,000	1,636,000	1,701,000	1,650,000
COLO.	1,096,000	1,200,000	1,272,000	1,361,000
CONN.	72,000	73,000	76,000	75,000
DEL...	21,000	21,000	23,000	23,000
FLA...	809,000	865,000	891,000	936,000
GA...	686,000	686,000	727,000	763,000
IDAHO.	406,000	465,000	488,000	537,000
ILL...	1,239,000	1,251,000	1,314,000	1,367,000
IND...	728,000	735,000	757,000	780,000
IOWA...	2,737,000	2,754,000	2,919,000	2,861,000
KAS...	2,160,000	2,200,000	2,354,000	2,401,000
KY...	570,000	570,000	581,000	599,000
LA...	475,000	525,000	600,000	690,000
ME...	105,000	112,000	127,000	142,000
MD...	125,000	125,000	134,000	135,000
MASS...	85,000	88,000	93,000	100,000
MICH.	735,000	730,000	752,000	729,000
MINN...	1,275,000	1,400,000	1,600,000	1,632,000
MISS...	535,000	575,000	644,000	708,000
MO...	1,555,000	1,650,000	1,782,000	1,782,000
MONT.	894,000	1,000,000	1,020,000	1,026,000
NEB...	2,237,000	2,525,000	2,940,000	2,940,000
NEV...	472,000	470,000	517,000	533,000
N. H...	63,000	63,000	70,000	74,000
N. J...	73,000	74,000	70,000	74,000
N. Y...	1,090,000	1,145,000	1,250,000	1,325,000
N. M...	939,000	939,000	930,000	911,000
N. C...	375,000	364,000	375,000	379,000
N. D...	577,000	650,000	630,000	612,000
OHIO...	872,000	900,000	1,080,000	1,102,000
OKLA.	1,186,000	1,300,000	1,430,000	1,444,000
ORE...	553,000	610,000	683,000	703,000
PENN.	657,000	664,000	717,000	731,000
R. I...	11,000	11,000	12,000	13,000
S. C...	215,000	215,000	232,000	244,000
S. D...	1,064,000	1,250,000	1,438,000	1,496,000
TENN...	518,000	528,000	554,000	587,000
TEX...	5,428,000	5,482,000	4,660,000	3,961,000
UTAH.	408,000	408,000	457,000	480,000
VT...	170,000	172,000	185,000	194,000
VA...	472,000	486,000	530,000	567,000
WASH.	255,000	280,000	320,000	307,000
W. VA.	362,000	369,000	373,000	366,000
WIS...	1,315,000	1,340,000	1,394,000	1,436,000
WYO...	750,000	825,000	910,000	1,000,000

U. S. 39,812,000 41,689,000 44,112,000 44,399,000

MONTHLY PRICES OF BEEF CATTLE.

The following table gives the United States estimated average price per 100 pounds to producers of beef cattle, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January...	\$6.04	\$5.99	\$5.85	\$6.86	\$ 8.33
February...	6.16	5.93	5.99	7.36	8.55
March...	6.28	5.92	6.37	7.91	8.85
April...	6.29	5.96	6.66	8.57	9.73
May...	6.33	6.13	6.73	8.70	10.38
June...	6.32	6.20	6.91	8.65	10.40
July...	6.38	6.07	6.78	8.30	10.07
August...	6.47	6.18	6.51	8.17	9.71
September.	6.38	6.06	6.55	8.40	9.63
October...	6.23	6.04	6.37	8.35	9.33
November...	6.02	5.85	6.44	8.21	9.14
December..	6.01	5.75	6.56	8.24	9.28

Average. \$6.24 \$6.01 \$6.48 \$8.14 \$ 9.45

A GRAPE INCIDENT.

A French traveler named Volney went to see all the American vineyards he could hear of in 1794, even so far as Kaskaskia, on the Mississippi river, where he was informed that the Jesuits had planted a vineyard, but that the French government had ordered or influenced its destruction to prevent French grapes growing in America.

Mr. John Ellman, of Glynde, Sussex, England, called a meeting at the town of Lewes, in 1796, to collect money for prizes to be awarded successful breeders, which action led to the formation of the Sussex Agricultural Society.

SWINE ON FARMS.

This statement of the number of hogs on farms in the United States with a four-year progression was issued in February, 1919, by the United States Department of Agriculture. It shows that, notwithstanding the heavy marketing of hogs during the war period, the end of the war finds us with the largest number of hogs on hand in the history of the country.

State.	1916.	1917.	1918.	1919.
ALA.	1,715,000	1,850,000	2,128,000	2,223,000
ARIZ.	40,000	30,000	64,000	58,000
ARK.	1,589,000	1,550,000	1,643,000	1,725,000
CALIF.	947,000	994,000	974,000	1,003,000
COLO.	320,000	352,000	387,000	406,000
CONN.	59,000	58,000	64,000	85,000
DEL.	61,000	58,000	64,000	71,000
FLA.	996,000	1,109,000	1,375,000	1,512,000
GA.	2,348,000	2,585,000	2,766,000	3,045,000
IDAHO.	344,000	292,000	219,000	208,000
ILL.	1,489,000	1,444,000	1,511,000	1,574,000
IND.	4,010,000	3,970,000	4,168,000	4,668,000
INDE.	9,009,000	9,370,000	10,307,000	10,925,000
KAS.	2,815,000	2,535,000	2,560,000	2,331,000
KY.	1,709,000	1,589,000	1,637,000	1,768,000
LA.	1,553,000	1,584,000	1,568,000	1,599,000
ME.	102,000	100,000	100,000	110,000
MD.	359,000	359,000	388,000	434,000
MASS.	112,000	112,000	113,000	147,000
MICH.	1,462,000	1,315,000	1,278,000	1,355,000
MINN.	1,716,000	2,075,000	2,400,000	2,784,000
MISS.	1,617,000	1,398,000	1,902,000	2,282,000
MO.	4,505,000	4,280,000	4,494,000	4,943,000
MONT.	298,000	269,000	215,000	200,000
NEB.	4,266,000	4,200,000	4,250,000	4,250,000
NEV.	40,000	37,000	37,000	40,000
N. H.	55,000	53,000	56,000	66,000
N. M.	91,000	101,000	86,000	93,000
N. Y.	799,000	759,000	775,000	814,000
N. J.	161,000	163,000	174,000	209,000
N. C.	1,550,000	1,450,000	1,400,000	1,546,000
N. D.	706,000	650,000	507,000	456,000
OHIO.	3,713,000	3,527,000	3,878,000	4,266,000
OKL.	1,491,000	1,325,000	1,219,000	1,036,000
ORE.	370,000	315,000	323,000	348,000
PA.	1,210,000	1,174,000	1,291,000	1,420,000
R. I.	15,000	14,000	16,000	14,000
S. C.	870,000	920,000	960,000	1,056,000
S. D.	1,314,000	1,432,000	1,504,000	1,654,000
TENNI.	1,531,000	1,485,000	1,634,000	1,965,000
TEX.	3,197,000	3,229,000	2,900,000	2,820,000
UTAH.	112,000	101,000	102,000	123,000
VT.	113,000	113,000	118,000	125,000
VA.	1,023,000	1,023,000	1,042,000	1,134,000
WASH.	314,000	283,000	283,000	317,000
W. VA.	378,000	380,000	422,000	439,000
WIS.	2,142,000	2,060,000	2,019,000	2,181,000
WYO.	70,000	60,000	55,000	63,000

U. S. 67,766,000 67,503,000 70,978,000 75,587,000

MONTHLY PRICES OF HOGS.

The following table gives the United States estimated average price per 100 pounds to producers of hogs, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January...	\$7.45	\$6.57	\$6.32	\$ 9.16	\$15.26
February...	7.75	6.34	7.07	10.33	15.93
March.....	7.80	6.33	7.36	12.32	15.58
April.....	7.80	6.48	8.21	13.61	15.76
May.....	7.60	6.77	8.37	13.72	15.84
June.....	7.23	6.80	8.21	13.50	15.37
July.....	7.72	6.84	8.40	13.35	15.58
August.....	8.11	6.61	8.61	14.24	16.89
September.	8.11	6.79	9.22	15.69	17.50
October....	7.43	7.18	8.67	16.15	16.50
November.	7.00	6.35	8.74	15.31	15.92
December.	7.67	6.02	8.76	15.73	15.82

Average, \$7.57 \$6.59 \$8.20 \$13.59 \$15.92

In the year 1799 Mr. John Westcar, of Creslow, Bucks, England, commenced attending and exhibiting Hereford cattle at Fairs. He won twenty-one first prizes in succession at the Smithfield Cattle Show.

Matthew Patten removed from Hardy county, Virginia, to Kentucky, in 1794, and carried with him some English cattle which he had bought of a Mr. Goff, of Maryland.

A communication to the Massachusetts Agricultural Society in 1801 contained the germ of a movement in behalf of agriculture, resulting in the holding of Fairs. It was recommended that "small bounties be given for certain articles."

SHEEP ON FARMS.

This statement of the number of sheep on farms in the United States with the changes in four years was issued February, 1919, by the United States Department of Agriculture. It shows some recent increase in sheep raising, but it must be remembered that we had 10,000,000 more sheep thirty years ago.

State.	1916.	1917.	1918.	1919.
ALA.	119,000	121,000	131,000	140,000
ARIZ.	1,700,000	1,632,000	1,550,000	1,400,000
ARK.	124,000	124,000	134,000	147,000
CALIF.	2,450,000	2,524,000	2,776,000	2,943,000
COLO.	1,839,000	1,950,000	2,350,000	2,303,000
CONN.	18,000	18,000	20,000	24,000
DEL.	8,000	8,000	10,000	10,000
FLA.	119,000	119,000	120,000	120,000
GA.	161,000	150,000	144,000	144,000
IDAHO	3,120,000	3,170,000	3,202,000	3,234,000
ILL.	907,000	898,000	902,000	1,028,000
IND.	1,005,000	950,000	998,000	1,098,000
IOWA.	1,240,000	1,200,000	1,224,000	1,322,000
KAS.	341,000	348,000	418,000	460,000
KY.	1,155,000	1,155,000	1,213,000	1,274,000
LA.	185,000	240,000	209,000	230,000
ME.	160,000	157,000	163,000	173,000
MD.	223,000	223,000	234,000	246,000
MASS.	26,000	25,000	26,000	28,000
MICH.	1,931,000	1,834,000	1,926,000	2,119,000
MINN.	536,000	541,000	568,000	642,000
MISS.	208,000	193,000	174,000	183,000
MO.	1,416,000	1,370,000	1,466,000	1,539,000
MONT.	3,941,000	3,500,000	3,045,000	2,984,000
NEB.	374,000	381,000	408,000	367,000
NEV.	1,332,000	1,455,000	1,505,000	1,520,000
N. H.	35,000	35,000	37,000	39,000
N. J.	29,000	29,000	28,000	29,000
N. M.	3,440,000	3,300,000	3,135,000	3,135,000
N. Y.	849,000	800,000	800,000	840,000
N. C.	155,000	140,000	137,000	138,000
N. D.	240,000	240,000	252,000	265,000
OHIO.	3,067,000	2,944,000	2,950,000	2,980,000
OKLA.	95,000	104,000	114,000	125,000
ORE.	2,435,000	2,400,000	2,448,000	2,497,000
PENN.	835,000	830,000	913,000	959,000
R. I.	6,000	5,000	6,000	7,000
S. C.	30,000	30,000	30,000	29,000
S. D.	604,000	625,000	750,000	810,000
TENN.	650,000	600,000	550,000	567,000
TEX.	2,156,000	2,328,000	2,188,000	2,232,000
UTAH.	2,089,000	2,089,000	2,340,000	2,410,000
VT.	100,000	100,000	104,000	107,000
VA.	700,000	686,000	692,000	713,000
WASH.	538,000	585,000	661,000	780,000
W. VA.	715,000	731,000	731,000	789,000
WIS.	664,000	645,000	654,000	716,000
WYO.	4,338,000	4,100,000	4,100,000	4,018,000

U. S. 48,625,000 47,616,000 48,603,000 49,863,000

MONTHLY PRICES OF SHEEP.

The following table gives the United States estimated average price per 100 pounds to producers of sheep, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January...	\$4.67	\$4.95	\$5.52	\$ 7.33	\$10.55
February...	4.67	5.14	5.90	8.17	10.75
March.....	4.77	5.36	6.35	9.21	11.41
April.....	4.96	5.60	6.61	9.69	11.98
May.....	4.87	5.54	6.66	10.15	12.32
June.....	4.70	5.43	6.54	9.84	11.56
July.....	4.75	5.35	6.33	9.32	11.01
August.....	4.37	5.16	6.22	9.33	10.99
September.	4.80	5.06	6.25	10.25	10.79
October....	4.81	5.18	6.20	10.24	10.85
November.	4.68	5.18	6.41	10.20	10.11
December.	4.95	5.38	6.77	10.44	9.16

Average, \$4.79 \$5.28 \$6.31 \$ 9.50 \$10.94

TUNIS SHEEP IMPORTED.

The first Tunis sheep were imported into this country from Africa by Gen. Wm. Eaton, United States Consul. He sent ten head on the ship Sophia, bound for the United States, in 1799. One ram and one ewe only survived the voyage. This pair was bred under care of Judge Richard Peters, of Belmont, near Philadelphia, until he had a fine flock. The imported pair were finally killed by dogs, the ewe raising her last lamb at the age of sixteen years.

A GARDENING BOOK.

One of the earliest works on horticultural subjects published in North America was an American edition of "Marshall's Introduction to the Knowledge and Practice of Gardening," issued in Boston in 1799.

HORSES ON FARMS IN UNITED STATES.

Notwithstanding large exports of horses and the number of mares annually devoted to keeping up the supply of mules, the horses of the United States have increased from 19,833,000 in the year 1910 to 21,534,000 head in January, 1919. The statement of the horses on farms in the United States was furnished by the United States Department of Agriculture in February, 1919, and shows that horses in the United States did not decrease during the war period.

State.	1916.	1917.	1918.	1919.
ALA...	150,000	150,000	153,000	155,000
ARK...	124,000	129,000	135,000	136,000
ARIZ...	270,000	270,000	272,000	267,000
CALIF.	493,000	468,000	468,000	435,000
COLO...	361,000	380,000	399,000	419,000
CONN.	46,000	46,000	45,000	44,000
DEL...	36,000	36,000	36,000	35,000
FLA...	59,000	60,000	62,000	62,000
GA...	125,000	127,000	130,000	131,000
IDAHO.	241,000	250,000	265,000	276,000
ILL...	1,452,000	1,452,000	1,467,000	1,467,000
IND...	854,000	845,000	837,000	829,000
IOWA.	1,584,000	1,552,000	1,583,000	1,567,000
KAS...	1,109,000	1,120,000	1,142,000	1,153,000
KY...	434,000	434,000	443,000	439,000
LA...	193,000	195,000	207,000	213,000
ME...	109,000	109,000	108,000	107,000
MD...	169,000	169,000	171,000	171,000
MASS...	60,000	59,000	57,000	54,000
MICH...	680,000	680,000	673,000	666,000
MINN...	890,000	925,000	950,000	950,000
MISS...	243,000	243,000	253,000	256,000
MO...	1,060,000	1,020,000	1,040,000	1,040,000
MONT.	430,000	460,000	506,000	557,000
NEB...	1,028,000	1,018,000	1,049,000	1,049,000
NEV...	77,000	73,000	75,000	75,000
N. H...	44,000	44,000	43,000	42,000
N. J...	92,000	92,000	90,000	89,000
N. M...	234,000	250,000	272,000	261,000
N. Y...	609,000	609,000	590,000	578,000
N. D...	185,000	185,000	187,000	181,000
N. C...	801,000	825,000	842,000	850,000
OHIO.	901,000	892,000	900,000	891,000
OKLA.	743,000	730,000	737,000	744,000
ORE...	295,000	300,000	300,000	303,000
PENN.	602,000	596,000	590,000	578,000
R. I...	9,000	8,000	8,000	8,000
S. C...	84,000	85,000	80,000	82,000
S. D...	759,000	780,000	811,000	827,000
TENN.	349,000	350,000	350,000	357,000
TEX...	1,180,000	1,200,000	1,212,000	1,164,000
UTAH.	146,000	128,000	145,000	148,000
VT...	89,000	89,000	88,000	88,000
VA...	361,000	361,000	365,000	369,000
WASH.	308,000	300,000	300,000	303,000
W. VA.	194,000	196,000	196,000	194,000
WYO...	712,000	715,000	708,000	694,000
WYO...	185,000	195,000	215,000	230,000

U. S. 21,159,999 21,210,000 21,555,000 21,534,000

MONTHLY PRICES OF HORSES.

The following table gives the United States estimated average price per head to producers of horses, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January.....	\$137.	\$130	\$128	\$129	\$130
February.....	139	132	129	131	133
March.....	138	132	131	133	137
April.....	138	132	133	136	137
May.....	139	133	134	138	136
June.....	136	132	132	137	135
July.....	137	134	133	135	132
August.....	135	131	131	132	131
September....	132	131	131	132	123
October.....	131	129	130	130	126
November.....	130	127	129	129	122
December.....	130	126	129	129	121

Average..... \$135 \$131 \$131 \$133 \$131

In the year 1795 Sieur Etienne De Bore, of Louisiana, announced that he had discovered a process necessary to obtain grained sugar. He demonstrated it on his plantation.

On December 7th, in the year 1796, in his message to Congress, President Washington recommended pecuniary encouragement for the establishment of institutions to promote agricultural interests.

In the year 1801 Edwin Hammond was born; died 1870; great improver of Atwood Merino sheep.

MULES ON FARMS IN UNITED STATES.

The statement of the number of mules on the farms of the United States and covering four years, including 1919, was issued by the Department of Agriculture in February. Notwithstanding large exports, the number of mules in the United States advanced from 4,210,000 in the year 1910 to 4,925,000 head in 1919.

State.	1916.	1917.	1918.	1919.
ALA...	281,000	278,000	289,000	304,000
ARK...	7,000	8,000	9,000	9,000
ARIZ...	240,000	255,000	292,000	315,000
CALIF.	70,000	70,000	66,000	63,000
COLO...	19,000	24,000	30,000	31,000
DEL...	6,000	6,000	6,000	6,000
FLA...	29,000	31,000	34,000	35,000
GA...	315,000	324,000	334,000	344,000
IDAHO.	4,000	4,000	4,000	4,000
ILL...	152,000	150,000	150,000	147,000
IND...	95,000	95,000	95,000	94,000
IOWA...	61,000	68,000	69,000	68,000
KAS...	255,000	275,000	280,000	260,000
KY...	229,000	224,000	224,000	231,000
LA...	132,000	139,000	156,000	164,000
MD...	25,000	25,000	25,000	25,000
MICH...	4,000	4,000	4,000	4,000
MINN...	6,000	6,000	6,000	6,000
MISS...	292,000	292,000	307,000	316,000
MO...	340,000	360,000	367,000	374,000
MONT.	4,000	5,000	5,000	5,000
NEB...	98,000	112,000	118,000	109,000
NEV...	3,000	3,000	3,000	3,000
N. J...	4,000	4,000	4,000	4,000
N. M...	17,000	19,000	19,000	20,000
N. Y...	4,000	5,000	6,000	6,000
N. C...	200,000	205,000	210,000	208,000
N. D...	9,000	9,000	9,000	9,000
OHIO.	26,000	26,000	27,000	28,000
OKLA.	282,000	276,000	280,000	288,000
ORE...	10,000	10,000	10,000	10,000
PENN...	47,000	48,000	48,000	48,000
S. C...	171,000	174,000	185,000	194,000
S. D...	15,000	15,000	16,000	16,000
TENN.	272,000	270,000	273,000	278,000
TEX...	768,000	800,000	808,000	792,000
UTAH...	2,000	2,000	2,000	2,000
VA...	64,000	64,000	65,000	66,000
WASH.	17,000	19,000	19,000	20,000
W. VA.	12,000	12,000	12,000	12,000
WIS...	3,000	3,000	3,000	3,000
WYO...	3,000	4,000	4,000	4,000

U. S.... 4,593,000 4,723,000 4,873,000 4,925,000

MONTHLY PRICES OF VEAL CALVES.

The following table gives the United States estimated average price per 100 pounds to producers of veal calves, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January....	\$7.89	\$7.66	\$7.67	\$ 9.15	\$11.16
February....	7.90	7.62	7.87	9.88	11.17
March.....	7.92	7.50	8.11	9.94	11.33
April.....	7.68	7.31	8.00	10.49	11.71
May.....	7.59	7.35	8.08	10.48	11.52
June.....	7.69	7.53	8.39	10.60	11.88
July.....	7.80	7.87	8.54	10.77	12.33
August....	8.08	7.75	8.59	10.56	12.22
September.	8.06	7.80	8.77	11.08	12.57
October....	7.97	7.91	8.59	11.10	12.35
November.	7.78	7.69	8.60	10.66	11.94
December.	7.61	7.61	8.79	10.98	12.31

Average. \$7.83 \$7.63 \$8.33 \$10.47 \$11.88

CROP OF PEANUTS—1918.

The peanut crop of 1918 is estimated at 71,460,000 bushels, the largest crop being in the state of Alabama. The early estimate was larger, but the 1918 crop is the largest on record.

State.	Planted, Acres.	Per Cent. of 1917.	Production, Bushels.
ALA.....	643,000	119	20,576,000
ARK.....	97,000	115	3,327,000
FLA.....	153,000	264	5,834,000
GA.....	314,000	123	14,484,000
MISS.....	5,000	82	162,000
MO.....	400	102	1,000
N. C.....	145,000	95	5,295,000
OKLA.....	20,000	154	530,000
S. C.....	14,000	90	638,000
TENN.....	17,000	113	729,000
TEXAS...	647,000	110	15,916,000
VA.....	157,000	95	6,005,000

U. S..... 2,212,400 117 71,460,000

Chickens and Turkeys.

In the year 1900, in the United States, there were 233,566,021 chickens counted by the census enumerators, and in 1910 the number of chickens was increased to 280,345,133. In the year 1910 chickens were raised on 5,578,525 farms, which is 87.7 per cent. of all farms. In the year 1900 there were 6,594,695 turkeys in the United States, but in 1910 the number was reduced to 3,668,708. In the year 1910 turkeys were on 871,123 farms, which is 13.7 per cent. of all farms.

State.	Farms Report- ing.	Chickens, Number.	Farms Report- ing.	Turkeys, Number.
ALA....	221,103	4,539,066	23,580	84,487
ARIZ....	5,020	252,657	836	5,438
ARK....	183,880	5,132,770	20,955	83,550
CALIF....	66,063	5,666,054	11,927	116,602
COLO....	34,433	1,644,578	5,692	26,430
CONN....	23,163	1,218,128	905	3,911
DEL....	10,000	785,591	2,119	8,181
D. C....	159	7,405	6	29
FLA....	40,637	1,239,680	4,672	22,871
GA....	244,453	4,890,069	23,128	79,634
IDAHO....	23,412	1,012,431	2,975	14,274
ILL....	237,074	20,563,890	43,326	189,418
IND....	202,321	13,216,152	48,180	202,977
IA....	204,574	22,691,670	26,866	124,164
KAS....	162,094	15,266,250	22,796	104,421
KY....	231,031	8,000,457	46,920	188,292
LA....	98,304	3,259,087	12,473	53,251
ME....	46,185	1,704,900	915	2,948
MD....	46,008	2,650,750	14,728	60,260
MASS....	46,008	2,650,750	14,728	60,260
MICH....	189,320	9,698,439	20,710	81,263
MINN....	142,582	10,293,849	31,750	147,335
MISS....	221,153	4,563,464	22,226	92,448
MO....	259,457	19,910,562	67,522	311,575
MONT....	17,595	922,540	3,481	16,475
NEB....	115,512	9,010,945	8,292	32,364
NEV....	1,977	126,599	478	2,839
N. H....	20,868	903,413	489	1,949
N. J....	30,078	2,012,842	2,379	31,778
N. M....	19,496	509,892	1,597	7,308
N. Y....	192,848	7,312,386	25,064	104,957
N. C....	223,158	4,566,928	16,690	70,009
N. D....	61,452	3,095,026	14,040	62,261
OHIO....	253,614	9,011,144	43,019	162,664
OKLA....	168,464	8,014,945	27,929	120,324
ORE....	37,080	1,753,732	4,434	26,689
PENN....	205,032	11,896,124	40,126	136,942
R. I....	4,335	392,704	161	1,100
S. C....	136,487	2,694,970	19,454	64,396
S. D....	61,492	4,924,349	10,832	51,902
TENN....	222,448	7,341,473	32,016	118,514
TEX....	356,877	12,719,592	76,429	363,666
UTAH....	17,424	673,662	1,684	7,996
VT....	27,464	911,781	2,456	11,693
VA....	169,991	5,684,703	39,024	148,386
WASH....	44,867	2,204,171	3,557	16,049
W. VA....	89,099	3,106,907	18,762	71,072
WIS....	163,043	9,142,719	15,764	65,020
WYO....	7,047	324,984	1,333	5,883
Total.	5,578,525	280,345,133	871,123	3,668,708

Ducks and Geese.

In the year 1900 the enumerators of the census reported 4,785,850 ducks in the United States, but in 1910 the number was reduced to 2,906,525. In 1910 there were 503,704 farms raising ducks, which is 7.9 per cent. of all farms. In 1900 the total of geese was 5,676,788 and the total of 1910 was 4,431,980, there being 662,324 farms raising geese, which is 10.4 per cent. of all farms. Herewith we present the statement of ducks and geese according to the last census.

State.	Farms Deport- ing.	Number of Ducks.	Farms Deport- ing.	Number of Geese.
ALA....	10,094	59,227	17,992	142,519
ARIZ....	295	1,824	87	701
ARK....	18,323	109,483	38,095	343,995
CALIF....	3,606	40,061	760	14,195
COLO....	2,486	12,250	1,053	4,455
CONN....	1,748	9,813	958	4,200
DEL....	1,884	9,790	1,019	5,111
D. C....	17	127	1	40
FLA....	823	6,218	2,985	29,556
GA....	7,515	42,221	18,194	171,625
IDAHO....	1,790	8,900	8,842	8,842
ILL....	37,433	201,505	42,763	226,546
IND....	19,427	121,306	21,734	139,081
IOWA....	40,771	225,284	44,495	215,231
KAS....	18,417	114,032	17,466	95,232
KY....	16,651	98,706	43,380	399,932
LA....	7,671	51,473	14,167	121,534
ME....	1,519	6,311	1,057	4,021
MD....	8,753	50,232	4,909	23,606
MASS....	1,888	23,153	896	12,313
MICH....	14,214	54,723	18,180	66,792
MINN....	23,692	94,269	27,866	105,161
MISS....	10,118	44,228	28,613	236,791
MO....	25,047	155,129	44,777	365,866
MONT....	1,630	8,243	7,013	7,013
NEB....	17,672	92,524	20,604	89,128
NEV....	221	1,139	510	510
N. H....	694	3,572	356	1,438
N. J....	3,972	39,441	1,900	9,166
N. M....	557	2,693	151	779
N. Y....	16,634	106,488	7,047	29,310
N. C....	13,396	75,786	29,139	258,205
N. D....	10,131	39,938	8,009	30,456
OHIO....	21,288	106,958	24,121	112,706
OKLA....	16,462	112,986	13,824	113,594
ORE....	1,976	10,757	842	14,100
PENN....	23,502	163,777	13,402	46,321
R. I....	458	4,519	266	2,725
S. C....	3,633	15,653	8,125	59,664
S. D....	16,281	87,544	13,623	59,991
TENN....	21,922	142,292	41,906	366,687
TEX....	14,007	74,910	26,809	244,997
UTAH....	891	3,782	609	2,938
VT....	1,252	4,561	677	2,505
VA....	16,561	94,451	12,460	79,093
WASH....	2,558	13,179	586	14,858
W. VA....	6,776	35,676	10,447	72,972
WIS....	16,434	61,180	25,287	93,782
WYO....	744	3,411	1,708	1,708
Total.	503,704	2,906,525	662,324	4,431,980

MARKETINGS BY PERCENTAGE.

WHEAT.	Per Cent. of Year's Sales.				
	1917-	1916-	1915-	1914-	1913-
Month.	18.	17.	16.	15.	14.
July.....	7.4	13.3	7.1	17.5	16.3
August.....	12.4	17.9	11.0	13.3	13.4
September....	19.3	16.8	14.4	15.5	14.3
October.....	18.0	14.1	14.5	12.5	12.8
November....	13.7	9.7	12.4	10.3	9.7
December....	7.6	5.6	11.0	7.5	7.6
January.....	4.7	7.2	6.8	5.1	6.7
February....	3.9	3.3	6.8	5.7	4.8
March.....	3.7	3.9	3.8	3.3	4.2
April.....	4.1	3.1	3.9	4.6	2.9
May.....	3.1	3.0	4.7	2.7	3.5
June.....	2.1	2.1	3.6	2.1	3.8
Season.....	100.0	100.0	100.0	100.0	100.0

On November 19th, 1803, Jedediah Turner, of Cazenovia, N. Y., took out a patent on a threshing machine to be operated by horse, ox or wind power and warranted to thresh 150 bushels of wheat per day.

MONTHLY MARKETINGS OF CORN BY FARMERS.

Estimated Amount Sold Monthly by Farmers of the United States (Millions of Bushels).	1917-18.	1916-17.	1915-16.	1914-15.	1913-14.
Month.	18.	17.	16.	15.	14.
July.....	34	30	31	19	27
August.....	26	34	33	34	16
September....	22	28	35	23	21
October.....	24	25	33	23	37
November....	56	67	57	71	85
December....	78	60	88	82	102
January.....	91	73	64	96	51
February....	103	68	43	38	34
March.....	88	34	39	22	30
April.....	45	26	35	27	21
May.....	36	31	35	21	29
June.....	37	20	32	29	22
Season.....	640	480	550	485	475

Cattle Sold and Slaughtered.

Once in ten years we are able to make an examination of the number of live stock sold from the farms of the United States. This tabulation is for cattle only, not including calves, but including dry dairy cows and worn-out oxen when sold. There is also an enumeration, state by state, showing the number of cattle slaughtered on the farms. The statement is for the last census year, when there were 20,625,000 dairy cows and 41,178,000 other cattle in the United States.

State.	Farms Reporting.	Cattle Sold.	Farms Reporting.	Cattle Slaughtered.
ALA...	48,398	198,226	15,800	42,964
ARIZ...	1,988	146,852	942	10,773
ARK...	62,031	379,676	11,189	38,088
CALIF.	19,775	548,920	4,054	36,319
COLO.	11,013	437,215	5,467	26,818
CONN...	7,979	56,564	1,743	8,756
DEL...	1,805	7,070	150	551
D. COL.	37	344	2	8
FLA...	6,015	60,773	3,359	22,012
GA...	32,467	112,127	10,506	37,605
IDAHO	7,320	145,948	3,395	12,216
ILL...	106,055	1,029,835	19,120	38,466
IND...	82,019	463,825	14,877	27,122
IOWA...	128,657	2,130,255	48,883	73,454
KAS...	75,654	1,560,620	18,999	30,660
KY...	74,343	535,429	6,497	19,011
LA...	20,903	139,319	10,215	26,209
ME...	19,842	83,932	4,513	18,755
MD...	11,866	56,863	3,080	5,870
MASS...	9,927	81,661	2,021	13,521
MICH...	82,230	319,063	19,852	43,619
MINN...	79,284	442,034	47,403	79,226
MISS...	46,709	252,778	14,056	34,406
MO...	119,955	1,300,754	18,369	32,059
MONT.	6,275	272,996	4,133	19,755
NEB...	64,123	1,221,743	27,211	42,083
NEV...	981	101,190	810	11,217
N. H...	8,750	54,904	2,104	9,116
N. J...	6,270	30,954	1,377	3,175
N. M...	5,541	306,347	3,937	16,316
N. Y...	82,443	451,265	26,858	68,793
N. C...	49,090	163,015	13,201	36,132
N. D...	24,736	159,392	19,714	31,570
OHIO...	104,220	558,420	30,912	54,040
OKLA...	64,937	939,546	8,808	23,043
ORE...	13,973	249,733	5,946	24,292
PENN...	80,961	368,687	44,877	88,505
R. I...	1,573	11,177	203	6,699
S. C...	19,668	57,301	5,782	17,657
S. D...	32,328	519,607	16,959	28,475
TENN...	83,338	549,891	19,838	33,483
TEX...	117,934	2,535,219	17,248	64,031
UTAH...	5,950	110,780	2,214	8,208
VT...	17,499	145,955	6,450	18,822
VA...	41,915	314,925	8,487	20,058
WASH.	13,335	94,368	7,370	25,087
W. VA.	39,132	257,733	8,226	18,753
WIS...	90,924	417,796	33,169	51,040
WYO...	3,249	198,970	2,059	9,810
Total.	2,035,910	20,572,997	593,285	1,408,640

Potato Harvest Periods.

According to Agricultural Department reports there will be 30,000,000 more bushels of potatoes harvested in July and August, 1917, than last year in same period, and during the balance of the year the increase will be 133,000,000 bushels.

Harvest Period.	1916.		1917 (Forecast.)	
	Per Ct.	Bushels.	Per Ct.	Bushels.
Jan. 1 to June 30.	5.0	14,255,000	4.0	18,279,000
July 1 to Aug. 31.	20.8	59,270,000	19.8	89,424,000
Sept. 1 to Dec. 31.	74.2	211,942,000	76.2	344,014,000
	100.0	285,437,000	100.0	451,717,000

A straw or chaff-cutting machine was invented by Lester in 1801.

Calves Sold and Slaughtered.

The enumeration of calves sold from farms and calves slaughtered on farms is the official statement of the last census year. At the time the census was taken the total of all kinds and classes of cattle remaining on farms in the United States was 61,803,000 head, and the total is not far different in the year 1916. It must be remembered that many calves sold by farmers have been matured and fattened for market by other farmers.

State.	Farms Reporting.	Calves Sold.	Farms Reporting.	Calves Slaughtered.
ALA...	15,349	30,694	4,354	7,872
ARIZ...	659	7,525	171	1,144
ARK...	29,918	86,235	3,028	8,379
CALIF.	16,882	147,467	4,767	50,538
COLO.	4,802	33,934	2,591	11,557
CONN...	9,014	66,477	622	9,915
DEL...	4,481	19,292	54	414
D. COL.	65	416	5	28
FLA...	584	2,537	216	1,569
GA...	19,558	39,507	9,154	22,323
IDAHO	4,113	19,098	1,801	4,789
ILL...	89,410	410,590	11,125	81,079
IND...	83,363	251,470	5,474	21,731
IOWA...	47,028	256,071	7,286	18,235
KAS...	47,826	281,398	7,416	11,536
KY...	53,351	140,896	2,021	4,536
LA...	4,166	15,490	1,040	2,667
ME...	21,607	98,577	2,874	27,396
MD...	22,369	92,359	431	2,110
MASS...	12,412	95,186	995	14,187
MICH...	84,626	293,525	16,091	61,896
MINN...	40,529	176,970	28,204	80,493
MISS...	14,299	32,218	3,227	7,577
MO...	76,353	254,702	4,863	8,779
MONT.	1,687	18,389	1,454	8,748
NEB...	18,056	96,821	3,195	5,458
NEV...	220	3,655	217	1,416
N. H...	9,592	64,347	1,137	10,630
N. J...	16,478	112,885	622	14,025
N. M...	2,619	16,169	1,222	3,658
N. Y...	105,766	814,704	26,604	212,962
N. C...	28,530	52,137	5,964	14,602
N. D...	7,694	22,263	7,992	14,419
OHIO...	100,676	362,046	7,791	31,180
OKIA...	32,735	132,870	3,128	5,745
ORE...	6,181	30,473	9,539	40,756
PENN...	105,371	469,663	14,398	68,936
R. I...	1,395	9,653	56	1,175
S. C...	7,888	14,541	2,461	6,669
S. D...	8,970	48,862	4,326	7,034
TENN...	46,097	114,620	2,916	9,548
TEX...	59,030	512,442	8,500	22,445
UTAH...	5,173	20,754	1,233	5,312
VT...	11,216	102,781	5,147	41,375
VA...	49,124	119,002	2,022	5,086
WASH.	7,035	30,291	10,345	44,238
W. VA.	25,143	58,815	1,282	5,108
WIS...	100,723	647,915	28,716	93,167
WYO...	1,010	13,716	431	1,948
Total.	1,461,173	6,742,748	268,508	1,131,600

HEMP PRODUCTION, 1915, 1916, 1917.

Hemp production for the present is fine. The acreage is 86 per cent. greater than last year. Only two states produce any quantity of hemp, but they are doing good business. This year we have double an average crop.

State.	1915.	1916.	1917.
	Pounds.	Pounds.	Pounds.
KY.....	9,637,000	12,250,000	18,000,000
WIS.....	630,000	1,560,000	7,224,000
Total Above	10,267,000	13,810,000	25,224,000

FRENCH MERINO SHEEP.

In the year 1801 Mr. Delessert, a French banker, owning a farm near Kingston, N. Y., made an attempt to import some sheep of the French Rambouillet Merinos. Unfortunately three out of four perished during the voyage, and the survivor, a ram, was placed on his farm. According to A. L. Morrell, author of the American Shepherd, this was the first individual of the breed introduced into this country.

Swine Sold by Farmers.

During the last census year from 1,841,229 farms in the United States 37,500,158 hogs were sold by farmers and the valuation reported was \$12.35 per head. The number of hogs on farms at that time by the census count was 58,188,000 head, or practically 65 per cent. of the supply.

State.	No. of Farms Reporting.	Per Cent. of Farms	Animals Sold.	Value Per Head.
ALA.	22,552	8.6	123,078	\$ 3.97
ARIZ.	489	5.3	9,780	8.42
ARK.	31,239	14.6	376,466	5.90
CALIF.	13,605	15.4	478,678	10.16
COLO.	5,398	11.7	124,667	11.15
CONN.	2,273	8.5	29,278	5.83
DEL.	1,978	18.3	20,979	5.35
DIST. COL.	5	2.3	17	11.35
FLA.	4,075	8.1	60,528	3.60
GA.	20,368	7.0	136,651	3.80
IDAHO.	5,584	18.1	150,230	11.37
ILL.	139,516	55.4	3,745,309	14.21
IND.	119,815	55.6	3,080,547	12.60
IOWA.	152,542	70.3	5,524,519	15.51
KAS.	97,836	55.0	2,857,924	14.05
KY.	69,704	26.9	1,160,301	9.17
LA.	6,015	5.0	61,794	5.73
ME.	10,628	17.7	88,167	7.58
MD.	11,425	23.4	143,415	5.74
MASS.	3,885	10.5	63,930	8.31
MICH.	85,168	41.2	981,880	11.02
MINN.	74,047	47.4	1,038,711	13.48
MISS.	17,470	6.4	88,599	4.16
MO.	153,372	55.3	4,425,428	11.58
MONT.	2,205	8.4	37,471	9.73
NEB.	78,646	60.7	2,495,969	15.41
NEV.	413	15.4	9,660	8.87
N. H.	4,067	15.0	43,008	7.70
N. J.	4,875	14.6	88,639	6.75
N. M.	2,047	5.7	20,286	6.51
N. Y.	44,587	20.7	407,915	6.40
N. C.	35,461	14.0	246,796	3.49
N. D.	14,743	19.8	115,414	11.71
OHIO.	122,902	45.2	2,317,507	12.38
OKLA.	71,176	37.4	1,591,469	11.06
OREGON.	8,148	17.9	129,641	10.91
PENN.	58,438	26.6	579,136	6.65
R. I.	409	7.7	7,725	6.64
S. C.	12,389	5.0	80,635	4.31
S. D.	32,575	45.2	721,838	15.02
TENN.	74,132	30.1	1,082,134	7.84
TEXAS.	66,661	16.0	742,769	7.75
UTAH.	2,859	13.2	30,072	7.73
VT.	9,781	29.9	93,720	8.53
VA.	30,957	16.8	293,493	5.38
WASH.	7,762	13.8	121,886	10.60
W. VA.	18,164	18.8	121,650	5.51
WIS.	88,056	49.7	1,389,717	12.99
WYO.	837	7.6	10,740	10.40
Total.	1,841,229	28.9	37,500,158	\$12.35

Swine Slaughtered on Farms.

During the last census year on 3,643,546 farms in the United States 15,378,517 hogs were slaughtered, and the farmers reported the value to be \$19.37 per head. The number of hogs on farms at that time by the census count was 58,186,000 head, practically one hog in four.

State.	No. of Farms Reporting.	Per Cent. of All Farms.	Animals Slaughtered.	Value Per Head.
ALA.	137,036	52.1	581,635	\$12.16
ARIZ.	816	8.8	3,299	13.37
ARK.	113,636	52.9	618,350	11.10
CALIF.	15,337	17.4	82,270	12.80
COLO.	12,330	26.7	52,081	15.53
CONN.	7,975	29.7	25,058	19.36
DEL.	6,636	61.2	27,588	19.84
DIST. COL.	39	18.0	383	19.37
FLA.	25,915	51.8	294,753	8.05
GA.	154,935	53.2	860,409	11.31
IDAHO.	10,470	34.0	47,437	13.90
ILL.	172,486	68.5	762,545	16.95
IND.	152,287	70.7	646,581	16.26
IOWA.	147,246	67.3	507,167	16.03
KAS.	112,110	63.0	377,566	16.50
KY.	168,483	65.0	733,642	15.11
LA.	48,727	40.4	287,447	8.51
ME.	24,404	40.7	47,319	22.08
MD.	32,931	67.3	180,406	15.79
MASS.	7,133	19.5	27,754	19.35
MICH.	114,104	55.1	381,247	15.41
MINN.	100,583	64.4	314,597	15.60
MISS.	128,043	46.7	498,659	12.66
MO.	200,247	72.2	949,318	15.18
MONT.	5,104	19.5	33,143	14.88
NEB.	81,292	62.7	261,515	16.00
NEV.	673	25.0	5,943	13.96
N. H.	9,658	35.7	22,563	22.16
N. J.	13,906	41.5	73,709	17.90
N. M.	6,677	18.7	21,929	12.19
N. Y.	107,276	49.8	386,264	17.57
N. C.	166,636	65.7	783,247	13.59
N. D.	37,893	51.0	136,227	15.82
OHIO.	182,236	67.0	768,195	17.03
OKLA.	104,564	55.0	424,436	14.26
OREGON.	18,153	39.9	102,755	14.80
PENN.	146,868	67.0	675,939	18.63
R. I.	1,034	19.5	3,674	19.49
S. C.	86,224	48.9	309,922	13.09
S. D.	36,975	47.6	117,751	15.16
TENN.	163,764	66.6	472,123	15.49
TEXAS.	221,345	53.0	885,260	15.60
UTAH.	10,040	46.3	31,210	13.94
VT.	16,559	50.6	50,786	19.05
VA.	127,841	69.5	537,797	15.40
WASH.	18,129	32.3	92,600	15.60
W. VA.	65,798	68.1	206,701	17.82
WIS.	118,436	66.9	386,243	14.92
WYO.	2,506	22.8	13,064	15.44
Total.	3,643,546	57.3	15,378,517	\$19.37

ARGENTINE CROPS.

Consul Robertson, at Buenos Aires, South America, reports the areas sown to wheat, linseed and oats in Argentina for the agricultural year 1917-18 as follows:

Province.	Wheat, Acres.	Linseed, Acres.	Oats, Acres.
Buenos Aires.	6,114,598	533,251	2,369,731
Santa Fe.	2,303,013	1,309,653	74,131
Cordoba.	4,929,733	768,494	148,263
Entre Rios.	1,181,159	543,630	247,104
Pampa.	2,718,148	29,157	274,286
Others.	617,761	49,421	86,487
Total 1917-18.	17,864,412	3,233,606	3,200,002
Total 1916-17.	16,088,967	3,207,415	2,525,406

In 1804 Dr. James Mease, in Willich's Domestic Encyclopedia, describes the Wine-sap apple as follows: "Wine-sap—An autumn fruit of deep red colour, and sweet, sprightly taste; makes excellent cyder. * * * cultivated by Samuel Coles, of Moorestown, New Jersey."

In the year 1798 Thomas Jefferson wrote an essay in which he discussed the best form and curvature of the mold board of plows, this being as far as known the first attempt in this country to apply scientific principles to such a problem.

Philippine Live Stock.

The Philippine Archipelago, with millions of acres of available open areas, is one of the countries in which stock raising on a large scale may be conducted, according to a report of the Department of Agriculture of the islands. It is estimated that out of a total of 120,000 square miles, 48,000 are in grass lands.

Number of Live Stock in the Philippine Islands.

Kind.	1902.	1914.	Increase.
CARABAOS.	640,871	1,147,433	506,562
CATTLE.	128,000	477,736	349,736
HOGS.	1,179,371	2,285,880	1,106,509
SHEEP.	30,428	118,010	87,582
GOATS.	124,334	592,042	467,708
HORSES.	144,171	215,826	71,655

In the year 1798 the tomato was first brought to Philadelphia from Santo Domingo, but not regarded as a marketable product.

Goats and Mohair.

This is a statement of the last census (the latest available) when a reliable count was made showing where the goats are, the number of farms reporting goats, the actual number of goats, the number of farms that produce mohair and the complete state by state mohair production. The number of farms reporting goats and kids increased from 77,515 in 1900 to 82,755 in 1910. The number of goats increased from 1,870,599 in 1900 to 2,915,125 in 1910. The mohair production increased from 961,328 pounds in 1899 to 3,778,706 pounds in 1909.

State.	1910.			
	Farms Reporting.	Number of Goats.	Farms, Fleeces.	Mohair, Pounds.
ALA.....	5,667	79,347	36	808
ARIZ.....	911	246,617	114	246,032
ARK.....	4,790	58,294	194	7,265
CALIF.....	1,714	138,413	367	282,596
COLO.....	959	31,611	40	7,894
CONN.....	98	500	12	1,009
DE.....	35	88	1	210
D. OF C.....				
FLA.....	1,947	47,371	7	165
GA.....	6,301	89,616	25	520
IDAHO.....	98	5,719	35	16,412
ILL.....	2,040	12,435	184	14,922
IND.....	1,723	7,290	119	4,472
IOWA.....	2,400	20,664	266	29,206
KAS.....	917	8,847	95	8,805
KY.....	2,713	29,869	198	7,702
LA.....	3,554	57,102	12	1,044
MAINE.....	147	582	39	639
MD.....	198	1,182	27	1,570
MASS.....	201	1,251	35	1,695
MICH.....	686	5,080	117	5,677
MINN.....	784	4,588	131	6,929
MISS.....	4,039	45,871	36	1,303
MO.....	3,947	72,415	858	66,684
MONT.....	176	5,045	38	8,328
NEB.....	892	3,290	53	2,425
NEV.....	64	4,849	8	5,719
N. H.....	96	495	22	629
N. J.....	157	574	7	187
N. M.....	3,440	412,050	237	394,895
N. Y.....	719	3,475	74	5,412
N. C.....	4,247	35,019	56	1,020
N. D.....	294	1,074	36	470
OHIO.....	918	5,379	133	5,840
OKLA.....	1,436	25,591	129	10,503
OREGON.....	4,144	185,411	3,075	523,435
PENN.....	945	3,539	126	3,198
R. I.....	49	106	1	486
S. C.....	3,175	24,750	11	1,538
S. D.....	660	2,337	54	3,428
TENN.....	4,859	43,560	115	1,997,924
TEXAS.....	7,937	1,135,244	1,544	44,708
UTAH.....	134	29,014	21	471
VT.....	69	261	14	8,047
VA.....	738	7,327	79	19,120
WASH.....	417	8,621	164	8,991
W. VA.....	385	5,748	117	4,133
WIS.....	863	4,875	111	14,238
WYO.....	72	2,739	13	
Total...	82,755	2,915,125	9,186	3,778,706

If you are unable to find what you desire in AGRICULTURAL STATISTICS, turn to the index. You may find it there.

LIVE STOCK IN DENMARK.

The following table, compiled from Danish official sources, shows the number of live stock in Denmark for the years 1914-1918, inclusive:

Date.	Horses.	Cattle.	Sheep.	Swine.
Number.	Number.	Number.	Number.	Number.
1914.....	567,240	2,462,862	514,908	2,496,706
1915.....	525,690	2,416,471	533,000	1,918,627
1916.....	515,415	2,289,996	255,000	1,983,255
1917.....	538,395	2,452,853	267,979	1,980,727
1918.....	510,615	2,141,684	247,213	513,012

STATE CROP VALUATIONS.

In this table the three ciphers are omitted from the values; in other words, the state values represent millions of dollars and the totals at the bottom represent billions of dollars. The intention of the table is to show the standing of the states; for instance, from 1912 to 1916 Texas was first; in 1917 Texas was third; in 1918 Texas was third; again in the period 1912 to 1916 the state of Illinois was third; in 1917 and in 1918 Illinois was first. The United States Department of Agriculture furnished the statement in December, 1918.

State.	1912-16		17		18	
	Value 1917.	Value 1918.	All Crops.	All Crops.	All Crops.	All Crops.
ALA.....	287,939	366,677	17	25	20	20
ARIZ.....	31,193	42,267	47	44	43	43
ARK.....	371,660	331,479	22	16	23	23
CALIF.....	439,521	365,028	13	10	21	21
COLO.....	164,890	153,639	29	28	28	28
CONN.....	54,345	59,954	40	39	40	40
DE.....	27,707	26,290	46	45	46	46
FLA.....	96,559	103,144	37	35	36	36
GA.....	553,431	590,292	4	4	4	4
IDAHO.....	96,525	107,111	36	36	34	34
ILL.....	849,590	879,679	3	1	1	1
IND.....	504,300	507,563	12	8	8	8
IOWA.....	792,618	821,920	2	2	2	2
KAS.....	416,225	424,298	7	13	14	14
KY.....	353,877	385,066	24	20	18	18
LA.....	284,634	282,640	27	26	26	26
ME.....	68,597	79,410	34	37	37	37
MD.....	122,368	127,231	33	31	32	32
MASS.....	64,889	70,204	38	38	38	38
MICH.....	355,146	336,669	16	19	22	22
MINN.....	464,294	562,545	11	9	5	5
MISS.....	351,070	403,789	20	21	16	16
MO.....	536,827	482,436	10	6	9	9
MONT.....	105,745	146,713	30	33	29	29
NEB.....	522,186	390,944	8	7	17	17
NEV.....	24,477	24,536	45	47	47	47
N. H.....	25,500	29,776	43	46	45	45
N. J.....	103,107	103,321	35	34	35	35
N. M.....	38,470	40,711	41	43	44	44
N. Y.....	418,089	447,216	5	12	11	11
N. C.....	434,093	537,438	14	11	7	7
N. D.....	220,290	375,601	21	27	19	19
OHIO.....	517,134	541,400	6	5	6	6
OKLA.....	340,406	264,502	18	22	27	27
ORE.....	108,025	122,481	31	32	33	33
PENN.....	407,612	459,929	9	14	10	10
R. I.....	8,235	7,965	48	48	48	48
S. C.....	383,153	446,313	19	15	12	12
S. D.....	358,748	438,880	26	18	13	13
TENN.....	288,744	324,256	23	24	24	24
TEXAS.....	790,923	695,651	1	3	3	3
UTAH.....	52,299	54,759	41	41	41	41
VT.....	44,484	50,874	39	42	42	42
VA.....	303,818	322,524	25	23	22	22
WASH.....	14,422	135,255	28	29	31	31
W. VA.....	126,487	141,043	32	30	30	30
WIS.....	367,370	417,888	15	17	15	15
WYO.....	54,247	61,752	42	40	39	39
U.S.	13,506,669	14,000,769	.....	.....	.....	.....

NOTE.—000 000 omitted.

PORTO RICO LIVE STOCK.

The Food Commission of the island of Porto Rico made the following report, dated January, 1918, the asses and sheep not being reported in 1918.

Kind.	Census 1910.	Jan., 1918.
Cattle.	Number.	Number.
Cows.....	112,069	107,453
Oxen.....	97,937	123,259
Calves.....	103,880	95,016

Total.....	313,886	325,758
Horses.....	55,225	62,954
Mules.....	4,569	9,305
Asses and Burros.....	985	000
Hogs.....	103,041	102,338
Sheep.....	5,525	000
Poultry.....	668,520	976,081
Goats.....	45,982	49,127

TROTTING SADDLE HORSES.

On the 13th day of October, 1799, a trotting match was decided on Sunbury Common, England, between Mr. Dixon's brown gelding and Mr. Bishop's grey gelding, each carrying 168 pounds. The race was won in 27 minutes, 10 seconds. The distance is not stated, but the time shows that it was a trial of endurance as well as speed. This item is from the book by Dr. Elwood Harvey.

FARM PRODUCTIONS BY STATES

Taken From Original Government
Records, State by State — Grain
Crops and Live Stock Estimates.

The following arrangement is for the purpose of showing at a glance the number of farms in each state, the average size of the farm, the farm population at the last census (to which 10 per cent. can be added), the live stock on hand according to latest (1919) complete reports, also approximately the crops of 1915, 1916 and 1917, as estimated by the United States Department of Agriculture:

ALABAMA

Has 262,901 Farms.
Average 78.9 Acres.

1,767,662 Farm Population.

1916.	LIVE STOCK.	1917.
396,000	Dairy Cows.	405,000
534,000	Other Cattle.	534,000
1,715,000	Swine.	1,850,000
119,000	Sheep.	121,000
76,361	Goats.	79,340
150,000	Horses.	150,000
281,000	Mules.	278,000
1,200	Jack Stock.	1,300
1918.	LIVE STOCK.	1919.
433,000	Dairy Cows.	494,000
668,000	Other Cattle.	851,000
2,128,000	Swine.	2,223,000
131,000	Sheep.	140,000
153,000	Horses.	155,000
289,000	Mules.	304,000

1915	1916	CROPS.
1,200,000	1,045,000	Bu. Wheat.
66,300,000	46,688,000	Bu. Corn.
11,400,000	10,500,000	Bu. Oats.
40,000	52,000	Bu. Rye.
8,000	8,000	Bu. Rice.
1,600,000	1,800,000	Bu. White Potatoes.
7,200,060	6,290,000	Bu. Sweet Potatoes.
362,000	358,000	Tons Tame Hay.
34,000	42,000	Tons Wild Hay.
1,020,000	525,000	Bales Cotton.
100,000	60,000	Pounds Tobacco.
532,000	380,000	Barrels Apples.
2,640,000	1,10,000	Bu. Peaches.
168,000	90,000	Bu. Pears.
380,000	350,000	Lbs. Wool.
1917	1918	CROPS.
930,000	1,330,000	Bu. Wheat.
77,200,000	67,686,000	Bu. Corn.
9,720,000	8,132,000	Bu. Oats.
000	000	Bu. Barley.
38,000	44,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
12,000	15,000	Bu. Rice.
2,952,000	4,800,000	Bu. White Potatoes.
13,500,000	14,688,000	Bu. Sweet Potatoes.
1,158,000	1,295,000	Tons Tame Hay.
37,000	35,000	Tons Wild Hay.
146,000	700,000	Lbs. Tobacco.
505,000	820,000	Bales Cotton.
16,013,000	17,480,000	Bu. Peanuts.
1,453,000	1,551,000	Bu. Apples.
1,830,000	3,142,000	Bu. Peaches.
80,000	152,000	Bu. Pears.
350,000	368,000	Lbs. Wool.

ARIZONA

Has 9,227 Farms.
Average 135.1 Acres.

141,004 Farm Population.

1916.	LIVE STOCK.	1917.
53,000	Dairy Cows.	81,000
838,000	Other Cattle.	864,000
40,000	Swine.	80,000
1,849,000	Sheep.	1,632,000
216,327	Goats.	280,000
124,000	Horses.	129,000
7,000	Mules.	8,000
1918.	LIVE STOCK.	1919.
87,000	Dairy Cows.	72,000

1,037,000	Other Cattle.	1,100,000
64,000	Swine.	58,000
1,550,000	Sheep.	1,400,000
135,000	Horses.	136,000
9,000	Mules.	9,000
1915	1916	CROPS.
1,092,000	1,160,000	Bu. Wheat.
600,000	770,000	Bu. Corn.
333,000	338,000	Bu. Oats.
1,295,000	1,120,000	Bu. Barley.
95,000	115,000	Bu. White Potatoes.
470,000	627,000	Tons Tame Hay.
10,000	14,000	Tons Wild Hay.
40,000	40,000	Barrels Apples.
60,000	56,000	Bu. Peaches.
22,000	18,000	Bu. Pears.
5,985,000	5,950,000	Lbs. Wool.
1917	1918	CROPS.
825,000	988,000	Bu. Wheat.
864,000	952,000	Bu. Corn.
400,000	440,000	Bu. Oats.
1,155,000	1,020,000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
420,000	425,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
550,000	480,000	Tons Tame Hay.
18,000	13,000	Tons Wild Hay.
21,000	000	Lbs. Tobacco.
152,000	51,000	Bales Cotton.
1,980,000	72,000	Bu. Beans.
135,000	1,024,100	Bu. Kalfirs.
60,000	152,000	Bu. Apples.
21,000	58,000	Bu. Peaches.
5,831,000	19,000	Bu. Pears.
	5,656,000	Lbs. Wool.

ARKANSAS

Has 214,678 Farms.
Average 81.8 Acres.

1,371,768 Farm Population.

1916.	LIVE STOCK.	1917.
402,000	Dairy Cows.	402,000
523,000	Other Cattle.	550,000
1,589,000	Swine.	1,575,000
124,000	Sheep.	124,000
50,938	Goats.	58,000
270,000	Horses.	275,000
240,000	Mules.	250,000
3,000	Jack Stock.	3,100
1918.	LIVE STOCK.	1919.
425,000	Dairy Cows.	443,000
638,000	Other Cattle.	678,000
1,643,000	Swine.	1,725,000
149,000	Sheep.	147,000
275,000	Horses.	267,000
263,000	Mules.	315,000

1915	1916	CROPS.
2,750,000	2,040,000	Bu. Wheat.
62,100,000	45,135,000	Bu. Corn.
10,125,000	7,350,000	Bu. Oats.
10,000	10,000	Bu. Rye.
4,840,000	6,312,000	Bu. Rice.
2,520,000	1,625,000	Bu. White Potatoes.
3,900,000	3,185,000	Bu. Sweet Potatoes.
560,000	469,000	Tons Tame Hay.
127,000	92,000	Tons Wild Hay.
816,002	1,145,000	Bales Cotton.
300,000	250,000	Pounds Tobacco.
1,183,000	1,018,000	Barrels Apples.
5,940,000	2,520,000	Bu. Peaches.
135,000	68,000	Bu. Pears.
385,000	350,000	Lbs. Wool.
1917	1918	CROPS.
3,360,000	3,048,000	Bu. Wheat.
67,200,000	35,100,000	Bu. Corn.
9,520,000	11,271,000	Bu. Oats.
000	000	Bu. Barley.
27,000	21,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
5,994,000	7,310,000	Bu. Rice.
3,680,000	2,400,000	Bu. White Potatoes.
4,400,000	3,420,000	Bu. Sweet Potatoes.
573,000	524,000	Tons Tame Hay.
99,000	71,000	Tons Wild Hay.
210,000	210,000	Lbs. Tobacco.
895,000	955,000	Bales Cotton.
1,110,000	546,000	Bu. Peanuts.
2,683,000	1,314,000	Bu. Apples.
630,000	546,000	Bu. Peanuts.
102,000	64,000	Bu. Pears.
350,000	402,000	Lbs. Wool.

CALIFORNIA

Has 38,197 Farms.
Average 316.7 Acres.

907,810 Farm Population.

1916.	LIVE STOCK.	1917.
568,000	Dairy Cows.	591,000
1,554,000	Other Cattle.	1,636,000
947,000	Swine.	994,000
2,450,000	Sheep.	2,524,000
120,829	Goats.	138,000
493,000	Horses.	468,000
70,000	Mules.	70,000
2,500	Jack Stock.	2,600
1918.	LIVE STOCK.	1919.
597,000	Dairy Cattle.	561,000
1,701,000	Other Cattle.	1,650,000
974,000	Swine.	1,003,000
2,776,000	Sheep.	2,943,000
468,000	Horses.	435,000
66,000	Mules.	63,000
1915	1916 CROPS.	
7,040,000	5,600,000 Bu. Wheat.	
2,624,000	2,048,000 Bu. Corn.	
6,963,000	6,500,000 Bu. Oats.	
39,440,000	32,320,000 Bu. Barley.	
112,000	104,000 Bu. Rye.	
2,268,000	4,543,000 Bu. Rice.	
10,140,000	10,575,000 Bu. White Potatoes.	
310,000	960,000 Bu. Sweet Potatoes.	
4,520,000	4,375,000 Tons Tame Hay.	
280,000	240,000 Tons Wild Hay.	
28,551	60,000 Bales Cotton.	
1,238,000	1,439,000 Tons Sugar Beets.	
3,825,000	4,175,000 Bu. Beans.	
1,563,000	1,918,000 Barrels Apples.	
9,768,000	8,769,000 Bu. Peaches.	
1,650,000	1,784,000 Bu. Pears.	
	600,000 Lbs. Hemp.	
11,590,000	11,600,000 Lbs. Wool.	
1917	1918 CROPS.	
7,425,000	7,590,000 Bu. Wheat.	
2,400,000	2,975,000 Bu. Corn.	
6,860,000	5,600,000 Bu. Oats.	
39,150,000	34,320,000 Bu. Barley.	
000	000 Bu. Rye.	
000	000 Bu. Buckwheat.	
000	000 Bu. Flaxseed.	
5,600,000	7,011,000 Bu. Rice.	
15,525,000	12,870,000 Bu. White Potatoes.	
1,002,000	1,020,000 Bu. Sweet Potatoes.	
4,560,000	2,970,000 Tons Tame Hay.	
259,000	173,000 Tons Wild Hay.	
000	000 Lbs. Tobacco.	
67,000	100,000 Bales Cotton.	
1,318,000	843,700 Tons Sugar Beets.	
8,035,000	8,880,000 Bu. Beans.	
15,708,000	12,500,000 Lbs. Hops.	
5,592,000	5,577,000 Bu. Apples.	
14,151,000	11,570,000 Bu. Peaches.	
3,523,000	1,890,000 Bu. Pears.	
8,632,000	14,322,000 Boxes Oranges.	
12,180,000	12,545,000 Lbs. Wool.	

COLORADO

Has 46,170 Farms.
Average 293.1 Acres.

394,184 Farm Population.

1916.	LIVE STOCK.	1917.
219,000	Dairy Cows.	237,000
1,096,000	Other Cattle.	1,150,000
320,000	Swine.	352,000
1,839,000	Sheep.	1,950,000
30,614	Goats.	33,000
361,000	Horses.	365,000
19,000	Mules.	20,000
3,200	Jack Stock.	3,300
1918.	LIVE STOCK.	1919.
257,000	Dairy Cows.	264,000
1,274,000	Other Cattle.	1,361,000
356,000	Swine.	406,000
2,086,000	Sheep.	2,300,000
339,000	Horses.	419,000
26,000	Mules.	31,000
1915	1916 CROPS.	
13,310,000	11,885,000 Bu. Wheat.	
11,280,000	7,362,000 Bu. Corn.	
11,700,000	9,570,000 Bu. Oats.	
4,680,000	5,120,000 Bu. Barley.	
525,000	392,000 Bu. Rye.	
9,000	6,000 Bu. Flaxseed.	
7,155,000	6,900,000 Bu. White Potatoes.	
2,134,000	1,988,000 Tons Tame Hay.	
515,000	423,000 Tons Wild Hay.	

1,820,000	2,015,000 Tons Sugar Beets.	
693,000	735,000 Barrels Apples.	
650,000	405,000 Bu. Peaches.	
99,000	99,000 Bu. Pears.	
340,000	424,000 Bu. Beans.	
151,708	100,710 Bu. Onions.	
39,700	32,900 Tons Cabbage.	
400	400 Acres Celery.	
000	16,300 Lbs. Hemp.	
7,800,000	8,100,000 Lbs. Wool.	
1917	1918 CROPS.	
13,536,000	13,335,000 Bu. Wheat.	
10,640,000	11,067,000 Bu. Corn.	
11,130,000	9,669,000 Bu. Oats.	
5,544,000	4,928,000 Bu. Barley.	
432,000	324,000 Bu. Rye.	
000	000 Bu. Buckwheat.	
14,000	000 Bu. Flaxseed.	
000	Bu. Rice.	
9,310,000	11,376,000 Bu. White Potatoes.	
000	000 Bu. Sweet Potatoes.	
2,376,000	2,045,000 Tons Tame Hay.	
460,000	424,000 Tons Wild Hay.	
000	000 Lbs. Tobacco.	
000	000 Bales Cotton.	
1,853,200	1,412,200 Tons Sugar Beets.	
1,461,000	1,638,000 Bu. Beans.	
1,320,000	1,748,000 Bu. Kaffirs.	
4,650	5,200 Tons Broom Corn.	
59,400	49,720 Tons Cabbage.	
2,640,000	1,845,000 Bu. Apples.	
1,200,000	754,000 Bu. Peaches.	
320,000	194,000 Bu. Pears.	
8,820,000	9,261,000 Lbs. Wool.	

CONNECTICUT

Has 26,815 Farms.
Average 81.5 Acres.

114,917 Farm Population.

1916.	LIVE STOCK.	1917.
119,000	Dairy Cows.	121,000
72,000	Other Cattle.	73,000
59,000	Swine.	58,000
18,000	Sheep.	18,000
485	Goats.	500
46,000	Horses.	46,000
1918.	LIVE STOCK.	1919.
116,000	Dairy Cows.	114,000
78,000	Other Cattle.	75,000
64,000	Swine.	83,000
20,000	Sheep.	24,000
15,000	Horses.	44,000
1915	1916 CROPS.	
3,250,000	2,700,000 Bu. Corn.	
422,000	450,000 Bu. Oats.	
150,000	137,000 Bu. Rye.	
60,000	57,000 Bu. Buckwheat.	
2,280,000	2,000,000 Bu. White Potatoes.	
493,000	574,000 Tons Tame Hay.	
12,000	15,000 Tons Wild Hay.	
29,970,000	36,186,000 Pounds Tobacco.	
511,000	610,000 Barrels Apples.	
335,000	136,000 Bu. Peaches.	
36,000	46,000 Bu. Pears.	
80,000	75,000 Lbs. Wool.	
1917	1918 CROPS.	
000	000 Bu. Wheat.	
4,485,000	2,800,000 Bu. Corn.	
660,000	912,000 Bu. Oats.	
000	000 Bu. Barley.	
144,000	242,000 Bu. Rye.	
52,000	152,000 Bu. Buckwheat.	
000	000 Bu. Flaxseed.	
000	000 Bu. Rice.	
3,190,000	2,470,000 Bu. White Potatoes.	
000	000 Bu. Sweet Potatoes.	
525,000	524,000 Tons Tame Hay.	
15,000	14,000 Tons Wild Hay.	
29,540,000	37,500,000 Lbs. Tobacco.	
000	000 Bales Cotton.	
1,316,000	1,184,000 Bu. Apples.	
268,000	15,000 Bu. Peaches.	
29,000	34,000 Bu. Pears.	
75,000	76,000 Lbs. Wool.	

DELAWARE

Has 10,836 Farms.
Average 95.9 Acres.

105,237 Farm Population.

1916.	LIVE STOCK.	1917.
42,000	Dairy Cows.	43,000
21,000	Other Cattle.	21,000
61,000	Swine.	60,000

8,000	Sheep.	8,000
30,000	Horses.	36,000
6,000	Mules.	6,000
1918.	LIVE STOCK.	1919.
43,000	Dairy Cows.	46,000
23,000	Other Cattle.	23,000
64,000	Swine.	71,000
10,000	Sheep.	10,000
36,000	Horses.	35,000
6,000	Mules.	6,000
1915	1916	CROPS.
1,875,000	1,860,000	Bu. Wheat.
6,613,000	6,970,000	Bu. Corn.
134,060	120,000	Bu. Oats.
16,000	15,000	Bu. Rye.
56,000	57,000	Bu. Buckwheat.
1,045,000	90,000	Bu. White Potatoes.
675,000	625,000	Bu. Sweet Potatoes.
84,000	116,000	Tons Tame Hay.
12,000	13,000	Tons Wild Hay.
122,000	83,000	Barrels Apples.
842,000	35,000	Bu. Peaches.
228,000	164,000	Bu. Pears.
30,000	30,000	Lbs. Wool.
1917	1918	CROPS.
2,162,000	1,729,000	Bu. Wheat.
7,820,000	7,285,000	Bu. Corn.
128,000	175,000	Bu. Oats.
000	000	Bu. Barley.
16,000	14,000	Bu. Rye.
60,000	82,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
1,235,000	957,000	Bu. White Potatoes.
560,000	600,000	Bu. Sweet Potatoes.
98,000	100,000	Tons Tame Hay.
11,000	11,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
450,000	500,000	Bu. Apples.
647,000	284,000	Bu. Peaches.
294,000	238,000	Bu. Pears.
31,000	31,000	Lbs. Wool.

FLORIDA

Has 50,016 Farms.
Average 105.6 Acres.

533,539	Farm Population.	
1916.	LIVE STOCK.	1917.
136,000	Dairy Cows.	141,000
772,000	Other Cattle.	865,000
996,000	Swine.	1,100,000
119,000	Sheep.	119,000
40,521	Goats.	47,000
59,000	Horses.	60,000
29,000	Mules.	31,000

1918.	LIVE STOCK.	1919.
145,000	Dairy Cows.	149,000
891,000	Other Cattle.	936,000
1,375,000	Swine.	1,512,000
120,000	Sheep.	120,000
62,000	Horses.	62,000
33,000	Mules.	35,000

1915	1916	CROPS.
12,000,000	12,600,000	Bu. Corn.
1,220,000	900,000	Bu. Oats.
12,000	18,000	Bu. Rice.
960,000	1,110,000	Bu. White Potatoes.
2,576,000	2,500,000	Bu. Sweet Potatoes.
61,000	70,000	Tons Tame Hay.
12,000	19,000	Tons Wild Hay.
47,831	43,000	Bales Cotton.
3,549,000	3,025,000	Pounds Tobacco.
177,000	106,000	Bu. Peaches.
104,000	51,000	Bu. Pears.
330,000	345,000	Lbs. Wool.
1917	1918	CROPS.
000	000	Bu. Wheat.
13,875,000	14,080,000	Bu. Corn.
770,000	1,080,000	Bu. Oats.
000	000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
21,000	29,000	Bu. Rice.
2,275,000	3,500,000	Bu. White Potatoes.
3,500,000	3,960,000	Bu. Sweet Potatoes.
110,000	120,000	Tons Tame Hay.
8,000	10,000	Tons Wild Hay.
3,410,000	4,416,000	Lbs. Tobacco.
40,000	25,000	Bales Cotton.
1,400,000	5,202,000	Bu. Peanuts.
000	000	Bu. Apples.
122,000	264,000	Bu. Peaches.
46,000	132,000	Bu. Pears.
4,200,000	5,265,000	Boxes Oranges.
355,000	426,000	Lbs. Wool.

GEORGIA

Has 291,027 Farms.
Average 92.6 Acres.

2,070,471	Farm Population.	
1916.	LIVE STOCK.	1917.
414,000	Dairy Cows.	418,000
686,000	Other Cattle.	686,000
2,345,000	Swine.	2,585,000
161,000	Sheep.	150,000
79,959	Goats.	85,000
125,000	Horses.	127,000
315,000	Mules.	324,000
1918.	LIVE STOCK.	1919.
435,000	Dairy Cows.	452,000
755,000	Other Cattle.	763,000
2,766,000	Swine.	3,043,000
144,000	Sheep.	144,000
130,000	Horses.	131,000
334,000	Mules.	344,000

1915	1916	CROPS.
3,573,000	3,803,000	Bu. Wheat.
64,950,000	62,000,000	Bu. Corn.
17,648,000	16,770,000	Bu. Oats.
120,000	124,000	Bu. Rye.
26,000	16,000	Bu. Rice.
1,040,000	900,000	Bu. White Potatoes.
8,075,000	7,520,000	Bu. Sweet Potatoes.
345,000	375,000	Tons Tame Hay.
17,000	18,600	Tons Wild Hay.
1,496,000	1,534,000	Pounds Tobacco.
1,900,000	1,845,000	Bales Cotton.
625,000	541,000	Barrels Apples.
5,330,000	3,510,000	Bu. Peaches.
203,000	135,000	Bu. Pears.
460,000	495,000	Lbs. Wool.

1917	1918	CROPS.
2,074,000	3,631,000	Bu. Wheat.
72,000,000	68,850,000	Bu. Corn.
10,400,000	12,000,000	Bu. Oats.
000	000	Bu. Barley.
128,000	176,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
27,000	31,000	Bu. Rice.
1,596,000	1,610,000	Bu. White Potatoes.
11,625,000	11,960,000	Bu. Sweet Potatoes.
562,000	615,000	Tons Tame Hay.
14,000	12,000	Tons Wild Hay.
1,600,000	2,668,000	Lbs. Tobacco.
1,820,000	2,100,000	Bales Cotton.
9,435,000	10,135,000	Bu. Peanuts.
1,754,000	1,766,000	Bu. Apples.
4,716,000	6,746,000	Bu. Peaches.
140,000	188,000	Bu. Pears.
455,000	478,000	Lbs. Wool.

IDAHO

Has 30,807 Farms.
Average 171.5 Acres.

255,696	Farm Population.	
1916.	LIVE STOCK.	1917.
126,000	Dairy Cows.	130,000
406,000	Other Cattle.	418,000
314,000	Swine.	292,000
3,102,000	Sheep.	3,195,000
5,797	Goats.	6,000
241,000	Horses.	239,000
4,000	Mules.	4,000
1918.	LIVE STOCK.	1919.
139,000	Dairy Cows.	139,000
488,000	Other Cattle.	537,000
219,000	Swine.	208,000
3,202,000	Sheep.	3,224,000
258,000	Horses.	276,000
4,000	Mules.	4,000
1915	1916	CROPS.
18,730,000	15,071,000	Bu. Wheat.
770,000	735,000	Bu. Corn.
15,745,000	13,330,000	Bu. Oats.
7,736,000	7,410,000	Bu. Barley.
60,000	31,000	Bu. Rye.
3,590,000	4,050,000	Bu. White Potatoes.
1,828,000	1,812,000	Tons Tame Hay.
157,000	134,000	Tons Wild Hay.
375,000	427,000	Tons Sugar Beets.
573,000	117,000	Barrels Apples.
162,000	23,000	Bu. Peaches.
75,000	50,000	Bu. Pears.
15,285,000	15,000,000	Lbs. Wool.
1917	1918	CROPS.
13,830,000	18,043,000	Bu. Wheat.
682,000	900,000	Bu. Corn.
10,450,000	9,480,000	Bu. Oats.

5,510,000	4,900,000	Bu. Barley.
31,000	60,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
6,084,000	5,220,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
2,175,000	1,934,000	Tons Tame Hay.
162,000	900	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
329,800	336,000	Tons Sugar Beets.
90,000	78,000	Bu. Clover Seed.
3,882,000	582,000	Bu. Apples.
165,000	80,000	Bu. Peaches.
50,000	60,000	Bu. Pears.
17,500,000	19,500,000	Lbs. Wool.

ILLINOIS

Has 251,872 Farms.
Average 129.1 Acres.

2,161,662	Farm Population.	
1916.	LIVE STOCK.	1917.
1,047,000	Dairy Cows.	1,057,000
1,239,000	Other Cattle.	1,251,000
4,489,000	Swine.	4,444,000
907,000	Sheep.	898,000
12,000	Goats.	13,000
1,452,000	Horses.	1,452,000
152,000	Mules.	150,000
2,800	Jack Stock.	3,000
1918.	LIVE STOCK.	1919.
1,057,000	Dairy Cows.	1,060,000
1,314,000	Other Cattle.	1,367,000
5,111,000	Swine.	5,724,000
988,000	Sheep.	1,028,000
1,467,000	Horses.	1,467,000
150,000	Mules.	147,100

1915 1916 CROPS.

53,200,000	16,225,000	Bu. Wheat.
376,164,400	306,800,000	Bu. Corn.
195,435,000	172,095,000	Bu. Oats.
1,836,000	1,920,000	Bu. Barley.
906,000	660,000	Bu. Rye.
68,000	68,000	Bu. Buckwheat.
593,000	525,000	Pounds Tobacco.
13,860,000	7,250,000	Bu. White Potatoes.
880,000	720,000	Bu. Sweet Potatoes.
3,696,000	4,495,000	Tons Tame Hay.
124,000	156,000	Tons Wild Hay.
4,716,000	1,616,000	Barrels Apples.
874,000	810,000	Bu. Peaches.
496,000	354,000	Bu. Pears.
3,975,000	3,855,000	Lbs. Wool.
1917	1918	CROPS.
30,400,000	60,991,000	Bu. Wheat.
418,000,000	351,450,000	Bu. Corn.
244,400,300	198,352,000	Bu. Oats.
2,475,000	9,000,000	Bu. Barley.
752,000	3,800,000	Bu. Rye.
76,000	71,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
13,500,000	11,520,000	Bu. White Potatoes.
776,000	656,000	Bu. Sweet Potatoes.
3,438,000	4,552,000	Tons Tame Hay.
104,000	131,000	Tons Wild Hay.
560,000	532,000	Lbs. Tobacco.
8,250	9,000	Tons Broom Corn.
115,000	298,200	Bu. Clover Seed.
7,500,000	3,213,000	Bu. Apples.
364,000	78,000	Bu. Peaches.
456,000	302,000	Bu. Pears.
3,885,000	4,048,000	Lbs. Wool.

INDIANA

Has 215,485 Farms.
Average 98.8 Acres.

1,557,041	Farm Population.	
1916.	LIVE STOCK.	1917.
672,000	Dairy Cows.	706,000
728,000	Other Cattle.	735,000
4,167,000	Swine.	3,970,000
1,038,000	Sheep.	1,005,000
7,000	Goats.	7,000
854,000	Horses.	845,000
95,000	Mules.	95,000
1,616	Jack Stock.	1,700
1918.	LIVE STOCK.	1919.
713,000	Dairy Cows.	713,000
757,000	Other Cattle.	780,000
4,168,000	Swine.	4,668,000
998,000	Sheep.	1,098,000
837,000	Horses.	829,000
95,000	Mules.	94,000

1915	1916	CROPS.
47,300,000	19,440,000	Bu. Wheat.
190,950,000	174,653,000	Bu. Corn.
65,520,000	52,500,000	Bu. Oats.
224,000	405,000	Bu. Barley.
2,400,000	2,590,000	Bu. Rye.
70,000	144,000	Bu. Buckwheat.
7,125,000	3,256,000	Bu. White Potatoes.
208,000	300,000	Bu. Sweet Potatoes.
3,030,000	3,312,000	Tons Tame Hay.
78,000	91,000	Tons Wild Hay.
11,340,000	13,764,000	Pounds Tobacco.
3,883,000	1,307,000	Barrels Apples.
648,000	833,000	Bu. Peaches.
410,000	351,000	Bu. Pears.
564,880	744,896	Bu. Onions.
6,500	3,900	Tons Cabbage.
4,690,000	4,420,000	Lbs. Wool.

1917 1918 CROPS.

33,392,000	49,427,000	Bu. Wheat.
203,436,000	169,554,000	Bu. Corn.
76,440,000	85,050,000	Bu. Oats.
1,068,000	1,665,000	Bu. Barley.
3,000,000	6,765,000	Bu. Rye.
150,000	360,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
8,404,000	7,760,000	Bu. White Potatoes.
318,000	324,000	Bu. Sweet Potatoes.
3,004,000	3,204,000	Tons Tame Hay.
88,000	72,000	Tons Wild Hay.
14,060,000	15,159,000	Lbs. Tobacco.
60,000	000	Bu. Beans.
12,350	11,220	Tons Cabbage.
202,000	176,000	Bu. Clover Seed.
5,915,000	2,070,000	Bu. Apples.
592,000	92,000	Bu. Peaches.
410,000	280,000	Bu. Pears.
4,332,000	4,765,000	Lbs. Wool.

IOWA

Has 217,044 Farms.
Average 156.3 Acres.

1,544,717	Farm Population.	
1916.	LIVE STOCK.	1917.
1,391,000	Dairy Cows.	1,405,000
2,737,000	Other Cattle.	2,754,000
9,069,000	Swine.	9,370,000
1,274,000	Sheep.	1,240,000
20,500	Goats.	21,000
1,584,000	Horses.	1,552,000
61,000	Mules.	62,000
1,700	Jack Stock.	1,700
1918.	LIVE STOCK.	1919.
1,405,000	Dairy Cows.	1,381,000
2,919,000	Other Cattle.	2,861,000
10,307,000	Swine.	10,925,000
1,224,000	Sheep.	1,322,000
1,583,000	Horses.	1,567,000
69,000	Mules.	68,000

1915 1916 CROPS.

15,557,000	10,450,000	Bu. Wheat.
303,000,000	366,825,000	Bu. Corn.
198,000,000	186,850,000	Bu. Oats.
10,943,000	8,702,000	Bu. Barley.
1,110,000	935,000	Bu. Rye.
91,000	150,000	Bu. Buckwheat.
162,000	180,000	Bu. Flaxseed.
15,540,000	4,830,000	Bu. White Potatoes.
285,000	273,000	Bu. Sweet Potatoes.
5,576,000	5,796,000	Tons Tame Hay.
1,116,000	845,000	Tons Wild Hay.
3,220,000	1,375,000	Barrels Apples.
112,000	64,000	Bu. Peaches.
106,000	63,000	Bu. Pears.
210,800	162,155	Bu. Onions.
28,100	10,800	Tons Cabbage.
5,325,000	4,875,000	Lbs. Wool.
1917	1918	CROPS.
8,350,000	19,659,000	Bu. Wheat.
410,700,000	375,624,000	Bu. Corn.
246,750,000	229,572,000	Bu. Oats.
10,000,000	11,340,000	Bu. Barley.
900,000	1,026,000	Bu. Rye.
132,000	240,000	Bu. Buckwheat.
132,000	143,000	Bu. Flaxseed.
000	000	Bu. Rice.
13,109,000	9,648,000	Bu. White Potatoes.
270,000	279,000	Bu. Sweet Potatoes.
3,887,000	4,286,000	Tons Tame Hay.
738,000	738,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
42,000	000	Bu. Beans.
7,200	14,760	Tons Cabbage.
30,000	22,000	Bu. Clover Seed.

5,775,000	1,620,000 Bu. Apples.
30,000	000 Bu. Peaches.
82,000	32,000 Bu. Pears.
4,500,000	4,815,000 Lbs. Wool.

KANSAS

Has 177,841 Farms.
Average 244.0 Acres.

1,107,159 Farm Population.

1916.	LIVE STOCK.	1917.
762,000	Dairy Cows.	900,000
1,945,000	Other Cattle.	2,115,000
3,815,000	Swine.	2,535,000
341,000	Sheep.	348,000
8,800	Goats.	9,000
1,109,000	Horses.	1,120,000
245,000	Mules.	265,000
5,400	Mules.	5,500
1918.	LIVE STOCK.	1919.
945,000	Dairy Cows.	964,000
2,354,000	Other Cattle.	2,401,000
2,566,000	Swine.	2,381,000
418,000	Sheep.	460,000
1,142,000	Horses.	1,153,000
280,000	Mules.	260,000

CROPS.

1915	1916	CROPS.
106,538,000	98,022,000 Bu. Wheat.	
172,050,000	69,500,000 Bu. Corn.	
43,725,000	36,425,000 Bu. Oats.	
8,370,000	4,800,000 Bu. Barley.	
800,000	667,000 Bu. Rye.	
14,000	..... Bu. Buckwheat.	
205,000	174,000 Bu. Flaxseed.	
5,893,000	4,970,000 Bu. White Potatoes.	
440,000	368,000 Bu. Sweet Potatoes.	
4,062,000	2,604,000 Tons Tame Hay.	
2,240,000	1,650,000 Tons Wild Hay.	
2,125,000	1,040,000 Barrels Apples.	
2,516,000	172,000 Bu. Peaches.	
133,000	172,000 Bu. Pears.	
1,240,000	1,320,000 Lbs. Wool.	
1917	1918	CROPS.
45,934,000	102,008,000 Bu. Wheat.	
128,184,000	43,523,000 Bu. Corn.	
70,804,000	51,238,000 Bu. Oats.	
7,500,000	6,640,000 Bu. Barley.	
1,140,000	2,431,000 Bu. Rye.	
000	000 Bu. Buckwheat.	
238,000	205,000 Bu. Flaxseed.	
000	000 Bu. Rice.	
4,446,000	4,240,000 Bu. White Potatoes.	
368,000	320,000 Bu. Sweet Potatoes.	
2,217,000	2,617,000 Tons Tame Hay.	
1,044,000	848,000 Tons Wild Hay.	
000	000 Lbs. Tobacco.	
000	000 Bales Cotton.	
31,890,000	20,107,000 Bu. Kafirs.	
12,000	8,500 Tons Broom Corn.	
11,000	8,000 Bu. Clover Seed.	
5,176,000	2,139,000 Bu. Apples.	
121,000	000 Bu. Peaches.	
140,000	38,000 Bu. Pears.	
1,450,000	1,624,000 Lbs. Wool.	

KENTUCKY

Has 259,185 Farms.
Average 85.6 Acres.

1,734,463 Farm Population.

1916.	LIVE STOCK.	1917.
406,000	Dairy Cows.	418,000
570,000	Other Cattle.	570,000
1,709,000	Swine.	1,589,000
1,555,000	Sheep.	1,155,000
29,000	Goats.	30,000
434,000	Horses.	434,000
229,000	Mules.	224,000
4,600	Jack Stock.	4,700
1918.	LIVE STOCK.	1919.
435,000	Dairy Cows.	444,000
581,000	Other Cattle.	599,000
1,716,000	Swine.	1,748,000
1,270,000	Sheep.	1,274,000
443,000	Horses.	430,000
224,000	Mules.	231,000
1915	1916	CROPS.
9,900,000	8,610,000 Bu. Wheat.	
114,000,000	95,200,000 Bu. Corn.	
5,460,000	6,300,000 Bu. Oats.	
180,000	156,000 Bu. Barley.	
288,000	246,000 Bu. Rye.	
6,426,000	4,116,000 Bu. White Potatoes.	
1,050,000	900,000 Bu. Sweet Potatoes.	
1,225,000	1,415,000 Tons Tame Hay.	

6,000	6,000	Tons Wild Hay.
4,170,000	2,147,000	Barrels Apples.
1,320,000	880,000	Bu. Peaches.
264,000	160,000	Bu. Pears.
356,400,000	435,600,000	Lbs. Tobacco.
3,125,000	3,185,000	Lbs. Wool.
1917	1918	CROPS.
9,000,000	12,120,000	Bu. Wheat.
122,850,000	93,600,000	Bu. Corn.
8,060,000	9,600,000	Bu. Oats.
140,000	196,000	Bu. Barley.
375,000	884,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
6,720,000	5,625,000	Bu. White Potatoes.
1,140,000	1,235,000	Bu. Sweet Potatoes.
1,268,000	1,391,000	Tons Tame Hay.
8,000	5,000	Tons Wild Hay.
426,600,000	427,500,000	Lbs. Tobacco.
000	000	Bales Cotton.
16,000	34,000	Bu. Clover Seed.
7,140,000	3,780,000	Bu. Apples.
1,034,000	110,000	Bu. Peaches.
204,000	140,000	Bu. Pears.
2,969,000	3,058,000	Lbs. Wool.

LOUISIANA

Has 120,546 Farms.
Average 86.6 Acres.

1,159,872 Farm Population.

1916.	LIVE STOCK.	1917.
271,000	Dairy Cows.	274,000
475,000	Other Cattle.	475,000
1,553,000	Swine.	1,584,000
185,000	Sheep.	240,000
57,000	Goats.	58,000
193,000	Horses.	195,000
132,000	Mules.	139,000
1918.	LIVE STOCK.	1919.
324,000	Dairy Cows.	363,000
578,000	Other Cattle.	690,000
1,568,000	Swine.	1,599,000
209,000	Sheep.	230,000
207,000	Horses.	213,000
156,000	Mules.	164,000
1915	1916	CROPS.
45,100,000	44,814,000 Bu. Corn.	
3,000,000	2,090,000 Bu. Oats.	
13,714,000	20,392,000 Bu. Rice.	
1,428,000	1,625,000 Bu. White Potatoes.	
5,930,000	5,760,000 Bu. Sweet Potatoes.	
438,000	429,000 Tons Tame Hay.	
35,000	42,000 Tons Wild Hay.	
341,063	440,000 Bales Cotton.	
126,000	90,000 Pounds Tobacco.	
456,000	569,000 Bu. Peaches.	
55,000	49,000 Bu. Pears.	
2,000,000	4,172,000 Tons Sugar Cane.	
536,000	590,000 Lbs. Wool.	
1917	1918	CROPS.
000	000 Bu. Wheat.	
42,246,000	29,600,000 Bu. Corn.	
1,873,000	2,000,000 Bu. Oats.	
000	000 Bu. Barley.	
000	000 Bu. Rye.	
000	000 Bu. Buckwheat.	
000	000 Bu. Flaxseed.	
18,250,000	17,980,000 Bu. Rice.	
1,604,000	4,345,000 Bu. White Potatoes.	
4,898,000	4,875,000 Bu. Sweet Potatoes.	
416,000	260,000 Tons Tame Hay.	
39,000	30,000 Tons Wild Hay.	
210,000	126,000 Lbs. Tobacco.	
615,000	525,000 Bales Cotton.	
120,000	108,000 Bu. Peanuts.	
000	000 Bu. Apples.	
478,000	615,000 Bu. Peaches.	
52,000	52,000 Bu. Pears.	
560,000	591,000 Lbs. Wool.	

MAINE

Has 60,016 Farms.
Average 104.9 Acres.

360,928 Farm Population.

1916.	LIVE STOCK.	1917.
159,000	Dairy Cows.	162,000
104,000	Other Cattle.	110,000
102,000	Swine.	100,000
162,000	Sheep.	157,000
112,000	Horses.	109,000
1918.	LIVE STOCK.	1919.
170,000	Dairy Cows.	175,000

127,000	Other Cattle.	142,000
100,000	Swine.	110,000
163,000	Sheep.	173,000
109,000	Horses.	107,000
1915	1916	CROPS.
112,000	135,000	Bu. Wheat.
656,000	645,000	Bu. Corn.
6,080,000	6,120,000	Bu. Oats.
132,000	156,000	Bu. Barley.
338,000	336,000	Bu. Buckwheat.
22,010,000	25,500,000	Bu. White Potatoes.
1,397,000	1,740,000	Tons Tame Hay.
23,000	27,000	Tons Wild Hay.
720,000	1,680,000	Barrels Apples.
30,000	38,000	Bu. Pears.
850,000	850,000	Lbs. Wool.
1917	1918	CROPS.
154,000	506,000	Bu. Wheat.
780,000	1,125,000	Bu. Corn.
4,930,000	6,760,000	Bu. Oats.
117,000	300,000	Bu. Barley.
000	000	Bu. Rye.
322,000	420,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
20,250,000	22,400,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,566,000	1,375,000	Tons Tame Hay.
21,000	21,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
330,000	000	Bales Cotton.
4,617,000	2,287,000	Bu. Beans.
000	000	Bu. Apples.
24,000	000	Bu. Peaches.
833,000	20,000	Bu. Pears.
	883,000	Lbs. Wool.

MARYLAND

Has 48,923 Farms.
Average 103.4 Acres.

637,154 Farm Population.

1916.	LIVE STOCK.	1917.
181,000	Dairy Cows.	183,000
125,000	Other Cattle.	125,000
359,000	Swine.	359,000
223,000	Sheep.	223,000
2,000	Goats.	2,000
169,000	Horses.	169,000
25,000	Mules.	25,000
1918.	LIVE STOCK.	1919.
181,000	Dairy Cows.	177,000
134,000	Other Cattle.	135,000
388,000	Swine.	434,000
234,000	Sheep.	246,000
171,000	Horses.	171,000
25,000	Mules.	25,000
1915	1916	CROPS.
10,272,000	10,240,000	Bu. Wheat.
24,850,000	27,300,000	Bu. Corn.
1,530,000	1,357,000	Bu. Oats.
170,000	192,000	Bu. Barley.
396,000	356,000	Bu. Rye.
220,000	189,000	Bu. Buckwheat.
4,268,000	4,085,000	Bu. White Potatoes.
1,040,000	1,134,000	Bu. Sweet Potatoes.
468,000	688,000	Tons Tame Hay.
4,000	6,000	Tons Wild Hay.
16,280,000	19,635,000	Pounds Tobacco.
800,000	843,000	Barrels Apples.
1,248,000	610,000	Bu. Peaches.
483,000	378,000	Bu. Pears.
750,000	750,000	Lbs. Wool.
1917	1918	CROPS.
11,475,000	11,346,000	Bu. Wheat.
23,080,000	24,010,000	Bu. Corn.
1,457,000	1,980,000	Bu. Oats.
156,000	186,000	Bu. Barley.
284,000	450,000	Bu. Rye.
220,000	280,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
6,000,000	4,000,000	Bu. White Potatoes.
1,180,000	1,430,000	Bu. Sweet Potatoes.
552,000	639,000	Tons Tame Hay.
6,000	6,000	Tons Wild Hay.
22,594,000	23,738,000	Lbs. Tobacco.
000	000	Bales Cotton.
2,525,000	2,365,000	Bu. Apples.
875,000	600,000	Bu. Peaches.
525,000	465,000	Bu. Pears.
758,000	773,000	Lbs. Wool.

MASSACHUSETTS

Has 36,917 Farms.
Average 79.9 Acres.

241,049 Farm Population.

1916.	LIVE STOCK.	1917.
155,000	Dairy Cows.	160,000
35,000	Other Cattle.	38,000
112,000	Swine.	112,000
28,000	Sheep.	25,000
1,200	Goats.	1,200
63,000	Horses.	59,000
1918.	LIVE STOCK.	1919.
154,000	Dairy Cows.	165,000
97,000	Other Cattle.	100,000
113,000	Swine.	147,000
28,000	Sheep.	28,000
57,000	Horses.	54,000
1915	1916	CROPS.
2,304,000	1,764,000	Bu. Corn.
324,000	480,000	Bu. Oats.
60,000	56,000	Bu. Rye.
32,000	32,000	Bu. Buckwheat.
3,120,000	2,275,000	Bu. White Potatoes.
1,357,358	1,292,000	Bu. Onions.
705,000	749,000	Tons Tame Hay.
25,000	24,000	Tons Wild Hay.
9,680,000	12,118,000	Pounds Tobacco.
885,000	221,000	Barrels Cranberries.
152,000	1,150,000	Barrels Apples.
75,000	66,000	Bu. Peaches.
115,000	114,000	Bu. Pears.
	125,000	Lbs. Wool.
1917	1918	CROPS.
000	000	Bu. Wheat.
2,806,000	2,080,000	Bu. Corn.
444,000	480,000	Bu. Oats.
000	000	Bu. Barley.
57,000	80,000	Bu. Rye.
30,000	32,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
4,370,000	4,788,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
690,000	563,000	Tons Tame Hay.
24,000	21,000	Tons Wild Hay.
11,833,000	15,000,000	Lbs. Tobacco.
000	000	Bales Cotton.
40,000	000	Bu. Beans.
2,186,000	2,446,000	Bu. Apples.
145,000	9,000	Bu. Peaches.
71,000	77,000	Bu. Pears.
90,000	200,000	Bbls. Cranberries.
119,000	119,000	Lbs. Wool.

MICHIGAN

Has 206,960 Farms.
Average 91.5 Acres.

1,483,129 Farm Population.

1916.	LIVE STOCK.	1917.
847,000	Dairy Cows.	856,000
735,000	Other Cattle.	720,000
1,462,000	Swine.	1,345,000
1,931,000	Sheep.	1,834,000
5,800	Goats.	6,000
680,000	Horses.	680,000
4,000	Mules.	4,000
1918.	LIVE STOCK.	1919.
874,000	Dairy Cows.	848,000
752,000	Other Cattle.	729,000
1,372,000	Swine.	1,355,000
1,926,000	Sheep.	2,119,000
680,000	Horses.	666,000
4,000	Mules.	4,000
1915	1916	CROPS.
20,448,000	13,600,000	Bu. Wheat.
56,000,000	45,375,000	Bu. Corn.
64,260,000	42,600,000	Bu. Oats.
2,508,000	2,450,000	Bu. Barley.
6,045,000	4,648,000	Bu. Rye.
870,000	825,000	Bu. Buckwheat.
20,945,000	15,360,000	Bu. White Potatoes.
41,400	17,400	Tons Cabbage.
223,920	204,820	Bu. Onions.
3,458,000	4,372,000	Tons Tame Hay.
39,000	51,000	Tons Wild Hay.
1,071,000	604,000	Tons Sugar Beets.
4,250,000	3,102,000	Bu. Beans.
3,150,000	4,160,000	Barrels Apples.
2,360,000	2,010,000	Bu. Peaches.
550,000	836,000	Bu. Pears.
3,118	2,134	Acres Celery.
8,075,000	8,275,000	Lbs. Wool.
1917	1918	CROPS.
15,210,000	10,716,000	Bu. Wheat.

37,625,000	48,300,000	Bu. Corn.
56,575,000	66,320,000	Bu. Oats.
3,445,000	8,332,000	Bu. Barley.
8,115,000	6,752,000	Bu. Rye.
675,000	785,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
35,910,000	28,560,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
3,837,000	2,676,000	Tons Tame Hay.
45,000	40,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
596,000	000	Bales Cotton.
3,515,000	873,000	Tons Sugar Beets.
53,500	4,887,000	Bu. Beans.
176,000	38,130	Tons Cabbage.
5,160,000	121,000	Bu. Clover Seed.
744,000	10,966,000	Bu. Apples.
1,080,000	248,000	Bu. Peaches.
8,192,000	704,000	Bu. Pears.
	8,765,000	Lbs. Wool.

MINNESOTA

Has 156,137 Farms.

Average 177.3 Acres.

1,225,414 Farm Population.

1916.	LIVE STOCK.	1917.
1,210,000	Dairy Cows.	1,302,000
1,232,000	Other Cattle.	1,340,000
1,716,000	Swine.	1,733,000
536,000	Sheep.	541,000
4,000	Goats.	4,000
872,000	Horses.	900,000
6,000	Mules.	6,000
1918.	LIVE STOCK.	1919.
1,328,000	Dairy Cattle.	1,368,000
1,540,000	Other Cattle.	1,632,000
2,241,000	Swine.	2,784,000
568,000	Sheep.	642,000
944,000	Horses.	950,000
6,000	Mules.	6,000

1915	1916	CROPS.
73,420,000	27,555,000	Bu. Wheat.
62,100,000	84,120,000	Bu. Corn.
134,375,000	88,112,000	Bu. Oats.
41,170,000	26,125,000	Bu. Barley.
5,850,000	5,025,000	Bu. Rye.
122,000	150,000	Bu. Buckwheat.
3,150,000	2,338,000	Bu. Flaxseed.
30,210,000	16,800,000	Bu. White Potatoes.
21,000	9,700	Tons Cabbage.
385,125	211,768	Bu. Onions.
3,209,000	3,496,000	Tons Tame Hay.
2,565,000	2,888,000	Tons Wild Hay.
412,000	422,000	Barrels Apples.
2,660,000	2,695,000	Lbs. Wool.
1917	1918	CROPS.
57,965,000	70,710,000	Bu. Wheat.
90,000,000	110,000,000	Bu. Corn.
120,250,000	134,562,000	Bu. Oats.
37,800,000	43,400,000	Bu. Barley.
7,585,000	8,700,000	Bu. Rye.
154,000	255,000	Bu. Buckwheat.
1,980,000	3,120,000	Bu. Flaxseed.
000	000	Bu. Rice.
33,600,000	32,760,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
2,868,000	2,590,000	Tons Tame Hay.
2,356,000	2,054,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
23,240	17,100	Tons Cabbage.
55,000	18,000	Bu. Clover Seed.
1,445,000	792,000	Bu. Apples.
000	000	Bu. Peaches.
000	000	Bu. Pears.
2,964,000	3,112,000	Lbs. Wool.

MISSISSIPPI

Has 274,382 Farms.

Average 67.6 Acres.

1,589,803 Farm Population.

1916.	LIVE STOCK.	1917.
447,000	Dairy Cows.	450,000
535,000	Other Cattle.	535,000
1,617,000	Swine.	1,698,000
208,000	Sheep.	193,000
48,000	Goats.	50,000
243,000	Horses.	243,000
292,000	Mules.	292,000
1,800	Jack Stock.	1,900
1918.	LIVE STOCK.	1919.
508,000	Dairy Cows.	549,000
644,000	Other Cattle.	708,000
1,902,000	Swine.	2,282,000

174,000	Sheep.	183,000
253,000	Horses.	256,000
307,000	Mules.	316,000
1915	1916	CROPS.
100,000	90,000	Bu. Wheat.
69,350,000	47,600,000	Bu. Corn.
5,375,000	5,760,000	Bu. Oats.
15,000	53,000	Bu. Rice.
1,170,000	780,000	Bu. White Potatoes.
8,250,000	6,314,000	Bu. Sweet Potatoes.
350,000	371,000	Tons Tame Hay.
50,000	52,000	Tons Wild Hay.
954,000	800,000	Bales Cotton.
141,000	116,000	Barrels Apples.
1,540,000	1,000,000	Bu. Peaches.
160,000	90,000	Bu. Pears.
520,000	540,000	Lbs. Wool.
1917	1918	CROPS.
210,000	495,000	Bu. Wheat.
84,050,000	66,300,000	Bu. Corn.
5,700,000	5,600,000	Bu. Oats.
000	000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
63,000	69,000	Bu. Rice.
1,092,000	1,600,000	Bu. White Potatoes.
5,525,000	8,455,000	Bu. Sweet Potatoes.
371,000	416,000	Tons Tame Hay.
49,000	38,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
895,000	1,210,000	Bales Cotton.
136,000	153,000	Bu. Peanuts.
315,000	488,000	Bu. Apples.
355,000	1,386,000	Bu. Peaches.
30,000	136,000	Bu. Pears.
491,619	619,000	Lbs. Wool.

MISSOURI

Has 277,244 Farms.

Average 124.8 Acres.

1,894,518 Farm Population.

1916.	LIVE STOCK.	1917.
837,000	Dairy Cows.	845,000
1,555,000	Other Cattle.	1,600,000
4,505,000	Swine.	4,280,000
1,446,000	Sheep.	1,370,000
74,000	Goats.	75,000
1,084,000	Horses.	1,040,000
329,000	Mules.	350,000
12,800	Jack Stock.	14,000
1918.	LIVE STOCK.	1919.
910,000	Dairy Cows.	919,000
1,782,000	Other Cattle.	1,782,000
4,708,000	Swine.	4,943,000
1,466,000	Sheep.	1,589,000
1,040,000	Horses.	1,040,000
367,000	Mules.	374,000
1915	1916	CROPS.
34,108,000	16,575,000	Bu. Wheat.
209,450,000	132,112,000	Bu. Corn.
31,850,000	32,250,000	Bu. Oats.
125,000	100,000	Bu. Barley.
338,000	231,000	Bu. Rye.
45,000	56,000	Bu. Buckwheat.
48,000	35,000	Bu. Flaxseed.
10,000	10,000	Bu. Rice.
8,820,000	5,460,000	Bu. White Potatoes.
700,000	490,000	Bu. Sweet Potatoes.
4,636,000	4,355,000	Tons Tame Hay.
150,000	154,000	Tons Wild Hay.
47,995	62,000	Bales Cotton.
3,150,000	3,040,000	Pounds Tobacco.
6,237,000	2,700,000	Barrels Apples.
3,300,000	1,080,000	Bu. Peaches.
204,000	164,000	Bu. Pears.
4,890,000	4,625,000	Lbs. Wool.

1917	1918	CROPS.
27,540,000	53,154,000	Bu. Wheat.
252,000,000	133,860,000	Bu. Corn.
59,200,000	44,196,000	Bu. Oats.
150,000	259,000	Bu. Barley.
441,000	476,000	Bu. Rye.
90,000	91,000	Bu. Buckwheat.
51,000	48,000	Bu. Flaxseed.
38,000	25,000	Bu. Rice.
9,483,000	6,954,000	Bu. White Potatoes.
896,000	728,000	Bu. Sweet Potatoes.
3,637,000	2,590,000	Tons Tame Hay.
139,000	102,000	Tons Wild Hay.
2,320,000	2,970,000	Lbs. Tobacco.
51,000	70,000	Bales Cotton.
92,000	000	Bu. Beans.
18,000	16,000	Bu. Peanuts.
85,000	38,000	Bu. Clover Seed.
7,818,000	4,245,000	Bu. Apples.

800,000	000 Bu. Peaches.
265,000	112,000 Bu. Pears.
4,810,000	5,532,000 Lbs. Wool.

MONTANA

Has 26,214 Farms.
Average 516.7 Acres.

242,633 Farm Population.

1916.	LIVE STOCK.	1917.
129,000	Dairy Cows.	148,000
894,000	Other Cattle.	983,000
298,000	Swine.	269,000
3,911,000	Sheep.	3,744,000
4,500	Goats.	5,000
430,000	Horses.	452,000
4,000	Mules.	4,000
1918.	LIVE STOCK.	1919.
179,000	Dairy Cows.	197,000
980,000	Other Cattle.	1,020,000
215,000	Swine.	200,000
3,045,000	Sheep.	2,984,000
506,000	Horses.	557,000
5,000	Mules.	5,000

1915	1916	CROPS.
33,285,000	28,655,000	Bu. Wheat.
1,960,000	1,850,000	Bu. Corn.
31,200,000	25,080,000	Bu. Oats.
2,720,000	2,660,000	Bu. Barley.
225,000	205,000	Bu. Rye.
1,890,000	3,088,000	Bu. Flaxseed.
6,045,000	4,875,000	Bu. White Potatoes.
1,550,000	1,402,000	Tons Tame Hay.
701,004	581,000	Tons Wild Hay.
347,000	256,000	Barrels Apples.
12,000	6,000	Bu. Pears.
26,950,000	24,570,000	Wool.

1917	1918	CROPS.
17,963,000	25,434,000	Bu. Wheat.
1,012,000	2,100,000	Bu. Corn.
13,600,000	20,400,000	Bu. Oats.
1,350,000	1,914,000	Bu. Barley.
114,000	240,000	Bu. Rye.
000	000	Bu. Buckwheat.
1,266,000	2,844,000	Bu. Flaxseed.
000	000	Bu. Rice.
5,415,000	7,020,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,063,000	1,227,000	Tons Tame Hay.
402,000	362,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
911,000	790,000	Bu. Apples.
000	000	Bu. Peaches.
11,000	6,000	Bu. Pears.
23,342,000	23,342,000	Lbs. Wool.

NEBRASKA

Has 129,678 Farms.
Average 297.8 Acres.

881,362 Farm Population.

1916.	LIVE STOCK.	1917.
650,000	Dairy Cows.	676,000
2,237,000	Other Cattle.	2,349,000
4,246,000	Swine.	4,309,000
374,000	Sheep.	581,000
3,000	Goats.	3,500
1,028,000	Horses.	1,018,000
98,000	Mules.	112,000
2,100	Jack Stock.	2,200
1918.	LIVE STOCK.	1919.
703,000	Dairy Cows.	662,000
2,892,000	Other Cattle.	2,940,000
4,200,000	Swine.	4,250,000
408,000	Sheep.	367,000
1,049,000	Horses.	1,040,000
118,000	Mules.	100,000

1915	1916	CROPS.
72,154,000	68,550,000	Bu. Wheat.
213,000,000	192,400,000	Bu. Corn.
70,400,000	79,875,000	Bu. Oats.
3,255,000	3,080,000	Bu. Barley.
3,500,000	3,072,000	Bu. Rye.
20,000	17,000	Bu. Buckwheat.
77,000	32,000	Bu. Flaxseed.
11,550,000	7,605,000	Bu. White Potatoes.
4,290,000	4,070,000	Tons Tame Hay.
3,480,000	3,130,000	Tons Wild Hay.
1,267,000	567,000	Barrels Apples.
120,000	29,000	Bu. Peaches.
18,000	10,000	Bu. Pears.
1,665,000	1,830,000	Lbs. Wool.

1917	1918	CROPS.
13,764,000	43,141,000	Bu. Wheat.
249,480,000	123,056,000	Bu. Corn.
115,444,000	56,188,000	Bu. Oats.
5,644,000	5,650,000	Bu. Barley.
3,354,000	5,005,000	Bu. Rye.
32,000	28,000	Bu. Buckwheat.
28,000	38,000	Bu. Flaxseed.
000	000	Bu. Rice.
12,495,000	10,406,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
2,544,000	2,381,000	Tons Tame Hay.
2,611,000	2,368,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
5,000	6,000	Bu. Clover Seed.
618,000	459,000	Bu. Apples.
000	000	Bu. Peaches.
14,000	6,000	Bu. Pears.
1,600,000	1,696,000	Lbs. Wool.

NEVADA

Has 2,689 Farms.
Average 1,009.6 Acres.

68,508 Farm Population.

1916.	LIVE STOCK.	1917.
25,000	Dairy Cows.	26,000
472,000	Other Cattle.	470,000
40,000	Swine.	37,000
1,532,000	Sheep.	1,455,000
4,800	Goats.	5,000
77,000	Horses.	73,000
3,000	Mules.	3,000
1918.	LIVE STOCK.	1919.
28,000	Dairy Cows.	20,000
517,000	Other Cattle.	533,000
37,000	Swine.	40,000
1,630,000	Sheep.	1,520,000
75,000	Horses.	75,000
3,000	Mules.	3,000

1915	1916	CROPS.
1,660,000	1,592,000	Bu. Wheat.
35,000	34,000	Bu. Corn.
585,000	602,000	Bu. Oats.
576,000	492,000	Bu. Barley.
2,236,000	2,660,000	Bu. White Potatoes.
675,000	540,000	Tons Tame Hay.
225,000	171,000	Tons Wild Hay.
40,000	16,000	Barrels Apples.
7,000	1,000	Bu. Peaches.
4,000	2,000	Bu. Pears.
9,500,000	10,000,000	Lbs. Wool.

1917	1918	CROPS.
1,140,000	1,070,000	Bu. Wheat.
60,000	64,000	Bu. Corn.
560,000	532,000	Bu. Oats.
420,000	408,000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
3,105,000	1,539,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
679,000	575,000	Tons Tame Hay.
270,000	101,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
192,000	175,000	Bu. Apples.
6,000	15,000	Bu. Peaches.
6,000	6,000	Bu. Pears.
9,000,000	10,000,000	Lbs. Wool.

NEW HAMPSHIRE

Has 27,053 Farms.
Average 120.1 Acres.

175,473 Farm Population.

1916.	LIVE STOCK.	1917.
97,000	Dairy Cows.	97,000
65,000	Other Cattle.	63,000
55,000	Swine.	53,000
37,000	Sheep.	35,000
47,000	Horses.	44,000
1918.	LIVE STOCK.	1919.
102,000	Dairy Cows.	107,000
71,000	Other Cattle.	74,000
56,000	Swine.	66,000
37,000	Sheep.	39,000
45,900	Horses.	42,000

1915	1916	CROPS.
990,000	874,000	Bu. Corn.
456,000	444,000	Bu. Oats.
30,000	28,000	Bu. Barley.
30,000	20,000	Bu. Buckwheat.

1,520,000	1,800,000	Bu. White Potatoes.
504,000	767,000	Tons Tame Hay.
17,000	23,000	Tons Wild Hay.
140,000	165,000	Pounds Tobacco.
353,000	532,000	Barrels Apples.
58,000	24,000	Bu. Peaches.
18,000	25,000	Bu. Pears.
185,000	185,000	Lbs. Wool.
1917	1918	CROPS.
000	000	Bu. Wheat.
1,092,000	1,260,000	Bu. Corn.
532,000	912,000	Bu. Oats.
31,000	32,000	Bu. Barley.
000	000	Bu. Rye.
38,000	34,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
2,247,000	2,940,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
630,000	543,000	Tons Tame Hay.
21,000	21,000	Tons Wild Hay.
167,000	000	Lbs. Tobacco.
000	000	Bales Cotton.
100,000	000	Bu. Beans.
1,035,000	1,944,000	Bu. Apples.
47,000	000	Bu. Peaches.
19,000	15,000	Bu. Pears.
183,000	192,000	Lbs. Wool.

NEW JERSEY

Has 33,487 Farms.
Average 76.9 Acres.

629,957 Farm Population.

1916.	LIVE STOCK.	1917.
152,000	Dairy Cows.	155,000
73,000	Other Cattle.	74,000
161,000	Swine.	163,000
29,000	Sheep.	29,000
92,000	Horses.	92,000
4,000	Mules.	4,000
1918.	LIVE STOCK.	1919.
152,000	Dairy Cows.	150,000
74,000	Other Cattle.	74,000
174,000	Swine.	209,000
26,000	Sheep.	29,000
90,000	Horses.	89,000
4,000	Mules.	4,000

1915 1916 CROPS.

1,560,000	1,800,000	Bu. Wheat.
10,830,000	10,800,000	Bu. Corn.
2,275,000	2,070,000	Bu. Oats.
1,420,000	1,380,000	Bu. Rye.
210,000	285,000	Bu. Buckwheat.
12,090,000	10,370,000	Bu. White Potatoes.
3,565,000	2,300,000	Bu. Sweet Potatoes.
523,000	585,000	Tons Tame Hay.
34,000	45,000	Tons Wild Hay.
184,000	103,000	Barrels Cranberries.
777,000	750,000	Barrels Apples.
1,275,000	662,000	Bu. Peaches.
596,000	687,000	Bu. Pears.
95,000	80,000	Lbs. Wool.
1917	1918	CROPS.
1,691,000	1,700,000	Bu. Wheat.
12,771,000	11,439,000	Bu. Corn.
2,482,000	3,400,000	Bu. Oats.
000	000	Bu. Barley.
1,276,000	1,350,000	Bu. Rye.
288,000	396,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
11,172,000	8,464,000	Bu. White Potatoes.
2,880,000	2,875,000	Bu. Sweet Potatoes.
508,000	490,000	Tons Tame Hay.
44,000	39,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
80,000	000	Bu. Beans.
2,041,000	2,464,000	Bu. Apples.
871,000	792,000	Bu. Peaches.
590,000	650,000	Bu. Pears.
129,000	114,000	Bbls. Cranberries.
80,000	88,000	Lbs. Wool.

NEW MEXICO

Has 35,676 Farms.
Average 315.9 Acres.

280,730 Farm Population

1916.	LIVE STOCK.	1917.
76,000	Dairy Cows.	85,000
1,090,000	Other Cattle.	1,145,000
91,000	Swine.	101,000
3,440,000	Sheep.	3,300,000
412,000	Goats.	420,000

234,000	Horses.	250,000
17,000	Mules.	19,000
11,800	Jack Stock.	12,000
1918.	LIVE STOCK.	1919.
88,000	Dairy Cows.	84,000
1,179,000	Other Cattle.	1,325,000
86,000	Swine.	93,000
3,135,000	Sheep.	3,135,000
272,000	Horses.	261,000
19,000	Mules.	20,000

1915	1916	CROPS.
2,156,000	2,104,000	Bu. Wheat.
2,730,000	2,625,000	Bu. Corn.
2,160,000	1,856,000	Bu. Oats.
264,000	308,000	Bu. Barley.
800,000	816,000	Bu. White Potatoes.
442,000	370,000	Tons Tame Hay.
25,000	13,000	Tons Wild Hay.
368,000	425,000	Bu. Beans.
293,000	119,000	Barrels Apples.
154,000	40,000	Bu. Peaches.
64,000	36,000	Bu. Pears.
18,620,000	18,240,000	Lbs. Wool.

1917	1918	CROPS.
2,582,000	3,334,000	Bu. Wheat.
3,400,000	4,250,000	Bu. Corn.
1,350,000	1,260,000	Bu. Oats.
364,000	392,000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
1,276,000	1,000,000	Bu. White Potatoes.
236,000	250,000	Bu. Sweet Potatoes.
384,000	361,000	Tons Tame Hay.
28,000	20,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
958,000	596,000	Bu. Beans.
3,510,000	3,582,000	Bu. Apples.
657,000	683,000	Bu. Pears.
60,000	85,000	Bu. Peaches.
46,000	56,000	Bu. Pears.
18,422,000	17,132,000	Lbs. Wool.

NEW YORK

Has 215,597 Farms.
Average 102.2 Acres.

1,928,120 Farm Population.

1916.	LIVE STOCK.	1917.
1,539,000	Dairy Cows.	1,539,000
939,000	Other Cattle.	939,000
799,000	Swine.	759,000
849,000	Sheep.	840,000
3,400	Goats.	4,000
609,000	Horses.	609,000
4,000	Mules.	4,000
1918.	LIVE STOCK.	1919.
1,524,000	Dairy Cows.	1,478,000
1,005,000	Other Cattle.	911,000
842,000	Swine.	814,000
840,000	Sheep.	840,000
597,000	Horses.	578,000

1915	1916	CROPS.
9,750,000	9,030,000	Bu. Wheat.
24,200,000	16,200,000	Bu. Corn.
54,270,000	31,356,000	Bu. Oats.
2,720,000	1,887,000	Bu. Barley.
2,805,000	2,713,000	Bu. Rye.
5,320,000	3,480,000	Bu. Buckwheat.
22,010,000	22,400,000	Bu. White Potatoes.
5,200	4,404	Acres Celery.
359,000	96,000	Tons Cabbage.
3,602,137	1,292,265	Bu. Onions.
5,850,000	7,290,000	Tons Tame Hay.
55,000	104,000	Tons Wild Hay.
5,280,000	4,551,000	Pounds Tobacco.
1,250,000	720,000	Bu. Beans.
8,528,000	12,600,000	Barrels Apples.
2,106,000	1,215,000	Bu. Peaches.
1,375,000	1,675,000	Bu. Pears.
3,180,000	3,550,000	Lbs. Wool.

1917	1918	CROPS.
8,385,000	7,840,000	Bu. Wheat.
26,010,000	29,520,000	Bu. Corn.
44,625,000	51,660,000	Bu. Oats.
3,080,000	3,938,000	Bu. Barley.
2,565,000	1,848,000	Bu. Rye.
5,940,000	4,725,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
38,000,000	34,960,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
6,110,000	5,375,000	Tons Tame Hay.
58,000	69,000	Tons Wild Hay.

3,125,000	3,750,000	Lbs. Tobacco.
000	000	Bales Cotton.
1,575,000	1,660,000	Bu. Beans.
349,680	274,350	Tons Cabbage.
2,880,000	1,254,000	Lbs. Hops.
12,000	000	Bu. Clover Seed.
14,059,000	37,255,000	Bu. Apples.
2,244,000	1,167,000	Bu. Peaches.
1,708,000	1,355,000	Bu. Pears.
12,000	14,000	Bu. Clover Seed.
3,514,000	3,830,000	Lbs. Wool.

NORTH CAROLINA

Has 253,725 Farms.
Average 88.4 Acres.

1,887,813 Farm Population.

1916.	LIVE STOCK.	1917.
321,000	Dairy Cows.	315,000
387,000	Other Cattle.	364,000
1,601,000	Swine.	1,550,000
170,000	Sheep.	140,000
35,000	Goats.	36,000
182,000	Horses.	185,000
196,000	Mules.	200,000
1,000	Jack Stock.	1,100
1918.	LIVE STOCK.	1919.
309,000	Dairy Cows.	315,000
375,000	Other Cattle.	379,000
1,464,000	Swine.	1,546,000
137,000	Sheep.	138,000
137,000	Horses.	181,000
207,000	Mules.	208,000
1915	1916	CROPS.
10,355,000	9,975,000	Bu. Wheat.
64,050,000	53,650,000	Bu. Corn.
8,050,000	6,562,000	Bu. Oats.
575,000	534,000	Bu. Rye.
175,000	175,000	Bu. Buckwheat.
4,000	4,000	Bu. Rice.
3,150,000	3,230,000	Bu. White Potatoes.
8,925,000	9,309,000	Bu. Sweet Potatoes.
648,000	507,000	Tons Tame Hay.
60,000	44,000	Tons Wild Hay.
708,000	646,000	Bales Cotton.
198,400,000	176,000,000	Pounds Tobacco.
1,972,000	2,358,000	Barrels Apples.
1,955,000	897,000	Bu. Peaches.
150,000	75,000	Bu. Pears.
545,000	570,000	Lbs. Wool.
1917	1918	CROPS.
9,765,000	7,105,000	Bu. Wheat.
60,000,000	64,365,000	Bu. Corn.
5,780,000	6,500,000	Bu. Oats.
000	000	Bu. Barley.
520,000	480,000	Bu. Rye.
240,000	294,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
5,000	10,000	Bu. Rice.
4,500,000	4,275,000	Bu. White Potatoes.
8,550,000	8,910,000	Bu. Sweet Potatoes.
528,000	684,000	Tons Tame Hay.
10,000	42,000	Tons Wild Hay.
204,750,000	282,000,000	Lbs. Tobacco.
570,000	870,000	Bales Cotton.
7,676,000	7,200,000	Bu. Peanuts.
6,156,000	5,460,000	Bu. Apples.
1,541,000	1,035,000	Bu. Peaches.
150,000	108,000	Bu. Pears.
553,000	570,000	Lbs. Wool.

NORTH DAKOTA

Has 74,360 Farms.
Average 382.3 Acres.

513,820 Farm Population.

1916.	LIVE STOCK.	1917.
373,000	Dairy Cows.	410,000
577,000	Other Cattle.	629,000
706,000	Swine.	650,000
250,000	Sheep.	250,000
1,000	Goats.	1,000
801,000	Horses.	825,000
9,000	Mules.	9,000
1918.	LIVE STOCK.	1919.
434,000	Dairy Cows.	429,000
650,000	Other Cattle.	612,000
507,000	Swine.	456,000
252,000	Sheep.	265,000
842,000	Horses.	850,000
9,000	Mules.	9,000
1915	1916	CROPS.
151,970,000	39,352,000	Bu. Wheat.

9,800,000	13,515,000	Bu. Corn.
98,000,000	53,750,000	Bu. Oats.
44,800,000	26,738,000	Bu. Barley.
2,700,000	4,655,000	Bu. Rye.
6,534,000	8,137,000	Bu. Flaxseed.
7,200,000	6,975,000	Bu. White Potatoes.
660,000	884,000	Tons Tame Hay.
2,500,000	2,670,000	Tons Wild Hay.
1,260,000	1,350,000	Lbs. Wool.

1917	1918	CROPS.
56,000,000	101,010,000	Bu. Wheat.
5,310,000	9,196,000	Bu. Corn.
38,625,000	60,512,000	Bu. Oats.
22,812,000	37,281,000	Bu. Barley.
9,880,000	20,422,000	Bu. Rye.
000	000	Bu. Buckwheat.
3,764,000	000	Bu. Flaxseed.
000	000	Bu. Rice.
3,870,000	8,910,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
484,000	574,000	Tons Tame Hay.
1,417,000	1,904,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
000	000	Bu. Apples.
000	000	Bu. Peaches.
000	000	Bu. Pears.
1,418,000	1,560,000	Lbs. Wool.

OHIO

Has 272,045 Farms.
Average 88.6 Acres.

2,101,978 Farm Population.

1916.	LIVE STOCK.	1917.
922,000	Dairy Cows.	950,000
872,000	Other Cattle.	863,000
3,713,000	Swine.	3,527,000
3,067,000	Sheep.	2,944,000
5,600	Goats.	6,000
901,000	Horses.	892,000
26,000	Mules.	26,000
1918.	LIVE STOCK.	1919.
910,000	Dairy Cattle.	1,030,000
954,000	Other Cattle.	1,102,000
3,774,000	Swine.	4,266,000
3,091,000	Sheep.	2,980,000
883,000	Horses.	891,000
26,000	Mules.	28,000
1915	1916	CROPS.
40,194,000	20,250,000	Bu. Wheat.
156,040,000	115,762,000	Bu. Corn.
69,003,000	48,076,000	Bu. Oats.
930,000	917,000	Bu. Barley.
1,750,000	1,088,000	Bu. Rye.
414,000	336,000	Bu. Buckwheat.
12,546,000	6,300,000	Bu. White Potatoes.
95,000	99,000	Bu. Sweet Potatoes.
1,058	1,097	Acres Celery.
27,100	11,900	Tons Cabbage.
272,034	1,445,109	Bu. Onions.
4,049,000	4,867,000	Tons Tame Hay.
3,000	3,000	Tons Wild Hay.
84,330,000	95,000,000	Pounds Tobacco.
289,000	183,000	Tons Sugar Beets.
5,984,000	2,867,000	Barrels Apples.
2,399,000	1,305,000	Bu. Peaches.
560,000	376,000	Bu. Pears.
13,600,000	13,650,000	Lbs. Wool.

1917	1918	CROPS.
41,140,000	43,543,000	Bu. Wheat.
150,100,000	135,200,000	Bu. Corn.
78,100,000	79,200,000	Bu. Oats.
1,320,000	3,150,000	Bu. Barley.
1,872,000	1,887,000	Bu. Rye.
464,000	448,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
16,000,000	11,040,000	Bu. White Potatoes.
95,000	96,000	Bu. Sweet Potatoes.
4,154,000	4,095,000	Tons Tame Hay.
3,000	3,000	Tons Wild Hay.
99,072,000	113,288,000	Lbs. Tobacco.
000	000	Bales Cotton.
242,300	328,900	Tons Sugar Beets.
35,000	000	Bu. Beans.
38,610	000	Tons Cabbage.
231,000	139,000	Bu. Clover Seed.
6,336,000	8,316,000	Bu. Apples.
496,000	348,000	Bu. Peaches.
334,000	304,000	Bu. Pears.
12,000,000	12,600,000	Lbs. Wool.

OKLAHOMA

Has 190,192 Farms.
Average 151.7 Acres.

1,337,000 Farm Population.

1916.	LIVE STOCK.	1917.
519,000	Dairy Cows.	535,000
1,186,000	Other Cattle.	1,222,000
1,491,000	Swine.	1,372,000
95,000	Sheep.	104,000
22,000	Goats.	26,000
743,000	Horses.	743,000
232,000	Mules.	276,000
5,900	Jack Stock.	6,000
1918.	LIVE STOCK.	1919.
562,000	Dairy Cows.	561,000
1,404,000	Other Cattle.	1,444,000
1,219,000	Swine.	1,036,000
208,000	Sheep.	125,000
737,000	Horses.	744,000
276,000	Mules.	288,000
1915	1916	CROPS.
36,540,000	29,585,000	Bu. Wheat.
123,900,000	53,325,000	Bu. Corn.
37,800,000	15,070,000	Bu. Oats.
212,000	100,000	Bu. Barley.
81,000	90,000	Bu. Rye.
2,975,000	1,802,000	Bu. White Potatoes.
1,380,000	962,000	Bu. Sweet Potatoes.
1,058,000	825,000	Tons Tame Hay.
791,000	645,000	Tons Wild Hay.
630,000	835,000	Bales Cotton.
780,000	275,000	Bu. Apples.
2,408,000	300,000	Bu. Peaches.
68,000	11,000	Bu. Pears.
490,000	500,000	Lbs. Wool.
1917	1918	CROPS.
36,650,000	32,899,000	Bu. Wheat.
33,150,000	24,375,000	Bu. Corn.
26,450,000	33,120,000	Bu. Oats.
162,000	136,000	Bu. Barley.
90,000	88,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
2,484,000	1,258,000	Bu. White Potatoes.
1,350,000	975,000	Bu. Sweet Potatoes.
920,000	677,000	Tons Tame Hay.
450,000	336,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
890,000	550,000	Bales Cotton.
000	000	Tons Sugar Beets.
000	000	Bu. Beans.
22,400,000	15,260,000	Bu. Kaffirs.
26,250	16,100	Tons Broom Corn.
544,000	440,000	Bu. Peanuts.
1,300,000	453,000	Bu. Apples.
1,130,000	303,000	Bu. Peaches.
45,000	38,000	Bu. Pears.
450,000	518,000	Lbs. Wool.

OREGON

Has 45,705 Farms.
Average 256.8 Acres.

365,705 Farm Population.

1916.	LIVE STOCK.	1917.
216,000	Dairy Cows.	222,000
553,000	Other Cattle.	577,000
396,000	Swine.	315,000
2,563,000	Sheep.	2,484,000
185,000	Goats.	188,000
295,000	Horses.	286,000
10,000	Mules.	10,000
1918.	LIVE STOCK.	1919.
227,000	Dairy Cows.	222,000
683,000	Other Cattle.	703,000
309,000	Swine.	348,000
2,148,000	Sheep.	2,497,000
309,000	Horses.	303,000
10,000	Mules.	10,000
1915	1916	CROPS.
20,025,000	19,550,000	Bu. Wheat.
1,155,000	1,340,000	Bu. Corn.
16,060,000	17,380,000	Bu. Oats.
4,690,000	5,390,000	Bu. Barley.
414,000	510,000	Bu. Rye.
5,520,000	8,250,000	Bu. White Potatoes.
276,400	363,500	Bu. Onions.
1,870,000	1,955,000	Tons Tame Hay.
268,000	220,000	Tons Wild Hay.
1,043,000	1,283,000	Barrels Apples.
432,000	276,000	Bu. Peaches.
525,000	555,000	Bu. Pears.
14,820,000	13,200,000	Lbs. Wool.

1917	1918	CROPS.
12,811,000	15,228,000	Bu. Wheat.
1,260,000	1,364,000	Bu. Corn.
9,125,000	9,025,000	Bu. Oats.
5,278,000	4,450,000	Bu. Barley.
356,000	492,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
8,100,000	5,500,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,638,000	1,467,000	Tons Tame Hay.
218,000	194,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
5,000,000	3,500,000	Lbs. Hops.
30,000	21,000	Bu. Clover Seed.
3,500,000	3,500,000	Bu. Apples.
250,000	118,000	Bu. Peaches.
600,000	672,000	Bu. Pears.
29,545	26,565	Tons Cabbage.
12,000,000	12,500,000	Lbs. Wool.

PENNSYLVANIA

Has 219,295 Farms.
Average 84.8 Acres.

3,034,441 Farm Population.

1916.	LIVE STOCK.	1917.
971,000	Dairy Cows.	980,000
657,000	Other Cattle.	664,000
1,210,000	Swine.	1,174,000
856,000	Sheep.	835,000
3,800	Goats.	4,000
602,000	Horses.	596,000
47,000	Mules.	48,000
1918.	LIVE STOCK.	1919.
960,000	Dairy Cows.	979,000
717,000	Other Cattle.	731,000
1,291,000	Swine.	1,430,000
913,000	Sheep.	959,000
590,000	Horses.	578,000
48,000	Mules.	48,000
1915	1916	CROPS.
24,605,000	26,125,000	Bu. Wheat.
58,520,520	56,550,000	Bu. Corn.
43,320,000	25,030,000	Bu. Oats.
236,000	300,000	Bu. Barley.
4,932,000	4,420,000	Bu. Rye.
5,754,000	3,780,000	Bu. Buckwheat.
20,160,000	19,040,000	Bu. White Potatoes.
105,000	100,000	Bu. Sweet Potatoes.
2,737	2,553	Acres Celery.
101,000	74,400	Bu. Onions.
4,340,000	5,203,000	Tons Tame Hay.
14,000	23,000	Tons Wild Hay.
42,390,000	49,096,000	Pounds Tobacco.
5,085,000	6,207,000	Barrels Apples.
2,044,000	1,058,000	Bu. Peaches.
494,000	509,000	Bu. Pears.
4,030,000	4,225,000	Lbs. Wool.
1917	1918	CROPS.
24,482,000	24,718,000	Bu. Wheat.
62,212,000	62,400,000	Bu. Corn.
41,125,000	47,190,000	Bu. Oats.
364,000	420,000	Bu. Barley.
4,420,000	4,250,000	Bu. Rye.
6,300,000	5,850,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
29,532,000	24,400,000	Bu. White Potatoes.
110,000	120,000	Bu. Sweet Potatoes.
4,329,000	4,272,000	Tons Tame Hay.
15,000	13,000	Tons Wild Hay.
58,100,000	64,752,000	Lbs. Tobacco.
104,000	000	Bu. Beans.
7,000	000	Bu. Clover Seed.
12,150,000	17,775,000	Bu. Apples.
1,440,000	1,210,000	Bu. Peaches.
448,000	000	Bu. Pears.
10,000	16,000	Bu. Clover Seed.
4,225,000	4,774,000	Lbs. Wool.

RHODE ISLAND

Has 5,292 Farms.
Average 83.8 Acres.

17,956 Farm Population.

1916.	LIVE STOCK.	1917.
22,000	Dairy Cows.	22,000
10,000	Other Cattle.	11,000
15,000	Swine.	14,000
6,000	Sheep.	5,000
9,000	Horses.	8,000

1918.	LIVE STOCK.	1919.
21,000	Dairy Cows.	20,000
12,000	Other Cattle.	13,000
16,000	Swine.	14,000
6,000	Sheep.	7,000
8,000	Horses.	8,000

1915	1916	CROPS.
516,000	341,000	Bu. Corn.
66,000	54,000	Bu. Oats.
550,000	370,000	Bu. White Potatoes.
71,000	81,000	Tons Tame Hay.
1,000	1,000	Tons Wild Hay.
59,000	87,000	Barrels Apples.
29,000	14,000	Bu. Peaches.
10,000	14,000	Bu. Pears.
25,000	25,000	Lbs. Wool.

1917	1918	CROPS.
000	000	Bu. Wheat.
546,000	572,000	Bu. Corn.
62,000	84,000	Bu. Oats.
000	000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
675,000	650,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
90,000	75,000	Tons Tame Hay.
1,000	1,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
198,000	201,000	Bu. Apples.
20,000	000	Bu. Peaches.
7,000	000	Bu. Pears.
24,000	24,000	Lbs. Wool.

SOUTH CAROLINA

Has 176,434 Farms.

Average 76.6 Acres.

1,290,568 Farm Population.

1916.	LIVE STOCK.	1917.
189,000	Dairy Cows.	189,000
215,000	Other Cattle.	215,000
917,000	Swine.	920,000
30,000	Sheep.	30,000
27,000	Goats.	26,000
84,000	Horses.	85,000
171,000	Mules.	174,000

1918.	LIVE STOCK.	1919.
193,000	Dairy Cows.	203,000
232,000	Other Cattle.	244,000
966,000	Swine.	1,056,000
31,000	Sheep.	29,000
85,000	Horses.	82,000
179,000	Mules.	194,000

1915	1916	CROPS.
2,430,000	2,226,000	Bu. Wheat.
35,558,000	32,008,000	Bu. Corn.
9,975,000	9,000,000	Bu. Oats.
30,000	49,000	Bu. Rye.
90,000	49,000	Bu. Rice.
880,000	750,000	Bu. White Potatoes.
6,235,000	5,676,000	Bu. Sweet Potatoes.
286,000	325,000	Tons Tame Hay.
14,000	15,000	Tons Wild Hay.
1,160,000	920,000	Bales Cotton.
37,700,000	20,280,000	Pounds Tobacco.
221,000	186,000	Barrels Apples.
864,000	541,000	Bu. Peaches.
91,000	56,000	Bu. Pears.
160,000	95,000	Lbs. Wool.

1917	1918	CROPS.
1,838,000	2,255,000	Bu. Wheat.
43,947,000	38,250,000	Bu. Corn.
6,000,000	11,000,000	Bu. Oats.
000	000	Bu. Barley.
170,000	202,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
75,000	104,000	Bu. Rice.
1,440,000	2,856,000	Bu. White Potatoes.
7,600,000	7,600,000	Bu. Sweet Potatoes.
280,000	286,000	Tons Tame Hay.
10,000	10,000	Tons Wild Hay.
51,120,000	62,208,000	Lbs. Tobacco.
1,235,000	1,500,000	Bales Cotton.
450,000	630,000	Bu. Peanuts.
818,000	800,000	Bu. Apples.
1,130,000	1,064,000	Bu. Peaches.
100,000	980,000	Bu. Pears.
95,000	103,000	Lbs. Wool.

SOUTH DAKOTA

Has 77,644 Farms.

Average 335.1 Acres.

507,215 Farm Population.

1916.	LIVE STOCK.	1917.
485,000	Dairy Cows.	524,000
1,064,000	Other Cattle.	1,181,000
1,314,000	Swine.	1,432,000
604,000	Sheep.	658,000
2,100	Goats.	2,400
759,000	Horses.	774,000
15,000	Mules.	15,000

1918.	LIVE STOCK.	1919.
555,000	Dairy Cows.	561,000
1,438,000	Other Cattle.	1,496,000
1,504,000	Swine.	1,654,000
750,000	Sheep.	810,000
811,000	Horses.	827,000
16,000	Mules.	16,000

1915	1916	CROPS.
63,762,000	24,825,000	Bu. Wheat.
94,250,000	84,075,000	Bu. Corn.
72,450,000	56,425,000	Bu. Oats.
24,000,000	18,728,000	Bu. Barley.
3,900,000	4,500,000	Bu. Rye.
1,650,000	1,395,000	Bu. Flaxseed.
7,280,000	4,290,000	Bu. White Potatoes.
1,220,000	1,387,000	Tons Tame Hay.
4,340,000	3,909,000	Tons Wild Hay.
100,000	116,000	Barrels Apples.
3,150,000	3,560,000	Lbs. Wool.

1917	1918	CROPS.
52,024,000	71,305,000	Bu. Wheat.
97,150,000	108,188,000	Bu. Corn.
65,450,000	84,240,000	Bu. Oats.
26,520,000	41,300,000	Bu. Barley.
5,600,000	10,350,000	Bu. Rye.
000	000	Bu. Buckwheat.
950,000	1,368,000	Bu. Flaxseed.
000	000	Bu. Rice.
7,200,000	8,190,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,102,000	1,235,000	Tons Tame Hay.
2,925,000	3,185,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
349,000	109,000	Bu. Apples.
000	000	Bu. Peaches.
000	000	Bu. Pears.
3,738,000	4,747,000	Lbs. Wool.

TENNESSEE

Has 246,012 Farms.

Average 81.5 Acres.

1,743,744 Farm Population.

1916.	LIVE STOCK.	1917.
366,000	Dairy Cows.	366,000
518,000	Other Cattle.	528,000
1,531,000	Swine.	1,485,000
661,000	Sheep.	650,000
43,000	Goats.	44,000
349,000	Horses.	350,000
272,000	Mules.	270,000
7,900	Jack Stock.	8,000

1918.	LIVE STOCK.	1919.
373,000	Dairy Cows.	380,000
554,000	Other Cattle.	587,000
1,634,000	Swine.	1,965,000
666,000	Sheep.	567,000
350,000	Horses.	357,000
273,000	Mules.	278,000

1915	1916	CROPS.
9,030,000	7,958,000	Bu. Wheat.
94,500,000	84,500,000	Bu. Corn.
8,746,000	7,560,000	Bu. Oats.
144,000	237,000	Bu. Barley.
189,000	150,000	Bu. Rye.
54,000	54,000	Bu. Buckwheat.
3,168,000	2,952,000	Bu. White Potatoes.
2,835,000	2,700,000	Bu. Sweet Potatoes.
1,396,000	1,449,000	Tons Tame Hay.
32,000	38,000	Tons Wild Hay.
295,000	378,000	Bales Cotton.
69,675,000	81,760,000	Pounds Tobacco.
2,025,000	1,772,000	Barrels Apples.
2,460,000	1,080,000	Bu. Peaches.
195,000	59,000	Bu. Pears.
1,870,000	1,870,000	Lbs. Wool.

1917	1918	CROPS.
4,830,000	7,500,000	Bu. Wheat.
111,150,000	84,000,000	Bu. Corn.
7,350,000	8,125,000	Bu. Oats.

120,000	184,000 Bu. Barley.
120,000	300,000 Bu. Rye.
68,000	90,000 Bu. Buckwheat.
000	000 Bu. Flaxseed.
000	000 Bu. Rice.
4,888,000	3,500,000 Bu. White Potatoes.
2,850,000	2,940,000 Bu. Sweet Potatoes.
1,142,000	1,620,000 Tons Tame Hay.
31,000	34,000 Tons Wild Hay.
81,810,000	62,240,000 Lbs. Tobacco.
206,000	330,000 Bales Cotton.
60,000	000 Bu. Beans.
450,000	684,000 Bu. Peanuts.
12,000	12,000 Bu. Clover Seed.
5,000,000	4,700,000 Bu. Apples.
900,000	840,000 Bu. Peaches.
75,000	112,000 Bu. Pears.
1,776,000	1,954,000 Lbs. Wool.

TEXAS

Has 417,770 Farms.
Average 269.1 Acres.

2,958,438 Farm Population.

1916.	LIVE STOCK.	1917.
1,119,000	Dairy Cows.	1,175,000
5,428,000	Other Cattle.	5,482,000
3,197,000	Swine.	3,229,000
2,156,000	Sheep.	2,328,000
1,135,000	Goats.	1,150,000
1,180,000	Horses.	1,156,000
768,000	Mules.	760,000
20,000	Jack Stock.	21,000
1918.	LIVE STOCK.	1919.
1,128,000	Dairy Cows.	1,060,000
4,660,000	Other Cattle.	3,961,000
3,068,000	Swine.	2,620,000
2,188,000	Sheep.	2,232,000
1,312,000	Horses.	1,164,000
808,000	Mules.	792,000

1915	1916	CROPS.
22,862,000	13,200,000 Bu.	Wheat.
175,070,000	131,100,000 Bu.	Corn.
44,375,000	42,750,000 Bu.	Oats.
252,000	153,000 Bu.	Barley.
24,000	20,000 Bu.	Rye.
7,930,000	10,575,000 Bu.	Rice.
2,730,000	2,000,000 Bu.	White Potatoes.
5,880,000	7,120,000 Bu.	Sweet Potatoes.
765,000	576,000 Tons	Tame Hay.
343,000	262,000 Tons	Wild Hay.
3,175,000	3,775,000 Bales	Cotton.
100,000	140,000 Pounds	Tobacco
187,000	156,000 Barrels	Apples.
4,235,000	3,025,000 Bu.	Peaches.
301,000	322,000 Bu.	Pears.
9,750,000	10,250,000 Lbs.	Wool.
1917	1918	CROPS.
16,200,000	8,920,000 Bu.	Wheat.
77,285,000	69,000,000 Bu.	Corn.
37,050,000	22,197,000 Bu.	Oats.
180,000	170,000 Bu.	Barley.
20,000	22,000 Bu.	Rye.
000	000 Bu.	Flaxseed.
6,210,000	7,840,000 Bu.	Rice.
2,760,000	3,300,000 Bu.	White Potatoes.
6,552,000	5,046,000 Bu.	Sweet Potatoes.
450,000	581,000 Tons	Tame Hay.
164,000	128,000 Tons	Wild Hay.
134,000	000 Lbs.	Tobacco.
3,115,000	2,580,000 Bales	Cotton.
14,766,000	24,075,000 Bu.	Kafir.
8,400,000	19,200 Tons	Broom Corn.
16,200,000	7,117,000 Bu.	Peanuts.
345,000	198,000 Bu.	Apples.
2,352,000	2,041,000 Bu.	Peaches.
280,000	246,000 Bu.	Pears.
10,045,000	11,250,000 Lbs.	Wool.

UTAH

Has 21,676 Farms.
Average 156.7 Acres.

200,417 Farm Population.

1916.	LIVE STOCK.	1917.
96,000	Dairy Cows.	91,000
408,000	Other Cattle.	408,000
112,000	Swine.	101,000
2,089,000	Sheep.	2,089,000
28,000	Goats.	29,000
146,000	Horses.	138,000
2,000	Mules.	2,000
1,100	Jack Stock.	1,300

1918.	LIVE STOCK.	1919.
96,000	Dairy Cows.	101,000
457,000	Other Cattle.	480,000
102,000	Swine.	123,000
2,340,000	Sheep.	2,410,000
115,000	Horses.	148,000
2,000	Mules.	2,000
1915	1916	CROPS.
8,825,000	6,900,000 Bu. Wheat.	
412,000	429,000 Bu. Corn.	
4,700,000	4,480,000 Bu. Oats.	
1,445,000	1,224,000 Bu. Barley.	
202,000	144,000 Bu. Rye.	
2,500,000	3,600,000 Bu. White Potatoes.	
985,000	845,000 Tons Tame Hay.	
110,000	102,000 Tons Wild Hay.	
691,000	941,000 Tons Sugar Beets.	
142,000	33,000 Barrels Apples.	
212,000	90,000 Bu. Peaches.	
31,000	12,000 Bu. Pears.	
15,000,000	15,000,000 Lbs. Wool.	
1917	1918	CROPS.
5,650,000	6,464,000 Bu. Wheat.	
500,000	672,000 Bu. Corn.	
4,400,000	4,410,000 Bu. Oats.	
1,221,000	1,120,000 Bu. Barley.	
104,000	208,000 Bu. Rye.	
000	000 Bu. Buckwheat.	
000	000 Bu. Flaxseed.	
000	000 Bu. Rice.	
4,347,000	3,600,000 Bu. White Potatoes.	
000	000 Bu. Sweet Potatoes.	
1,137,000	1,020,000 Tons Tame Hay.	
119,000	70,000 Tons Wild Hay.	
000	000 Lbs. Tobacco.	
000	000 Bales Cotton.	
776,000	1,012,900 Tons Sugar Beets.	
650,000	780,000 Bu. Apples.	
900,000	1,080,000 Bu. Peaches.	
48,000	51,000 Bu. Pears.	
14,800,000	15,800,000 Lbs. Wool.	

VERMONT

Has 32,709 Farms.
Average 142.6 Acres.

187,013 Farm Population.

1916.	LIVE STOCK.	1917.
273,000	Dairy Cows.	281,000
170,000	Other Cattle.	172,000
113,000	Swine.	113,000
100,000	Sheep.	100,000
89,000	Horses.	89,000
1918.	LIVE STOCK.	1919.
295,000	Dairy Cows.	281,000
189,000	Other Cattle.	194,000
120,000	Swine.	125,000
106,000	Sheep.	107,000
89,000	Horses.	88,000
1915	1916	CROPS.
30,000	25,000 Bu. Wheat.	
2,256,000	1,935,000 Bu. Corn.	
3,493,000	2,560,000 Bu. Oats.	
420,000	412,000 Bu. Barley.	
17,000	20,000 Bu. Rye.	
216,000	210,000 Bu. Buckwheat.	
2,592,000	2,576,000 Bu. White Potatoes.	
1,310,000	1,666,000 Tons Tame Hay.	
14,000	18,000 Tons Wild Hay.	
130,000	160,000 Pounds Tobacco.	
324,000	1,104,000 Barrels Apples.	
17,000	24,000 Bu. Pears.	
590,000	580,000 Lbs. Wool.	
1917	1918	CROPS.
120,000	396,000 Bu. Wheat.	
2,538,000	1,710,000 Bu. Corn.	
3,168,000	4,223,000 Bu. Oats.	
493,000	496,000 Bu. Barley.	
20,000	21,000 Bu. Rye.	
286,000	294,000 Bu. Buckwheat.	
000	000 Bu. Flaxseed.	
000	000 Bu. Rice.	
3,000,000	3,380,000 Bu. White Potatoes.	
000	000 Bu. Sweet Potatoes.	
1,531,000	1,291,000 Tons Tame Hay.	
13,000	12,000 Tons Wild Hay.	
165,000	000 Lbs. Tobacco.	
100,000	000 Bu. Beans.	
1,286,000	1,002,000 Bu. Apples.	
000	000 Bu. Peaches.	
14,000	13,000 Bu. Pears.	
14,620	16,160 Tons Cabbage.	
597,000	663,000 Lbs. Wool.	

VIRGINIA

Has 184,018 Farms.
Average 105.9 Acres.

1,585,083 Farm Population.

1916.	LIVE STOCK.	1917.
359,000	Dairy Cows.	373,000
472,000	Other Cattle.	486,000
1,023,000	Swine.	1,023,000
734,000	Sheep.	686,000
7,000	Goats.	7,000
361,000	Horses.	361,000
64,000	Mules.	64,000
1918.	LIVE STOCK.	1919.
377,000	Dairy Cows.	424,000
510,000	Other Cattle.	567,000
1,105,000	Swine.	1,134,000
686,000	Sheep.	713,000
365,000	Horses.	369,000
65,000	Mules.	66,000

1917	1918	CROPS.
29,218,000	26,429,000	Bu. Wheat.
1,517,000	1,634,000	Bu. Corn.
11,240,000	8,370,000	Bu. Oats.
4,930,000	2,630,000	Bu. Barley.
89,000	70,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
9,875,000	8,580,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,778,000	1,429,000	Tons Tame Hay.
41,000	35,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
128,000	000	Bu. Beans.
4,200,000	2,939,000	Lbs. Hops.
17,897,000	16,489,000	Bu. Apples.
504,000	1,130,000	Bu. Peaches.
595,000	630,000	Bu. Pears.
4,813,000	5,504,000	Lbs. Wool.

WEST VIRGINIA

Has 96,685 Farms.
Average 103.7 Acres.

992,877 Farm Population.

1915	1916	CROPS.
16,974,000	16,250,000	Bu. Wheat.
60,562,000	60,990,000	Bu. Corn.
5,625,000	5,750,000	Bu. Oats.
348,000	358,000	Bu. Barley.
1,015,000	938,000	Bu. Rye.
320,000	480,000	Bu. Buckwheat.
17,500,000	16,230,000	Bu. White Potatoes.
3,740,000	5,070,000	Bu. Sweet Potatoes.
945,000	1,066,000	Tons Tame Hay.
12,900	6,100	Tons Cabbage.
9,000	9,000	Tons Wild Hay.
16,800	29,000	Bales Cotton.
144,375,000	129,200,000	Pounds Tobacco.
4,393,000	4,433,000	Barrels Apples.
1,300,000	598,000	Bu. Peaches.
261,000	122,000	Bu. Pears.
1,835,000	1,900,000	Lbs. Wool.
1917	1918	CROPS.
17,920,000	15,600,000	Bu. Wheat.
72,275,000	56,000,000	Bu. Corn.
5,512,000	5,175,000	Bu. Oats.
360,000	324,000	Bu. Barley.
1,155,000	1,200,000	Bu. Rye.
696,000	798,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
19,800,000	11,750,000	Bu. White Potatoes.
4,160,000	3,360,000	Bu. Sweet Potatoes.
986,000	1,542,000	Tons Tame Hay.
10,000	9,000	Tons Wild Hay.
129,500,000	146,300,000	Lbs. Tobacco.
16,000	26,000	Bales Cotton.
15,050	000	Tons Cabbage.
5,775,000	5,880,000	Bu. Peaches.
9,974,000	9,000,000	Bu. Apples.
800,000	578,000	Bu. Peaches.
194,000	119,000	Bu. Pears.
1,862,000	1,918,000	Lbs. Wool.

1916.	LIVE STOCK.	1917.
341,000	Dairy Cows.	245,000
362,000	Other Cattle.	369,000
378,000	Swine.	380,000
796,000	Sheep.	715,000
5,700	Goats.	6,000
194,000	Horses.	196,000
12,000	Mules.	12,000
1918.	LIVE STOCK.	1919.
245,000	Dairy Cows.	243,000
373,000	Other Cattle.	366,000
422,000	Swine.	439,000
751,000	Sheep.	789,000
196,000	Horses.	194,000
12,000	Mules.	12,000

1915	1916	CROPS.
4,500,000	4,610,000	Bu. Wheat.
25,200,000	22,112,000	Bu. Corn.
3,430,000	3,220,000	Bu. Oats.
224,000	320,000	Bu. Rye.
836,000	659,000	Bu. Buckwheat.
5,850,000	4,224,000	Bu. White Potatoes.
220,000	280,000	Bu. Sweet Potatoes.
1,095,000	1,270,000	Tons Tame Hay.
7,000	7,000	Tons Wild Hay.
9,831,000	12,690,000	Pounds Tobacco.
2,513,000	3,334,000	Barrels Apples.
1,164,000	520,000	Bu. Peaches.
63,000	42,000	Bu. Pears.
2,750,000	2,750,000	Lbs. Wool.
1917	1918	CROPS.
4,410,000	4,942,000	Bu. Wheat.
25,020,000	24,800,000	Bu. Corn.
3,861,000	4,320,000	Bu. Oats.
000	000	Bu. Barley.
270,000	301,000	Bu. Rye.
900,000	915,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
7,475,000	5,220,000	Bu. White Potatoes.
280,000	212,000	Bu. Sweet Potatoes.
1,003,000	1,037,000	Tons Tame Hay.
7,000	7,000	Tons Wild Hay.
9,040,000	9,792,000	Lbs. Tobacco.
144,000	000	Bu. Beans.
5,994,000	8,174,000	Bu. Apples.
608,000	850,000	Bu. Peaches.
33,000	33,000	Bu. Pears.
2,695,000	2,830,000	Lbs. Wool.

WASHINGTON

Has 56,192 Farms.
Average 208.4 Acres.

536,460 Farm Population.

1916.	LIVE STOCK.	1917.
263,000	Dairy Cows.	263,000
221,000	Other Cattle.	275,000
314,000	Swine.	283,000
568,000	Sheep.	585,000
8,500	Goats.	9,000
308,000	Horses.	305,000
15,000	Mules.	18,000
1918.	LIVE STOCK.	1919.
266,000	Dairy Cows.	216,000
294,000	Other Cattle.	307,000
283,000	Swine.	317,000
661,000	Sheep.	780,000
309,000	Horses.	303,000
19,000	Mules.	20,000
1915	1916	CROPS.
50,394,000	37,635,000	Bu. Wheat.
1,053,000	1,406,000	Bu. Corn.
13,750,000	14,300,000	Bu. Oats.
7,263,000	6,814,000	Bu. Barley.
146,000	102,000	Bu. Rye.
8,235,000	9,900,000	Bu. White Potatoes.
232,400	299,628	Bu. Onions.
1,868,000	2,006,000	Tons Tame Hay.
32,000	42,000	Tons Wild Hay.
2,433,000	3,225,000	Barrels Apples.
566,000	415,000	Bu. Peaches.
584,000	551,000	Bu. Pears.
4,500,000	4,750,000	Lbs. Wool.

WISCONSIN

Has 177,127 Farms.
Average 119.0 Acres.

1,329,540 Farm Population.

1916.	LIVE STOCK.	1917.
1,675,000	Dairy Cows.	1,750,000
1,313,000	Other Cattle.	1,340,000
2,142,000	Swine.	2,060,000
664,000	Sheep.	645,000
5,000	Goats.	5,000
712,000	Horses.	715,000
3,000	Mules.	3,000
1918.	LIVE STOCK.	1919.
1,785,000	Dairy Cows.	1,803,000
1,394,000	Other Cattle.	1,436,000
2,019,000	Swine.	2,181,000

651,000	Sheep.	716,000
708,000	Horses.	694,000
3,000	Mules.	3,000
1915	1916	CROPS.
4,632,000	3,315,000	Bu. Wheat.
40,825,000	60,840,000	Bu. Corn.
99,175,000	81,400,000	Bu. Oats.
23,288,000	18,300,000	Bu. Barley.
7,770,000	6,055,000	Bu. Rye.
234,000	280,000	Bu. Buckwheat.
94,000	60,000	Bu. Flaxseed.
25,926,000	13,630,000	Bu. White Potatoes.
134,500	58,000	Tons Cabbage.
36,000	31,000	Barrels Cranberries.
285,950	220,932	Bu. Onions.
4,508,000	4,420,000	Tons Tame Hay.
420,000	481,000	Tons Wild Hay.
36,900,000	55,753,000	Pounds Tobacco.
2,250,000	2,510,000	Pounds Wool.
23,000	26,000	Bu. Pears.
1,473,000	878,000	Barrels Apples.
1917	1918	CROPS.
5,327,000	10,716,000	Bu. Wheat.
12,196,000	69,538,000	Bu. Corn.
99,000,000	110,162,000	Bu. Oats.
19,200,000	25,383,000	Bu. Barley.
7,585,000	7,674,000	Bu. Rye.
281,000	636,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
34,998,000	33,040,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
4,595,000	3,537,000	Tons Tame Hay.
427,000	413,000	Tons Wild Hay.
45,885,000	65,170,000	Lbs. Tobacco.
000	000	Bales Cotton.
262,000	000	Bu. Beans.
121,000	93,000	Tons Cabbage.
300,000	336,000	Bu. Clover Seed.
3,029,000	2,061,000	Bu. Apples.
000	000	Bu. Peaches.
000	000	Bu. Pears.
30,000	36,100	Bbls. Cranberries.
000	110,400	Tons Sugar Beets.
2,501,000	2,850,000	Lbs. Wool.

WYOMING

Has 10,987 Farms.		
Average 717 Acres.		
102,744 Farm Population.		
1916.	LIVE STOCK.	1917.
50,000	Dairy Cows.	55,000
703,000	Other Cattle.	825,000
70,000	Swine.	69,000
4,338,000	Sheep.	4,381,000
3,000	Goats.	3,000
180,000	Horses.	191,000
2,000	Mules.	3,000
1918.	LIVE STOCK.	1919.
64,000	Dairy Cattle.	72,000
891,000	Other Cattle.	1,000,000
54,000	Swine.	63,000
4,100,000	Sheep.	4,018,000
209,000	Horses.	230,000
4,000	Mules.	4,000

1915	1916	CROPS.
3,315,000	3,560,000	Bu. Wheat.
625,000	550,000	Bu. Corn.
9,534,000	8,575,000	Bu. Oats.
612,000	825,000	Bu. Barley.
180,000	155,000	Bu. Rye.
26,000	14,000	Bu. Flaxseed.
2,400,000	2,340,000	Bu. White Potatoes.
1,210,000	1,044,000	Tons Tame Hay.
299,000	255,000	Tons Wild Hay.
29,200,000	31,000,000	Lbs. Wool.
1917	1918	CROPS.
4,206,000	6,600,000	Bu. Wheat.
660,000	1,000,000	Bu. Corn.
9,468,000	11,685,000	Bu. Oats.
783,000	1,110,000	Bu. Barley.
252,000	450,000	Bu. Rye.
000	000	Bu. Buckwheat.
20,000	27,000	Bu. Flaxseed.
000	000	Bu. Rice.
4,650,000	4,500,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
952,000	1,218,000	Tons Tame Hay.
300,000	330,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
000	000	Bu. Apples.
000	000	Bu. Peaches.
000	000	Bu. Pears.
30,380,000	34,026,000	Lbs. Wool.

Farmers and Laborers.

The United States Census is responsible for the figures presented herewith, and it shows that the working farm population was 12,389,840 in 1910, and by adding 10 per cent. the total now is 13,628,824. The laborers and farm foremen enumerated were included originally in 1910 in the list of farm laborers, but now it will be nearer the correct total if the farm foremen and garden laborers are allowed to represent the increase.

State.	Total Farmers.	Total Farm Laborers.	Farm Foremen, Etc.,	Garden, Etc., Laborers.
MAINE.....	47,509	25,822	381	754
N. H.	20,175	14,380	284	536
VT.	27,673	21,028	297	382
MASS.	28,897	38,575	1,502	8,910
R. I.	4,338	6,908	201	1,433
CONN.	21,514	24,501	631	3,011
N. Y.	197,458	175,427	2,857	12,275
N. J.	30,639	45,429	905	6,965
PENN.	190,509	162,084	2,381	8,917
DEL.	10,325	12,417	87	331
MD.	44,143	65,808	843	3,737
VA.	165,417	183,509	1,543	3,358
W. VA.	87,286	72,789	568	844
N. C.	242,456	359,881	1,067	1,482
S. C.	172,387	338,461	1,206	919
GA.	286,662	433,777	1,843	2,168
FLA.	47,690	70,063	1,099	3,425
OHIO.	253,263	164,198	2,127	5,461
IND.	206,475	136,496	1,536	1,862
ILL.	248,636	198,877	2,079	5,823
MICH.	190,771	122,106	1,324	2,693
WIS.	170,605	125,940	1,040	1,527
MINN.	155,867	122,828	932	1,922
IOWA.	215,290	138,434	1,371	1,835
MO.	274,412	178,801	1,552	2,668
N. D.	76,274	54,548	566	100
S. D.	77,235	47,452	305	136
NEB.	129,593	72,898	658	650
KAS.	179,014	95,061	963	1,198
KY.	252,463	199,933	1,038	1,433
TENN.	233,752	230,658	896	1,934
ALA.	256,046	406,205	985	1,479
MISS.	271,120	400,835	1,261	1,047
LA.	118,806	216,544	1,998	1,968
TEXAS.	417,529	510,239	1,824	3,303
OKLA.	194,684	153,532	641	474
ARK.	211,042	255,151	944	967
MONT.	28,206	25,205	336	587
WYO.	11,879	12,797	109	62
COLO.	48,646	36,117	474	1,557
N. M.	32,488	33,631	159	397
ARIZ.	9,524	12,211	134	187
UTAH.	20,479	16,762	97	421
NEV.	3,032	5,542	109	85
IDAH.	32,064	20,393	260	421
WASH.	57,565	40,433	787	3,065
OREGON.	46,070	33,312	536	1,969
CALIF.	90,696	121,202	2,855	422,199
U. S.	6,147,635	6,242,205	47,591	133,927

All-Wheat Acreage.

The following table shows the winter, spring and total wheat acreage planted since and including the year 1909:

Year.	Winter Acres.	Spring Acres.	Total Acres.
1909.....	27,151,000	17,111,000	44,262,000
1910.....	27,329,000	18,352,000	45,681,000
1911.....	29,162,000	20,381,000	49,543,000
1912.....	26,571,000	19,243,000	45,814,000
3 Years...	83,062,000	57,976,000	141,038,000
1913.....	31,699,000	18,485,000	50,184,000
1914.....	36,008,000	17,533,000	53,541,000
1915.....	41,308,000	19,161,000	60,469,000
3 Years...	109,015,000	55,179,000	164,194,000
1916.....	34,709,000	17,607,000	52,316,000
1917.....	27,430,000	18,511,000	45,941,000
1918.....	36,392,000	22,489,000	58,881,000
3 Years...	98,531,000	58,607,000	157,138,000

APRICOT TREES AND PRODUCTION.

California dominates the apricot industry, where production almost doubled in ten years. In the United States in 1910 there were 3,669,714 trees of bearing age and 956,202 not then of bearing age, the production being 4,150,263 bushels, of which total California produced 4,066,823 bushels. The farms that reported having bearing trees were 139,167, and the farms having trees not of bearing age were 64,057. In the year 1899 the production of apricots was 2,642,128 bushels. In the year 1909 farms reporting trees of bearing age were 139,167 and 64,057 farms had trees not of bearing age.

State.	Trees of Bearing Age.	Trees Not of Bearing Age.	Crop, 1899, Bushels.	Crop, 1909, Bushels.
ALA....	2,342	2,494	115	952
ARIZ....	6,665	6,992	40,578	6,849
ARK....	2,954	4,820	391	1,067
CALIF..	2,992,453	581,254	2,547,064	4,066,823
COLO....	16,841	10,299	2,363	11,403
CONN....	125	497	64	24
DEL....	138	52	28	4
D. C....				
FLA....	112	66	6	6
GA....	1,611	1,079	98	440
IDAHO..	6,938	10,381	550	1,108
IND....	7,337	2,879	747	1,147
ILL....	12,328	4,246	1,437	1,250
IOWA..	5,949	2,290	378	648
KAS....	187,381	28,134	4,236	374
KY....	3,545	2,852	392	1,388
LA....	596	929	89	163
ME....	93	59		25
MD....	1,747	1,127	313	365
MASS....	654	258	25	148
MICH....	4,447	2,450	730	1,508
MINN....	66	175	2	10
MISS....	4,905	4,983	772	2,277
MO....	16,503	5,612	583	1,280
MONT....	410	245	1	88
NEB....	20,451	8,169	333	864
NEV....	1,035	879	280	524
N. H....	128	85	2	27
N. J....	582	504	201	178
N. M....	8,202	8,373	6,637	2,379
N. Y....	16,505	3,537	15,710	9,805
N. C....	2,614	1,531	245	425
N. D....	11	87		10
OHIO....	5,462	1,873	449	835
OKLA....	173,515	62,930	569	1,123
ORE....	10,657	18,128	1,665	4,616
PENN....	10,363	7,576	1,632	2,502
R. I....	46	39	12	5
S. C....	1,916	1,463	120	504
S. D....	14	856		15
TENN....	4,337	3,617	241	1,677
TEX....	60,533	41,805	1,620	1,839
UTAH....	28,978	28,639	5,272	12,047
VT....	47	44		13
VA....	3,853	3,233	678	515
WASH....	36,088	80,722	5,254	10,789
W. VA..	1,947	1,201	145	124
WIS....	593	354	57	100
WYO....	17	121		2

Total. 3,669,714 956,202 2,642,128 4,150,263

MONTHLY PRICES OF POPCORN.

The following table gives the United States estimated average price, cents per bushel, to producers of popcorn, monthly, from 1914 to 1918.

Year.	1914.	1915.	1916.	1917.	1918.
January 15..	172.3	164.7	169.3	180.0	301.9
February 15.	173.1	177.7	163.6	219.0	325.0
November 15.	159.0	140.3	181.7	267.5	593.0
December 15.	160.5	156.2	192.0	291.4	556.0

RED POLLED CATTLE.

Arthur Young published a book entitled "A Survey of Suffolk, in England, in 1794, and mentions the hornless cattle of that country, saying: "There is hardly a dairy of any consideration in this district which does not contain cows which give in the height of the season eight gallons of milk a day and six are common among many for a large part of the season. For two or three months a whole dairy will give five gallons a day on the average."

By act of Congress in 1793 breeding and useful animals were admitted into this country free of import duty.

ALFALFA, 1915-1916, AND MILLETS.

The United States government report by the Department of Agriculture shows that in 1915 alfalfa produced was 19,046,000 tons, but in 1916 the unfavorable season reduced the crop to 16,591,000 tons. The millets also decreased from 3,561,000 tons in 1915 to 3,133,000 tons in 1916. This alfalfa statement should be studied in connection with the census reports of 1899 and 1909.

	ALFALFA,		MILLETS,	
	1915.	1916.	1915.	1916.
State.	Tons.	Tons.	Tons.	Tons.
ALA....	31,000	18,000	27,000	36,000
ARIZ....	358,000	527,000	9,000	12,000
ARK....	89,000	70,000	45,000	37,000
CAL....	1,819,000	1,838,000		
COL....	1,665,000	1,213,000	43,000	60,000
CONN....	35,000	26,000	20,000	17,000
DEL....	3,000	5,000	7,000	5,000
FLA....		1,000	4,000	3,000
GA....	16,000	19,000	28,000	26,000
IDAHO..	969,000	888,000		
ILL....	270,000	270,000	115,000	121,000
IND....	167,000	166,000	76,000	66,000
IOWA..	252,000	290,000	189,000	122,000
KAS....	2,478,000	1,588,000	325,000	182,000
KY....	57,000	71,000	94,000	106,000
LA....	42,000	43,000	13,000	9,000
ME....			60,000	61,000
MD....	19,000	27,000	9,000	14,000
MASS....	28,000	30,000	49,000	53,000
MICH....	242,000	284,000	52,000	44,000
MINN....	97,000	137,000	162,000	175,000
MISS....	21,000	21,000	7,000	7,000
MO....	241,000	261,000	278,000	240,000
MONT....	961,000	715,000	15,000	14,000
NEB....	2,866,000	2,646,000	410,000	346,000
NEV....	601,000	427,000		
N. H....	3,000	4,000	30,000	38,000
N. J....	52,000	44,000	16,000	12,000
N. M....	323,000	248,000	22,000	19,000
N. Y....	330,000	364,000	110,000	109,000
N. C....	16,000	15,000	23,000	18,000
N. D....	132,000	141,000	139,000	186,000
OHIO....	243,000	202,000	41,000	41,000
OKLA....	671,000	487,000	190,000	74,000
ORE....	468,000	430,000		
PENN....	139,000	156,000	87,000	78,000
R. I....	1,000	1,000	6,000	6,000
S. C....	11,000	13,000	11,000	6,000
S. D....	561,000	583,000	244,000	19,000
TENN....	35,000	58,000	216,000	203,000
TEX....	145,000	98,000	84,000	86,000
UTAH....	749,000	600,000	10,000	8,000
VT....	13,000	25,000	46,000	67,000
VA....	47,000	64,000	57,000	64,000
WASH....	523,000	441,000		10,000
W. Va..	22,000	32,000	44,000	38,000
WIS....	361,000	230,000	90,000	89,000
WYO....	883,000	741,000	61,000	31,000

Total 19,046,000 16,591,000 3,561,000 3,133,000

BUTTER, CHEESE, MILK.

The following tabulated statement is the census of the manufacture of butter, cheese and condensed milk in the United States. Comparative statistics: 1909 and 1914.

	1909.	1914.
Number of establishments....	8,500	7,982
Principal Materials.		
Milk.		
Pounds.....	9,888,727,303	8,431,632,860
Cost.....	\$ 118,675,613	\$ 114,314,929
Cream.		
Pounds.....	1,406,143,908	2,383,828,265
Cost.....	\$ 95,025,507	\$ 160,916,828
Products.		
Butter.		
Total value.....	\$ 275,277,090	\$ 370,818,729
Pounds.....	627,145,865	786,013,189
Value.....	\$ 180,171,790	\$ 223,179,251
Cheese.		
Pounds.....	311,175,730	377,506,100
Value.....	\$ 43,245,669	\$ 50,931,925
Condensed and Evaporated Milk.		
Pounds.....	495,197,844	884,646,761
Value.....	\$ 33,587,207	\$ 59,374,948
Powdered Milk.		
Pounds.....	Not reported.	21,987,911
Value.....	Not reported.	\$ 2,081,607
Sugar of Milk.		
Pounds.....	Not reported.	4,051,320
Value.....	Not reported.	\$ 400,613
All other products.....	\$ 18,269,424	\$ 34,850,382

The Shaker Community at Mount Lebanon, N. Y., began growing farm seeds in 1794 and developed a large trade in them.

PRODUCTION OF ALMONDS.

This statement is from the last census. California reported having 6,319 farms reporting trees growing almonds, and all the other states having but 1,496. The production in the year 1909 was 6,793 pounds, and ten years previous, in 1899, the production was 7,142,710 pounds.

State.	1910.		Production, Value,	
	Trees of Bearing Age.	Trees Not of Bearing Age.	Pounds.	Dollars.
ALA...	51	580	484	51
ARIZ...	6,639	845	33,759	4,193
ARK...	1,100	307	3,330	622
CALIF.	1,166,730	365,961	6,692,513	700,304
COLO...	130	47	341	63
DEL...	9	4	100	10
FLA...	44	275	425	37
GA...	130	3,196	1,200	150
IDAHO	230	363	417	46
ILL...	48	.....	505	51
IND...	2	1	20	2
IA...	3	.....	3	.....
KAS...	401	109	50	.....
KY...	2	7	3	10
LA...	29	117	455	44
ME...	5	.....	.....	.....
MD...	43	65	180	2
MASS...	21	10	200	24
MICH...	10	3	280	51
MINN...	1	2	.....	.....
MISS...	81	1,169	496	53
MO...	144	65	334	67
MONT...	.....	4	.....	.....
NEB...	.....	6	.....	.....
NEV...	859	495	7,550	606
N. J...	11	10	.....	.....
N. M...	107	205	530	89
N. Y...	1	.....	.....	.....
N. C...	97	132	234	27
OKLA...	194	149	2,447	121
ORE...	3,960	4,117	17,515	2,468
PENN...	68	26	500	50
S. C...	78	162	440	58
S. D...	.....	2	.....	.....
TENN...	58	129	410	13
TEX...	4,534	1,528	16,932	1,618
UTAH...	1,408	664	10,664	1,014
VT...	1	.....	.....	.....
VA...	34	12	165	17
WASH...	695	8,800	770	86
W. VA...	3	.....	290	23
WIS...	1	.....	.....	.....
Total.	1,187,962	389,576	6,793,539	711,970

WORLD'S CROP OF COTTON.

The crop of cotton is not limited to the United States by any means. Egypt and British East Indies are also important. The list could be more complete, but the government made it certain.

Country.	1913.	1914.	1915.
	Bales.	Bales.	Bales.
Brazil.....	320,000	385,000	440,000
Ceylon.....	28	47	.....
Chile.....	740	.....	.....
Corea.....	32,787	.....	.....
Cyprus.....	9,655	9,498	5,610
Danish W.I.	745	290	.....
Dominican R.	1,140	771	.....
Ecuador....	757	165	.....
Egypt.....	1,588,000	1,425,000	1,349,000
French Africa.	1,104	1,128	.....
German Africa.	12,431	.....	.....
Hayti.....	8,970	.....	.....
India, Eng.	3,858,000	4,239,000	4,359,000
India, Dutch.	18,966	.....	.....
Italian Africa.	751	378	.....
Japan.....	4,462	4,582	.....
Malta.....	473	411	384
Oceanica, British.	49	14	13
Oceanica, French.	1,162	1,596	2,124
Peru.....	110,314	105,617	.....
Philippines.	6,098	6,098	6,098
Porto Rico.	569	693	739
Siam.....	6,411	.....	.....
South Africa.	42,916	45,437	33,407
Sudan.....	10,737	7,901	.....
Transcaucasia	119,821	132,198	132,649
Turkestan...	953,281	1,176,477	1,424,114
U. S.....	14,156,000	16,135,000	11,192,000
West Indies.	5,515	3,020	4,762

Hon. Wm. Foster, of Boston, imported two Merino ewes and one ram from Cadiz in 1793. He presented them to a friend, who killed and ate them.

ONIONS, TOMATOES AND TURNIPS.

The number of farms on which onions, tomatoes and turnips are specially produced and the amount of acreage devoted to these crops is only ascertained once in ten years. These are the figures of the last census: 14,989 farms devoted 47,625 acres to onions, 64,751 farms devoted 207,379 acres to tomatoes and 11,732 farms devoted 22,324 acres to turnips.

State.	Onions.		Tomatoes.		Turnips.	
	Farms.	Acres.	Farms.	Acres.	Farms.	Acres.
ALA.	65	92	289	566	206	738
ARIZ.	42	87	29	46	15	32
ARK.	67	108	543	1,704	217	332
CALIF.	572	4,391	935	5,932	190	418
COLO.	193	577	486	1,646	101	164
CONN.	117	282	343	621	467	742
DEL.	19	24	4,234	13,108	35	59
D. C.	3	5	52	133	33	68
FLA.	51	80	2,580	12,338	44	85
GA.	122	189	402	756	224	445
IDAHO.	59	85	29	42	23	35
ILL.	1,136	3,315	2,339	5,316	336	677
IND.	1,111	4,048	4,890	18,472	344	579
IOWA.	371	849	621	2,055	105	169
KAS.	131	243	558	1,237	136	336
KY.	1,100	1,059	1,433	3,574	205	307
LA.	690	2,909	238	448	216	423
MAINE.	13	25	46	60	332	472
MD.	67	111	9,741	42,721	501	965
MASS.	718	2,493	680	1,228	620	1,068
MICH.	578	1,130	1,434	2,850	898	1,497
MINN.	585	1,099	313	499	260	443
MISS.	41	52	1,265	3,651	174	234
MO.	227	348	3,845	11,083	499	753
MONT.	56	119	13	16	39	69
NEB.	97	163	145	282	60	92
NEV.	39	124	9	10	9	17
N. H.	15	29	21	51	49	68
N. J.	607	1,417	6,273	26,552	526	1,410
N. M.	53	97	17	34	47	75
N. Y.	1,518	5,558	3,070	8,636	1,255	2,727
N. C.	58	81	162	359	232	383
N. D.	26	37	3	3	47	88
OHIO.	1,351	6,132	3,733	8,263	454	684
OKLA.	72	386	155	315	44	101
ORE.	218	721	129	203	80	141
PENN.	339	551	2,919	4,204	747	1,752
R. I.	24	152	92	187	109	196
S. C.	35	44	80	146	92	289
S. D.	58	104	33	62	48	93
TENN.	143	235	2,750	5,803	395	807
TEXAS.	964	5,170	2,460	6,035	375	655
UTAH.	57	72	590	1,571	10	12
VT.	23	29	14	18	35	64
VA...	522	787	3,957	11,965	340	592
WASH.	192	415	190	364	57	87
W. VA.	27	35	585	1,846	117	163
WIS.	304	650	293	363	363	685
WYO.	13	16	4	5	24	33

U. S. 14,989 47,625 64,751 207,379 11,732 22,324

BROOM CORN CROP OF 1917.

The five states growing broom corn produced 51,838 tons in the year 1897, of which Oklahoma produced more than half. Kansas also is becoming important in growing broom corn.

State.	Yield Produc-	
	Planted, Acres.	Per tion, Acres. Tons.
ILL.	30,000	0.275 8,250
KAS.	60,000	.200 12,000
TEAS.	4,000	.172 688
OKLA.	175,000	.150 26,250
COLO.	30,000	.155 4,650
Total.....	299,000	0.173 51,838

HISTORICAL WOOL EXHIBIT.

In the year 1796, according to the American Shepherd by L. A. Morrell, an exhibit of wool was made at Rambouillet, in France, in order to boom the Rambouillet breed of sheep, of which the French government had a monopoly. A large number of manufacturers and dealers in wool attended the exhibit and unanimously agreed that the wool on exhibit there was the finest, longest, softest and strongest they had ever seen, but they promptly got together and formed a combination to keep down the price.

The National Board of Agriculture of Great Britain organized in 1793. Sir John Sinclair principal advocate.

FERTILIZER TONNAGE.

This tabulated statement is published by courtesy of the American Fertilizer Handbook, published by Ware Bros. Company, 1010 Arch street, Philadelphia, Pa. The table represents the amount of fertilized material used on farms. The years are 1911, 1916 and 1917. In 1914 the fertilizer consumption was 7,517,528.

State.	1911. Tons.	1916. Tons.	1917. Tons.
ALA.....	440,000	206,000	210,000
ARIZ.....	350	600	500
ARK.....	40,000	65,600	58,500
CALIF.....	49,700	29,415	43,964
COLO.....	500	1,000	1,000
CONN.....	45,000	90,000	115,000
DEL.....	25,000	45,000	50,000
FLA.....	183,347	212,250	214,088
GA.....	1,202,722	741,347	895,897
IDAHO.....		500	500
ILL.....	60,000	75,000	75,000
IND.....	179,839	132,159	156,000
IOWA.....	2,000	5,000	5,000
KAS.....	1,500	7,940	7,600
KY.....	65,000	62,000	93,000
LA.....	91,085	96,426	98,264
MAINE.....	110,000	155,000	160,923
MD.....	158,000	154,000	191,900
MASS.....	72,000	65,000	70,000
MICH.....	45,000	70,000	91,455
MINN.....	2,000	5,000	6,000
MISS.....	148,237	75,667	76,717
MO.....	41,685	41,000	65,000
MONT.....	600	1,000	1,000
NEB.....	300	500	500
NEV.....	1,000	1,000	1,000
N. H.....	15,000	18,000	20,000
N. J.....	135,000	129,800	176,483
N. M.....	200	500	500
N. Y.....	400,000	500,000	525,000
N. C.....	711,380	650,000	849,728
N. D.....	500	700	1,000
OHIO.....	148,000	187,848	165,857
OKLA.....	8,000	20,000	21,000
OREGON.....	3,000	6,500	7,000
PENN.....	315,000	268,455	332,309
R. I.....	12,000	13,000	15,000
S. C.....	1,048,806	833,624	850,790
S. D.....	200	1,500	2,500
TENN.....	65,000	91,128	99,584
TEXAS.....	52,985	39,845	40,500
UTAH.....	600	1,000	1,000
VT.....	20,000	27,000	30,000
VA.....	359,465	369,520	496,217
WASH.....	1,300	3,000	1,000
W. VA.....	31,250	40,000	41,000
WIS.....	2,500	5,000	6,500
WYO.....	125	500	500
U. S.....	6,348,035	5,583,049	6,423,043
PORTO RICO.....	25,800	37,725	45,767

MONTHLY MARKETINGS OF WHEAT BY FARMERS.

Month.	Estimated Amount Sold Monthly by Farmers of the United States (Millions of Bushels).				
	1917-18.	1916-17.	1915-16.	1914-15.	1913-14.
July.....	41	83	60	141	108
August.....	60	141	94	106	88
September.....	108	104	122	125	94
October.....	101	87	123	100	85
November.....	77	60	105	83	64
December.....	43	35	94	60	50
January.....	26	45	58	41	44
February.....	22	20	58	46	32
March.....	21	24	32	26	28
April.....	23	19	33	37	19
May.....	17	19	40	22	23
June.....	12	13	31	17	25
Season.....	560	620	851	804	660

THE ART OF CANNING.

In the year 1795 Nicholas Appert, a Frenchman, discovered the art of hermetical sealing of food, now well known under the title of canning. Fourteen years later he was awarded a prize by the government, which had been offered long before for a method that would preserve alimentary substances without robbing them of their natural qualities and juices.

YEARLY MARKETING OF LIVE STOCK.

The following tabulated statement furnished by the United States Department of Agriculture gives the combined receipts and shipments of hogs, cattle and sheep at Chicago, Kansas City, Omaha, St. Louis, Sioux City, St. Joseph and St. Paul yearly since 1900. The receipts less shipments represent the home slaughter at the combined seven markets. The shipments include the stock sold for shipment and slaughter elsewhere.

CATTLE AT SEVEN MARKETS.

Year.	Receipts.	Shipments.	Slaughtered.
1900.....	7,179,344	3,793,308	3,386,036
1901.....	7,708,839	3,888,460	3,850,379
1902.....	8,375,408	4,292,705	4,082,703
1903.....	8,878,789	4,490,748	4,388,041
1904.....	8,690,699	4,552,554	4,138,145
1905.....	9,202,082	4,964,753	4,237,330
1906.....	9,373,825	5,026,689	4,347,136
1907.....	9,590,710	5,360,790	4,229,920
1908.....	8,827,360	4,936,731	3,890,629
1909.....	9,189,312	5,181,446	4,007,866
1910.....	9,116,687	5,122,984	3,993,703
1911.....	8,629,109	4,805,766	3,823,543
1912.....	8,061,494	4,218,648	3,742,846
1913.....	7,904,552	4,596,085	3,308,467
1914.....	7,183,239	3,933,663	3,248,576
1915.....	7,969,591	3,944,152	4,019,439
1916.....	9,319,851	4,713,700	4,606,151
1917.....	11,241,038	5,676,015	5,565,023
1918.....	12,064,416	5,749,835	6,314,581

HOGS AT SEVEN MARKETS.

Year.	Receipts.	Shipments.	Slaughtered.
1900.....	18,573,177	5,336,826	13,236,351
1901.....	20,339,861	5,772,717	14,567,147
1902.....	17,289,427	4,130,675	13,158,752
1903.....	16,780,250	4,233,572	12,546,678
1904.....	17,778,827	5,254,545	12,524,282
1905.....	18,988,933	5,614,309	13,374,627
1906.....	19,225,792	5,440,323	13,785,469
1907.....	19,244,617	5,993,068	13,251,548
1908.....	22,863,701	7,288,403	15,575,298
1909.....	18,834,641	6,381,667	12,452,974
1910.....	14,853,472	4,628,760	12,224,712
1911.....	19,926,547	6,418,246	13,508,301
1912.....	19,771,825	6,096,906	13,674,919
1913.....	19,924,331	6,414,815	13,509,412
1914.....	18,272,091	5,816,069	12,456,022
1915.....	21,031,405	6,823,983	14,207,422
1916.....	25,345,802	8,264,752	17,081,050
1917.....	20,945,301	7,151,995	13,793,306
1918.....	25,461,514	7,111,935	18,349,579

SHEEP AT SEVEN MARKETS.

Year.	Receipts.	Shipments.	Slaughtered.
1900.....	7,061,466	2,500,686	4,560,780
1901.....	7,798,359	2,712,866	5,085,493
1902.....	9,177,050	3,561,060	5,615,990
1903.....	9,680,692	3,983,310	5,697,382
1904.....	9,004,812	4,203,534	5,004,978
1905.....	10,572,259	4,725,872	5,846,387
1906.....	10,364,437	5,046,366	5,820,071
1907.....	9,857,877	4,513,000	5,308,877
1908.....	9,833,640	4,489,295	5,344,345
1909.....	10,284,905	4,172,388	6,112,517
1910.....	12,366,375	6,013,215	6,353,160
1911.....	13,521,492	5,891,034	7,630,458
1912.....	13,733,980	5,369,402	8,364,578
1913.....	14,037,839	6,046,260	7,991,570
1914.....	13,272,491	5,331,449	7,841,042
1915.....	11,160,246	4,370,504	6,789,742
1916.....	11,639,022	4,640,615	6,999,407
1917.....	10,017,363	4,534,489	5,482,864
1918.....	12,936,068	5,388,838	7,547,230

THE YIELD OF HOPS.

The 1917 yield of hops so far estimated is not large and is confined to four states. We present herewith the crop estimates of 1915, 1916 and 1917:

State.	1915. Estimate.	1916. Estimate.	1917 Estimate.
NEW YORK.....	3,060,000	2,512,000	2,800,000
WASHINGTON.....	7,466,000	6,825,000	4,116,000
OREGON.....	21,000,000	19,000,000	5,000,000
CALIFORNIA.....	21,460,000	22,200,000	15,700,000

52,986,000 50,537,000 27,616,000

It was about the year 1801 that an eccentric man, known as "Johnny Applesed," began planting apple seed throughout Indiana and adjacent territory. His method was to scatter them broadcast, and he lived to see 100,000 acres in orchards of his planting.

CANTALOUPE, WATERMELONS, PUMPKINS.

According to the last census enumeration, 16,278 farms occupy 52,419 acres with the production of cantaloupes (and muskmelons), 35,345 farms occupy 137,005 acres with the production of watermelons and 361 farms cultivate 1,163 acres for the special production of pumpkins. These tables being arranged side by side and state by state, form an interesting basis of information. It is the latest available.

State.	Cantaloupes.		Watermelons.		Pumpkins.	
	Farms.	Acres.	Farms.	Acres.	Farms.	Acres.
ALA...	122	285	1,786	4,708	1	2
ARIZ...	110	432	328	735	21	54
ARK...	448	994	1,768	3,410	1	2
CALIF...	656	5,784	988	6,065	137	511
COLO.	738	3,970	210	467	8	15
CONN.	70	159	30	54	4	7
DEL...	551	1,163	320	859	3	6
D. C.	32	69	5	9	1	2
FLA...	408	3,408	1,627	17,711	1	2
GA...	368	3,022	3,255	16,298	...	...
IDAHO.	61	213	75	165	1	1
ILL...	927	2,332	1,192	6,211	12	89
IND...	994	3,855	1,677	7,915	...	...
IOWA.	234	764	477	3,464	4	24
KAS...	203	417	1,029	3,317	4	24
KY...	357	594	779	1,690	...	...
LA...	209	371	800	1,278	1	1
MAINE.	3	4	...	...	4	5
MD...	1,193	3,516	658	2,432	2	4
MASS.	32	51	21	31	10	42
MICH.	81	1,829	238	439	5	19
MINN.	195	453	159	103	7	13
MISS...	66	122	1,054	1,794	...	...
MO...	758	1,701	1,709	10,727	...	...
MONT...	4	112	295	725	5	16
NEB...	57	399	24	34	1	4
NEV...	7	9	...	...	1	1
N. H...	1,494	3,861	896	2,226	24	67
N. J...	131	491	154	287	16	24
N. M...	529	978	71	89	14	35
N. Y...	626	2,256	1,895	5,825	...	...
N. D...	...	...	77	96	...	...
OHIO.	815	1,655	377	777	6	8
OKLA.	258	655	1,623	5,923	4	7
OREGON.	61	113	104	563	7	8
PENN.	216	333	128	241	6	9
R. I...	21	48	3	5	1	20
S. C...	214	977	1,082	5,051	...	...
S. D...	18	31	119	212	10	12
TENN.	506	1,456	1,372	2,336	2	4
TEXAS.	1,785	1,035	5,271	18,466	12	71
UTAH.	109	192	87	137	2	2
VT...	13	31	4	10	2	6
VA...	491	969	1,304	3,159	5	12
WASH.	111	310	98	214	3	3
W. VA.	54	128	149	473	2	16
WIS...	111	187	105	168	4	5
WYO...	...	...	6	9	1	1

U. S. 16,278 52,419 35,345 137,005 361 1,163

MEAT PRODUCTS EXPORTED.

In the year 1914 meat products were exported to the value of \$137,737,493, which increased to \$259,064,321 in the year 1915, and increased again to the value of \$279,198,960 in the year 1916. The statement herewith is from the reports of the United States Department of Commerce.

	1914.	1915.	1916.
	Pounds.	Pounds.	Pounds.
Beef, canned	30,734,748	69,999,828	54,026,922
Beef, fresh...	31,422,463	268,813,397	181,979,031
Beef, pickled	23,779,449	42,746,813	36,681,148
Meat Oil...	85,144,527	109,185,783	83,891,672
Oleomarg.	2,292,690	6,775,163	6,309,380
Tallow...	9,980,066	26,563,075	15,338,057
Bacon...	184,267,856	524,138,245	592,617,529
Hams and S.	142,398,301	266,442,819	287,161,195
Lard...	439,015,898	451,289,439	426,659,590
Newf. Lard.	21,797,551	35,389,918	27,314,774
Pork, canned.	2,786,415	7,928,914	7,263,042
Pork, fresh	1,250,977	24,230,183	55,172,868
Pork, pickled	37,006,108	59,047,897	55,148,024
Lard Comp.	63,355,911	83,869,985	49,821,709
Mutton....	3,847,093	4,230,928	5,157,883
Sausage....	5,092,436	13,345,189	11,998,350

In the year 1800 Thomas Bates, of Kirk-levington, England, appears as breeder of Shorthorn cattle. This herd was bred and held together fifty years.

POP CORN, SWEET CORN AND GREEN PEAS.

The extent of acreage devoted to pop corn, sweet corn and to green peas, together with the number of farms engaged in each kind of industry, is presented herewith. The figures represent a normal year and were compiled by the United States Census.

State.	Pop Corn.		Sweet Corn.		Green Peas.	
	Farms.	Acres.	Farms.	Acres.	Farms.	Acres.
ALA...	12	16	57	175	191	426
ARIZ...	1	2	37	106	21	37
ARK...	16	24	74	145	79	180
CALIF...	59	361	809	2,854	787	3,427
COLO.	24	97	342	950	101	654
CONN.	12	19	902	2,142	124	232
DEL...	3	3	272	1,341	384	1,234
D. C.	...	...	23	47	20	40
FLA...	1	1	130	275	259	613
GA...	50	93	229	444	205	933
IDAHO	9	13	64	115	24	95
ILL...	189	998	2,431	19,376	340	2,821
IND...	109	357	2,058	7,977	771	4,084
IOWA.	428	5,345	2,013	12,568	58	397
KAS...	193	520	1,423	3,653	55	257
KY...	15	19	409	1,103	411	678
LA...	67	89	251	1,218	86	182
MAINE.	8	11	3,549	8,693	158	257
MD...	9	17	2,630	18,387	1,179	6,030
MASS.	31	93	1,076	4,942	288	547
MICH.	206	362	2,433	5,726	926	4,548
MINN.	73	266	803	2,829	141	316
MISS...	4	6	51	112	257	435
MO...	87	226	1,174	2,858	97	301
MONT...	...	...	79	164	7	10
NEB...	213	2,167	851	3,167	5	7
NEV...	...	...	18	23	3	7
N. H...	8	16	267	589	26	33
N. J...	17	34	2,705	10,442	876	4,912
N. M...	1	7	20	41	12	16
N. Y...	183	344	6,584	23,739	4,501	16,992
N. C...	7	16	211	369	339	835
N. D...	4	9	75	141	6	10
OHIO.	172	439	4,591	17,298	538	2,000
OKLA.	54	98	240	548	32	40
OREGON	14	54	211	457	60	116
PENN.	50	107	4,396	11,764	250	553
R. I...	4	4	317	790	76	205
S. C...	5	8	33	91	227	551
S. D...	31	81	194	579	6	82
TENN.	18	23	134	365	217	386
TEXAS.	52	93	167	418	311	742
UTAH.	8	16	75	120	138	323
VT...	8	48	285	1,110	26	39
VA...	10	18	751	2,101	1,053	2,292
WASH.	11	62	255	561	105	352
W. VA.	6	7	455	878	43	72
WIS...	54	184	936	3,789	1,340	11,182
WYO...	...	...	24	44	...	...

Total. 2,523 12,773 48,514 178,224 17,219 70,487

RICE PRODUCTION OF 1917.

The final estimate of rice production of 1917 shows an increased acreage. A reduction of the production from 47 bushels per acre in 1916 to 37.6 bushels in 1917 brought about the decreased total crop.

State.	Yield		Production.
	Planted Acres.	Per Acre.	
ALA.....	400	27.0	12,000
ARK.....	146,200	41.0	5,994,000
CALIF.....	80,000	70.0	5,600,000
FLA.....	800	26.0	21,000
GA.....	900	30.0	27,000
LA.....	500,000	36.5	18,250,000
MISS.....	2,100	30.0	63,000
MO.....	400	45.0	18,000
N. C.....	300	26.0	8,000
S. C.....	3,000	25.0	75,000
TEXAS...	230,000	27.0	6,210,000
U. S.....	964,100	37.6	36,278,000

In 1793 it appeared that the invention of the cotton gin not only stimulated cotton production, but it also made cotton a competitor to flax, checking the production of flax for fiber and indirectly causing more attention to be paid to flax seed as a commercial product.

The first patent for a reaping machine in England was granted to Joseph Boyce, of Pine Apple Place, at Mary-le-bone, a north-western suburb of London, on July 4, 1799.

SMALL FRUIT FARMS.

In the United States, during the last census year, 1909, a total of 272,460 farms produced more or less small fruits, and on some farms more than one berry was raised. The farms reported as raising strawberries were 216,544; blackberries and dewberries, 141,157; raspberries and Loganberries, 116,929; cranberries, 3,910; currants, 62,093; gooseberries, 58,567; and other berries, 609. The total production was 426,565 quarts, and valued at \$29,974,481. Ten years previous the number of farms reporting were 309,770, and the production was 463,218,612 quarts.

The tabulated statement presented here-with represents the number of farms in each state growing different kinds of berries.

State.	Strawberries, Farms.	Blackberries, Farms.	Raspberries, Farms.	Cranberries, Farms.	Currants, Farms.	Gooseberries, Farms.	Other berries, Farms.
ALA....	1,958	632	169	1	15	40	
ARIZ....	68	40	17	.....	10	4	
ARK....	3,869	1,430	449	4	58	391	
CALIF..	2,282	3,190	2,524	12	364	343	
COLO..	1,251	384	1,071	.....	1,049	842	
CONN..	2,260	555	943	105	570	130	
DELA..	3,625	650	287	.....	23	39	
D. OF C.	16	2	2	.....	3	1	
FLA....	1,011	210	8	.....	3	.....
GA....	1,394	648	159	.....	36	10	
IDAHO..	1,605	500	2,086	.....	1,374	1,390	
ILL....	10,311	14,138	8,156	166	3,635	8,181	
IND....	5,433	5,216	4,104	3	2,690	4,088	
IA....	19,871	15,874	12,574	4	6,906	6,382	
KAS....	3,967	6,912	1,678	.....	829	1,928	
KY....	3,983	8,011	1,650	.....	295	1,336	
LA....	874	187	7	.....	.....	.....
ME....	3,464	1,464	1,051	536	1,076	824	
MD....	7,468	979	1,333	.....	366	365	
MASS..	4,654	1,368	1,506	1,350	1,536	330	
MICH..	16,798	4,707	11,075	91	3,458	1,637	
MINN..	9,420	848	4,850	264	3,053	1,807	
MISS..	785	672	100	.....	11	3	
MO....	13,429	22,971	5,631	103	1,672	9,091	
MONT..	619	129	361	.....	1	654	
NEB....	3,425	1,982	1,128	.....	1,669	2,016	
NEV....	19	11	33	.....	79	99	
N. J....	6,086	2,153	1,450	414	377	348	
N. IL..	1,594	522	657	238	838	139	
N. M....	54	54	50	.....	1	74	
N. Y....	14,086	4,882	13,187	88	7,528	1,696	
N. C....	5,668	2,655	331	5	89	127	
N. D....	883	75	923	29	2,378	1,857	
OHIO..	8,799	4,207	6,175	25	2,861	2,208	
OKLA..	1,182	6,220	387	.....	212	151	
ORE....	3,701	1,307	3,294	17	877	1,465	
PENN..	13,515	4,892	8,990	55	5,375	1,999	
R. I....	545	69	154	127	130	43	
S. C....	1,383	675	79	.....	30	5	
S. D....	1,836	112	519	.....	7	1,448	
TENN..	6,046	3,884	830	.....	52	141	
TEX....	1,423	5,459	224	.....	49	11	
UTAH..	1,049	247	1,291	.....	1,043	851	
VT....	1,240	423	591	29	992	244	
VA....	4,651	1,586	1,121	2	205	239	
WASH..	4,323	1,818	3,617	4	1,287	1,199	
W. VA..	2,408	3,829	2,905	.....	658	781	
WIS....	12,084	2,272	6,132	229	3,853	1,841	
WYO....	146	6	80	.....	303	234	

CORN MOVEMENT BY GRADES.

Receipts and Shipments of Corn at 96 Markets, From November 1, 1917, to July 14, 1918, by Grades, as Reported by the Bureau of Markets, United States Department of Agriculture.

By this table farmers will be able to see the quality of corn that is shipped to market.

Grade.	Receipts.	Per Cent. of Total.	Shipments.	Per Cent. of Total.
No. 1.....	1,663	0.7	285	.02
No. 2.....	14,353	5.7	9,044	7.6
No. 3.....	48,660	19.3	49,273	38.7
No. 4.....	47,253	18.7	27,000	22.6
No. 5.....	37,832	15.0	9,496	7.9
No. 6.....	32,899	13.0	10,475	8.8
Sample.....	69,510	27.6	16,971	14.2
Total.....	252,170	100.0	119,544	100.0

SMALL FRUITS, 1899 AND 1909.

The figures below are census figures, showing the total acreage in small fruits in all states, acreage 1899 and 1909, side by side, and production of small fruits in the last census year. No later figures are available, but we will get new figures when the census is taken next year.

State.	1899, Acres.	1909, Acres.	Production, 1909, Quarts.
ALABAMA....	761	1,232	1,907,193
ARIZONA....	79	76	112,190
ARKANSAS... ..	10,819	8,032	8,965,572
CALIFORNIA..	6,281	9,687	26,824,120
COLORADO....	2,347	2,829	4,294,988
CONNECTICUT..	1,987	1,597	3,823,522
DELAWARE....	10,599	8,687	14,425,209
DIST. OF COL..	82	12	24,109
FLORIDA....	1,348	1,356	2,396,573
GEORGIA....	1,634	988	1,262,155
IDAHO....	957	1,673	2,071,141
ILLINOIS....	16,794	11,723	13,602,676
INDIANA....	13,115	5,919	7,424,851
IOWA....	9,655	7,211	10,544,052
KANSAS....	5,824	5,400	5,477,274
KENTUCKY....	6,126	4,387	4,972,702
LOUISIANA....	1,408	3,587	6,420,207
MAINE....	1,585	1,260	2,285,415
MARYLAND....	17,522	16,955	26,277,054
MASSACHUSETTS	8,346	9,552	29,260,143
MICHIGAN....	29,197	21,419	27,214,659
MINNESOTA....	3,092	3,738	4,476,575
MISSISSIPPI..	1,594	836	1,407,301
MISSOURI....	14,860	17,009	23,696,221
MONTANA....	554	562	766,791
NEBRASKA....	1,171	1,411	1,594,421
NEVADA....	53	37	50,287
N. HAMPSHIRE	730	618	998,244
NEW JERSEY..	25,350	24,069	38,822,987
NEW MEXICO..	48	66	76,532
NEW YORK....	25,051	22,496	37,857,829
N. CAROLINA..	6,837	6,707	12,827,437
N. DAKOTA....	67	399	285,696
OHIO....	21,121	11,991	15,723,033
OKLAHOMA....	1,388	2,745	2,310,367
OREGON....	3,470	5,122	9,348,490
PENNSYLV'IA..	12,271	8,678	13,620,477
R. ISLAND....	581	281	437,560
S. CAROLINA..	591	856	1,408,099
S. DAKOTA....	161	419	401,295
TENNESSEE....	12,944	12,539	13,895,493
TEXAS....	3,904	5,053	6,182,742
UTAH....	1,052	1,416	3,118,395
VERMONT....	418	469	826,122
VIRGINIA....	8,796	7,295	11,342,980
WASHINGTON..	2,845	5,508	13,490,930
W. VIRGINIA..	1,994	2,913	2,336,562
WISCONSIN....	12,389	6,305	9,782,779
WYOMING....	37	106	96,833
	309,770	272,460	426,565,863

MARKETING WHEAT BY MONTHS.

One table below explains by quantity when the wheat crop is sold by farmers, and the other table shows the same result by percentage. We have taken some liberties with the government report to make it handier and fit the minds of the inquirers.

Estimated Amount Sold Monthly by Farmers (Millions of Bushels).	1913.	1914.	1915.	1916.	Per Cent. of Year's Sales.
JAN.	38	44	41	58	5.7 6.7 5.1 6.8
FEB.	31	32	46	58	5.4 4.8 5.7 6.8
MCH.	22	38	26	32	3.7 4.2 3.3 3.8
APR.	22	19	37	33	3.4 2.9 4.6 3.9
MAY.	25	23	22	40	3.8 3.5 2.7 4.7
JUNE.	25	25	17	31	3.3 3.8 2.1 3.6
JULY.	54	108	141	60	8.4 16.3 17.5 7.1
AUG.	88	88	106	91	13.9 13.4 13.2 11.0
SEPT.	104	94	125	122	16.4 14.3 15.5 14.4
OCT.	103	85	100	123	12.9 12.8 12.5 14.5
NOV.	69	64	63	105	8.4 9.7 10.3 12.4
DEC.	55	50	60	94	6.4 7.6 7.5 11.0
Total	635	660	804	850	100.0 100.0 100.0 100.0

A TROTTING MARE.

In 1806, Velocity, a mare, dam of Bell-founder, trotted on the Norwich road, in England, sixteen miles in one hour, and though she broke fifteen times into a gallop and as often turned around, she won her match. Two years later she trotted twenty-eight miles in one hour and forty-seven minutes.

BARLEY ON FARMS.

This is a statement by the United States Department of Agriculture, showing the quantity of barley remaining on farms, March 1, 1917, 1918 and 1919.

State.	Bushels. 1917.	Bushels. 1918.	Bushels. 1919.
ALA.....	90,000	81,000	102,000
ARIZ.....	.....	.....	.....
ARK.....	.....	.....	.....
CALIF.....	2,999,000	4,698,000	6,864,000
COLO.....	1,126,000	1,497,000	1,478,000
CONN.....	.....	.....	.....
DEL.....	.....	.....	.....
FLA.....	.....	.....	.....
GA.....	.....	.....	.....
IDAHO.....	1,260,000	863,000	1,029,000
ILL.....	307,000	1,365,000	2,790,000
IND.....	69,000	267,000	333,000
IOWA.....	1,566,000	2,730,000	3,969,000
KAS.....	1,800,000	900,000	1,510,000
KY.....	16,000	21,000	24,000
LA.....	.....	.....	.....
ME.....	37,000	32,000	90,000
MD.....	35,000	19,000	41,000
MASS.....	.....	.....	.....
MICH.....	4 16,000	581,000	2,250,000
MINN.....	5,748,000	7,574,000	16,058,000
MISS.....	.....	.....	.....
MO.....	10,000	30,000	50,000
MONT.....	665,000	216,000	766,000
NEB.....	924,000	1,919,000	965,000
NEV.....	49,000	92,000	61,000
N. H.....	2,000	8,000	10,000
N. J.....	.....	.....	.....
N. M.....	46,000	73,000	78,000
N. Y.....	461,000	832,000	1,221,000
N. C.....	.....	.....	.....
N. D.....	6,150,000	5,019,000	14,167,000
OKLA.....	5,000	6,000	20,000
OREGON.....	1,078,000	1,003,000	890,000
S. C.....	.....	.....	.....
S. D.....	3,746,000	7,556,000	14,868,000
OHIO.....	128,000	480,000	724,000
PENN.....	45,000	55,000	84,000
R. I.....	.....	.....	.....
TENN.....	19,000	5,000	18,000
TEXAS.....	8,000	4,000	2,000
UTAH.....	184,000	317,000	235,000
VT.....	82,000	151,000	129,000
VA.....	33,000	36,000	75,000
WASH.....	1,622,000	937,000	658,000
W. VA.....	.....	.....	.....
WIS.....	2,928,000	4,800,000	9,899,000
WYO.....	190,000	252,000	444,000
U. S.....	33,244,000	44,419,000	81,899,000

BUCKWHEAT CROP OF 1918.

State.	Planted, of Acres, 1917.	Per Cent. of	Pro- duction, Bushels.
CONN.....	3,000	108	59,000
DEL.....	3,000	105	57,000
ILL.....	4,000	101	79,000
IND.....	14,000	135	235,000
IOWA.....	16,000	150	250,000
MAINE.....	16,000	110	454,000
MD.....	11,000	102	201,000
MASS.....	2,000	105	34,000
MICH.....	77,000	103	1,063,000
MINN.....	11,000	100	201,000
MISS.....	6,000	95	68,000
NEB.....	2,000	100	40,000
N. H.....	2,000	110	52,000
N. J.....	17,000	105	293,000
N. Y.....	330,000	100	5,577,000
N. C.....	14,000	115	274,000
OHIO.....	26,000	105	499,000
PENN.....	368,000	105	7,392,000
TENN.....	4,000	112	70,000
VT.....	14,000	110	310,000
VA.....	33,000	101	743,000
W. VA.....	47,000	104	1,092,000
WIS.....	25,000	108	430,000
U. S.....	1,045,000	104	19,473,000
Latest.....	1,040,000	104	17,182,000

A MEXICAN STOCK RANCH.

In the year 1807 Lieutenant Zebulon M. Pike, of the United States Army, who had previously explored the West and discovered Pike's Peak, was arrested in Spanish territory as a trespasser and escorted back by way of New and Old Mexico to the sea coast, thence to the United States. In passing through the Mexican province of Durango he found a stock ranch on which 100,000 sheep, cattle and horses were owned by one ranchman.

ALFALFA GROWING RECORDS.

The progress in growing alfalfa is well shown by the increase from 2,094,011 acres in 1899 to 4,707,146 acres in alfalfa in 1909, when the last census was taken. The crop increased from 5,220,671 tons in 1899 to 11,859,881 tons in 1909. The average yield in 1909 was 2.52 tons per acre, and 283,012 farms reported growing alfalfa.

State.	1899, Acreage.	1909, Acreage.	1899, Tons.	1909, Tons.
ALA.....	272	6,987	343	8,906
ARIZ.....	62,585	66,102	137,270	194,534
ARK.....	2,278	15,929	4,444	33,231
CAL.....	298,898	484,134	838,730	1,639,707
COLO.....	455,237	508,892	1,107,471	1,265,915
CONN.....	153	516	204	731
DEL.....	173	205	211	580
D. C.....	.....	28	.....	108
FLA.....	.....	49	.....	63
GA.....	37	545	83	1,079
IDAHO.....	160,029	308,892	425,706	964,529
ILL.....	9,290	18,344	9,572	52,284
IND.....	844	17,898	1,266	40,320
IOWA.....	2,298	29,143	6,252	84,569
KAS.....	267,376	956,962	601,624	1,998,680
KY.....	808	20,229	1,056	37,978
LA.....	2,365	12,073	4,156	28,146
ME.....	93	174	108	216
MD.....	144	3,188	182	6,806
MASS.....	96	232	102	394
MICH.....	1,087	6,553	1,366	13,872
MINN.....	658	2,238	1,781	6,314
MISS.....	99	9,245	201	16,710
MO.....	2,239	35,478	5,409	96,105
MONT.....	68,959	224,226	186,498	599,747
NEB.....	115,142	685,282	275,334	1,522,136
NEV.....	96,725	90,151	224,331	238,383
N. H.....	26	47	36	97
N. J.....	194	1,386	205	3,251
N. M.....	55,467	102,650	154,973	265,622
N. Y.....	5,582	35,343	13,002	87,042
N. C.....	243	735	392	1,394
N. D.....	334	3,033	479	5,638
OHIO.....	2,799	29,439	3,944	70,126
OKLA.....	16,062	206,823	30,108	321,675
ORE.....	53,612	120,427	145,875	375,445
PENN.....	52	4,935	72	9,154
R. I.....	2	34	2	78
S. C.....	18	138	31	328
S. D.....	13,029	66,183	28,265	153,906
TENN.....	654	5,323	1,173	10,600
TEX.....	18,999	55,332	33,394	97,936
UTAH.....	268,229	284,182	681,515	791,355
VT.....	38	252	45	515
VA.....	349	3,126	521	7,203
WASH.....	35,166	94,900	118,559	357,595
W. VA.....	123	696	198	1,406
WIS.....	460	17,996	885	49,794
WYO.....	74,688	170,431	173,344	397,669
Total.....	2,094,011	5,220,671	4,707,146	11,859,881

(This statement will not appear again.)

PULVERIZED LIMESTONE.

Pulverized limestone continues to be in favor as a soil sweetener, according to reports from producers to G. F. Loughlin, of the United States Geological Survey, Department of the Interior. The states contributing 73 per cent. of the quantity and 75 per cent. of the value of pulverized stone to the trade in 1916 were as follows:

State.	Quantity, (Short Tons).	Value.
NEW YORK.....	102,608	\$164,237
ILLINOIS.....	203,829	135,908
PENNSYLVANIA.....	73,300	129,574
VIRGINIA.....	146,703	106,166
NORTH CAROLINA.....	53,532	77,101
WEST VIRGINIA.....	47,709	74,865
TENNESSEE.....	66,854	64,910
OHIO.....	55,236	54,591
VERMONT.....	27,489	54,535

Twenty-three other states contributed to the total. The average price per ton was \$1.08 in 1916, two cents less than in 1915.

In 1808, at the show of the East Norfolk Agricultural Society, Mr. Jonas Reeve, of Wighton, exhibited a Polled bull combining the merits of the Norfolk and Suffolk varieties. First decided improvement of Red Polled cattle.

Samuel Griffith, of St. Louis, who appears to have been a trader in live stock, advertised for good beef cattle suitable for the New Orleans market. This was in July, 1808.

PECAN TREES AND PRODUCTION.

In the year 1899 the pecan production of the United States was 3,206,850 pounds, and in the year 1909 the output increased to 9,890,769 pounds. In the year 1910 we had a total of 1,619,521 trees of bearing age and 1,685,066 trees not of bearing age. Farms reporting bearing trees were 37,549, and 43,944 had trees not of bearing age. In pecan production Texas is away in the lead, but there are other states increasing the number of trees.

State.	Trees of Bearing Age.	Trees Not of Bearing Age.	Pro- duction. Pounds.	Value. Dollars.
ALA....	44,683	125,734	228,341	30,540
ARIZ....	64	212	1,075	131
ARK....	13,958	13,811	249,955	17,603
CALIF....	4,226	2,793	44,955	4,632
COLO.....		50		
CONN....	5	1,601	150	7
DEL....	136	48	85	13
FLA....	42,512	176,207	307,632	43,962
GA....	75,519	325,779	354,046	47,845
IDAHO....	20	27		
ILL....	28,330	8,223	107,069	10,301
IND....	4,883	946	19,287	1,940
IA....	247	148	1,890	59
KAS....	27,716	2,707	20,583	1,462
KY....	2,399	2,301	28,577	2,887
LA....	36,527	119,547	723,578	70,635
ME....	3		100	20
MD....	172	460	1,177	85
MASS....		1		
MICH....	39	4	1,600	75
MINN....	6	35	25	5
MISS....	60,524	148,030	637,293	79,936
MO....	48,822	7,214	147,420	10,467
NEB....	181	191	695	31
NEV....	16	13		
N. J....	22	52	120	76
N. M....	31	1,468	53	5
N. Y....	5	26		
N. C....	6,876	20,781	74,861	8,194
N. D....		3		
OHIO....	81	308	1,010	70
OKLA....	96,766	53,796	894,172	59,481
ORE....	62	965	1,010	78
PENN....	554	463	14,885	532
R. I....	6	1		
S. C....	33,366	4,369	159,823	20,442
S. D....	43	34	6	1
TENN....	2,037	3,309	25,581	2,566
TEX....	1,087,619	621,550	5,832,367	556,203
UTAH....	35	12		
VT....	1	4		
VA....	868	2,337	10,568	1,356
WASH....	34	140		
W. VA....	126	6	240	16

Total.. 1,619,521 1,685,066 9,890,769 971,596

SCOTTISH AGRICULTURE.

The Board of Scottish Agriculture has issued a preliminary statement showing the estimated yield of wheat, barley, oats and hay in Scotland in the year 1917, with comparative figures for 1916:

Area.	1916.	1917.	Total Produce.
Acres.	Acres.	Acres.	Bushels.
WHEAT.			
63,083	60,932	2,264,000	2,432,000
BARLEY.			
169,735	159,134	5,176,000	5,640,000
OATS.			
990,589	1,041,343	36,224,000	43,576,000
ROTATION GRASS.			
Acres.	Acres.	Long Tons.	Long Tons.
420,099	421,502	760,000	657,000
PERMANENT GRASS.			
114,787	112,758	178,000	141,000
TIMOTHY.			
44,436	47,594	97,000	103,000

In the year 1807 John Macarthur, of New South Wales, sent home to England samples of his clip, representing the beginning of the Australian wool shipments.

In France, in 1806, Napoleon restored the government stud establishments destroyed by the revolution.

PRODUCTION OF PEANUTS.

If all the farm crops made as good showing there would be plenty to eat in the country. The increase in acreage is from 516,654 in 1899 to 869,887 in the year 1909. The increase in production is from 11,964,109 bushels in 1889 to 19,415,816 bushels in 1909. In the year 1889 only 133,900 farms reported raising peanuts, but in 1909 there were 218,998 farms on which peanuts were produced. The table presented herewith shows acreage and production for two census years. Next year we will get another census.

State.	1899. Acreage.	1899. Bushels.	1909. Acreage.	1909. Bushels.
ARIZ....	4	234	9	345
ARK....	5,223	78,237	10,192	168,608
CALIF....	433	15,461	99	2,991
COLO....	5	136	2	7
DEL....	23	23	25	202
FLA....	64,452	967,927	126,150	2,315,089
GA....	100,589	1,435,775	160,317	2,569,787
IDAHO....			1	20
ILL....	49	879	109	1,792
IND....	11	199	18	624
IA....	7	127	13	359
KAS....	225	4,516	48	2,047
KY....	92	1,405	79	1,735
LA....	3,107	45,713	25,020	412,037
ME....	1	22		5
MD....	7	143	1	30
MASS....		3		12
MICH....			64	1,111
MINN....			1	15
MISS....	5,853	95,738	13,977	284,791
MO....	271	6,679	130	3,220
NEB....	11	22	1	93
NEV....		151		
N. H....		2		
N. J....		7	1	16
N. M....	1	10	126	1,375
N. Y....			6	132
N. C....	95,850	3,460,439	195,134	5,980,919
N. D....			10	101
OHIO....	1	20		31
OKLA....	2,205	50,428	1,564	31,880
ORE....		25	3	206
PENN....	2	77		4
R. I....				4
S. C....	7,162	131,710	7,596	154,822
S. D....				10
TENN....	19,534	747,668	18,952	5,072,400
TEX....	10,734	184,860	64,327	1,074,998
UTAH....	2			10
VA....	116,914	3,713,347	145,213	4,284,340
WASH....		15		
W. V....	11	199		64
WIS....			70	945
WYO....	1	3		
Total.	516,654	11,964,109	869,887	19,415,816

THE RICE CROP OF 1918.

The rice crop acreage during the war period increased from 694,000 acres in 1914 to 1,120,400 acres in 1918. The production increased correspondingly. The average production per acre also increased, and was the largest in 1916.

State.	Planted, Acres.	Per Cent. of 1917.	Pro- duction, Bushels.
ALA....	600	150	15,000
ARK....	172,500	118	6,818,000
CALIF....	108,000	135	6,388,000
FLA....	1,200	150	32,000
GA....	1,200	133	32,000
LA....	580,000	116	19,262,000
MISS....	3,000	143	73,000
MO....	500	120	21,000
N. C....	500	167	10,000
S. C....	4,500	150	103,000
TEXAS....	248,000	108	9,166,000
U. S....	1,120,400	116	41,918,000
Latest....	1,112,770	116	40,424,000

FIRST TROTTING RECORD.

What is generally accepted as being the first authentic fast record of American trotters is spoken of. This was 2:59 for a mile trotting made by the horse "Yankee" (breeding unknown) at Harlem, New York.

In 1805 record was made of a perry pear tree in Holme Lacy, Herefordshire, England. It covered more than half an acre of ground, the branches bending down and taking root and in turn producing others in the same way. From this tree fifteen hog-heads of perry was made in a single year.

Production of Grapes.

The production of grapes increased from 1,300,984,097 pounds in the year 1899 to 2,571,065,205 pounds in 1909. In the year 1910, when the census was taken, there were 223,701,522 vines of bearing age and 59,928,644 vines not of bearing age. The tabulated statement herewith shows the vines and production in all the states.

State.	Vines of Bearing Age.	Vines Not of Bearing Age.	Production, Pounds.
ALA...	287,431	77,105	1,723,490
ARIZ...	131,579	84,510	837,842
ARK...	805,921	177,624	2,593,727
CALIF.	144,097,670	39,526,319	1,979,686,525
COLO...	254,292	101,332	1,037,611
CONN...	107,054	61,670	1,317,682
DEL...	260,963	98,950	1,938,267
D. C...	5,196	200	28,530
FLA...	20,962	8,830	1,086,344
G.A...	277,658	38,233	2,767,366
IDAHO	68,269	124,806	604,227
IND...	2,170,340	287,734	16,583,783
ILL...	1,049,232	140,441	12,817,353
IOWA...	1,983,465	446,126	11,708,336
KAS...	2,889,845	313,002	6,317,684
KY...	605,002	77,626	3,680,182
LA...	31,041	20,936	106,595
ME...	9,731	1,944	231,529
MD...	138,801	44,690	2,152,382
MASS...	58,277	14,261	1,132,338
MICH...	11,013,576	1,869,648	120,695,997
MINN...	61,916	35,950	293,805
MISS...	77,012	34,870	760,563
MO...	3,026,526	486,044	17,871,816
MONT...	986	1,121	370
NEB...	1,221,736	380,788	4,752,217
NEV...	26,607	7,941	376,205
N. H...	15,802	3,016	375,164
N. J...	1,603,280	558,945	6,501,221
N. M...	250,076	122,367	425,415
N. Y...	31,802,097	3,801,800	253,006,361
N. C...	411,278	120,208	51,116,920
N. D...	379	1,464	360
OHIO...	8,326,800	455,750	43,933,207
OKLA...	2,388,213	447,489	3,762,727
ORE...	381,302	468,598	3,206,874
PENN...	5,271,264	3,252,811	34,020,198
R. I...	7,662	9,634	125,937
S. C...	79,708	19,704	2,016,506
S. D...	38,647	46,891	144,634
TENN...	338,758	76,040	1,979,480
TEX...	712,201	297,869	1,802,618
UTAH...	204,445	94,043	1,576,363
VT...	9,318	1,845	203,011
VA...	424,701	136,026	4,108,694
WASH...	322,007	371,733	1,704,005
W. VA...	284,074	76,465	3,224,751
WIS...	148,348	63,098	701,329
WYO...	74	1,147	159
Total.	223,701,522	59,928,644	2,571,065,205

Potatoes and Sugar Beets.

Year.	Potatoes, Acres.	Sweet Potatoes, Acres.	Sugar Beets, Acres.
1909.....	3,669,000	641,000	364,000
1910.....	3,720,000	641,000	398,000
1911.....	3,619,000	605,000	474,000
1912.....	3,711,000	583,000	555,000
3 Years.....	11,030,000	1,829,000	1,427,000
1913.....	3,668,000	625,000	530,000
1914.....	3,711,000	603,000	483,000
1915.....	3,734,000	731,000	611,000
3 Years.....	11,113,000	1,959,000	1,674,000
3 Years.....	3,565,000	774,000	665,000
1917.....	4,390,000	953,000	665,000
1918.....	4,113,000	959,000	690,000
3 Years.....	12,068,000	2,686,000	2,020,000

In 1500 Peter J. Curtenius, a large iron founder of New York City, advertised cast-iron plows.

The Production of Strawberries.

The tabulation herewith is what we call foundation information, being a statement of the production of strawberries ten years apart. The census of 1900 showed that in the year 1899 151,363 acres were devoted to raising strawberries and the production was 257,427,103 quarts. Ten years later, in 1909, the area devoted to producing strawberries was reduced to 143,045 and the production was 255,702,035 quarts. Since the census year, all we have on strawberries are the estimates of the Agricultural Department in important strawberry-growing states.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA...	607	804,480	1,167	1,848,537
ARIZ...	60	109,550	58	95,247
ARK...	9,611	12,667,740	7,361	8,259,240
CAL...	2,418	7,690,830	4,585	15,694,326
COLO...	1,067	2,224,240	1,326	1,674,923
CONN...	971	2,569,120	993	3,016,295
DEL...	6,344	10,498,640	7,194	12,730,265
D. C...	50	84,480	11	18,709
FLA...	1,315	1,731,730	1,343	2,383,397
G.A...	1,423	1,385,728	890	1,157,472
IDA...	239	379,630	698	953,723
ILL...	7,113	13,151,330	5,410	8,031,821
IND...	4,714	9,669,710	2,574	3,759,132
IA...	2,335	3,164,320	2,917	5,330,105
KAS...	2,304	3,321,650	1,719	2,119,048
KY...	4,128	6,767,800	1,553	2,114,929
LA...	1,395	1,841,800	3,570	6,405,236
ME...	512	1,066,860	698	1,626,250
MD...	13,980	24,035,640	14,292	23,611,095
MASS...	2,027	4,997,240	2,015	5,518,867
MICH...	10,837	18,384,340	8,051	14,218,768
MINN...	1,302	2,506,020	1,873	2,730,099
MISS...	1,383	1,546,570	772	1,345,013
MO...	7,498	13,018,460	9,048	15,171,034
MONT...	281	532,260	265	406,038
NEB...	369	408,350	562	654,061
NEV...	14	16,440	5	11,189
N. H...	307	568,640	310	638,057
N. J...	8,746	13,274,120	8,684	18,767,473
N. M...	9	15,400	20	35,631
N. Y...	7,311	13,849,860	6,382	15,945,863
N. C...	5,616	10,674,610	5,420	10,313,361
N. D...	3	4,040	88	66,028
OHIO...	9,373	17,916,080	4,706	8,501,065
OKLA...	626	670,540	825	830,404
ORE...	1,792	3,337,820	2,941	5,323,040
PENN...	5,667	10,179,430	4,136	9,033,904
R. I...	154	381,870	140	326,540
S. C...	499	845,695	815	1,337,208
S. D...	62	65,430	226	238,164
TENN...	11,548	13,683,840	10,761	12,339,584
TEX...	1,361	2,344,220	2,161	4,207,056
UTAH...	345	663,190	719	1,832,796
VT...	232	598,020	276	615,320
VA...	7,821	12,270,300	6,606	10,761,381
WASH...	1,268	2,577,580	3,283	7,683,774
W. VA...	799	1,068,300	709	812,049
WIS...	3,508	7,343,740	2,863	5,188,117
WYO...	19	19,920	24	20,895
Total	151,363	257,427,103	143,045	255,702,035

MARKETINGS BY PERCENTAGE.

CORN.	Per Cent.	1917.	1916.	1915.	1914.	1913.
Month.	18.	17.	16.	15.	14.	
July.....	5.3	6.2	5.6	8.9	5.8	
August.....	4.0	7.1	5.9	7.1	8.8	
September...	3.4	5.9	6.4	4.7	4.5	
October.....	3.8	5.8	6.0	4.7	7.9	
November...	8.8	14.0	10.4	14.7	17.8	
December...	12.2	12.5	15.9	16.8	21.4	
January.....	14.2	15.1	11.7	19.8	10.7	
February...	16.1	9.0	12.4	7.8	7.1	
March.....	13.7	7.0	7.1	4.6	6.3	
April.....	7.1	5.4	6.4	5.6	4.4	
May.....	5.6	6.5	6.3	4.4	6.2	
June.....	5.8	6.0	5.9	5.9	4.6	
Season.....	100.0	100.0	100.0	100.0	100.0	

Humboldt, the Naturalist, wrote on distribution of plants in 1804.

Blackberries and Dewberries.

Herewith we present the United States census figures ten years apart, showing the production of blackberries and dewberries. There is the enumeration for the year 1899, when on 50,211 acres the production was 62,189,855 quarts, and in the year 1909, when on 49,004 acres the production was 55,343,570 quarts. Missouri, New Jersey and California are the largest producers of this class.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA....	104	98,506	58	44,954
ARIZ....	9	8,690	16	13,803
ARK....	769	969,290	525	587,977
CALIF..	1,960	4,159,131	2,576	4,898,524
COLO....	195	216,020	228	227,598
CONN....	177	275,310	128	192,752
DEL....	2,935	1,976,810	1,256	1,403,977
D.O.F.C.	10	12,720	.....	1,700
FLA....	13	13,210	13	12,817
GA....	143	144,060	67	67,285
IDAHO..	87	117,140	170	249,984
ILL....	5,022	7,294,990	3,503	291,473
IND....	3,192	5,255,840	1,347	1,482,909
IA....	1,719	1,966,070	2,279	2,733,728
KAS....	2,044	1,857,514	2,682	2,535,918
KY....	1,024	1,068,340	2,141	2,165,547
LA....	.....	10,170	16	14,332
ME....	123	164,300	146	153,816
MD....	1,501	1,713,680	1,180	1,372,164
MASS....	365	522,860	287	307,987
MICH..	4,385	5,324,110	2,973	3,075,954
MINN....	162	192,010	145	139,741
MISS....	84	97,030	58	53,735
MO....	4,441	5,121,860	5,975	6,391,209
MONT....	18	17,970	34	36,321
NEB....	152	157,880	428	501,872
NEV....	4	5,410	1	1,078
N. H....	65	105,290	67	75,913
N. J....	5,254	3,918,320	4,332	5,456,789
N. M....	3	2,940	10	10,089
N. Y....	2,060	3,167,090	1,951	2,509,851
N. C....	1,073	1,089,290	1,233	2,464,065
N. D....	1	860	2	3,404
OHIO....	3,397	4,905,430	2,425	2,465,407
OKLA....	683	714,880	1,792	1,366,497
ORE....	717	1,310,920	9	915,744
PENN....	1,383	1,995,070	1,235	1,063,257
R. I....	47	23,600	17	17,875
SC....	39	50,960	38	64,754
S. D....	5	4,880	5	6,053
TENN....	723	839,210	1,514	1,316,100
TEX....	2,391	2,701,750	2,773	1,868,119
UTAH....	72	80,110	95	184,140
VT....	48	84,990	47	56,252
VA....	444	582,830	344	273,551
WASH....	388	803,340	769	2,340,779
W. VA....	367	396,850	1,292	803,498
WIS....	411	644,880	407	498,119
WYO....	.....	480	.....	149
Total	50,211	62,189,855	49,004	55,343,570

MONTHLY MARKETING OF OATS BY FARMERS.

Estimated Amount Sold Monthly by Farmers of the United States (Millions of Bushels).					
Month.	18.	17.	16.	15.	14.
July.....	24	31	23	35	29
August.....	82	87	53	64	57
September...	67	51	59	55	44
October.....	56	40	57	40	33
November....	38	30	48	27	22
December....	39	21	47	23	24
January.....	42	28	33	26	13
February....	40	20	36	15	19
March.....	35	20	23	15	19
April.....	33	14	21	13	10
May.....	20	17	28	10	18
June.....	24	16	22	13	20
Season.....	500	375	450	340	315

About the year 1790, in Germany, owing to the fact that cows were largely used as work animals, the average milk production per cow in that country was a pint and a half a day.

Raspberries and Loganberries.

This basic tabulation is historical and gives in detail by states the acreage devoted to the production of raspberries and Loganberries ten years apart. It is the only positive information of any value that is available. In the year 1899 the area was 60,916 acres, producing 76,628,107 quarts; ten years later the area was reduced to 48,668 and the crop was 60,918,196 quarts. In 1910 another count will be made by the census enumerators. The value of the crop in 1909 was estimated at \$5,132,277.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA....	13	14,390	11	10,546
ARIZ....	2	1,480	1	1,550
ARK....	345	348,450	123	96,414
CALIF..	987	1,446,190	1,992	5,222,117
COLO....	689	817,450	801	1,650,785
CONN....	366	503,210	289	384,256
DEL....	1,280	1,147,120	223	275,871
D. C....	12	15,582	.....	700
FLA....	5	5,670	.....	213
GA....	43	41,750	29	33,928
IDAHO..	230	257,960	496	575,209
ILL....	2,900	3,458,000	1,945	1,834,337
IND....	3,277	4,210,900	1,412	1,595,921
IA....	3,394	3,604,210	1,573	1,728,547
KAS....	957	820,330	713	616,035
KY....	755	787,820	564	558,520
LA....	.....	110	1	639
ME....	131	214,700	127	154,121
MD....	1,385	1,450,250	846	959,369
MASS....	413	558,010	388	376,136
MICH..	10,193	12,119,400	8,786	8,381,943
MINN....	1,115	1,252,930	1,388	1,340,469
MISS....	49	56,020	5	7,806
MO....	1,660	1,940,850	1,331	1,563,527
MONT....	80	110,795	113	165,473
NEB....	229	232,580	247	265,183
NEV....	7	11,220	9	17,841
N. H....	80	124,760	85	86,558
N. J....	2,240	2,506,730	1,744	2,443,877
N. M....	9	8,930	12	10,222
N. Y....	12,376	17,575,530	11,057	14,751,640
N. C....	69	73,050	40	37,764
N. D....	12	13,700	85	60,742
OHIO....	6,795	8,745,950	3,869	4,029,480
OKLA....	43	55,180	85	74,104
ORE....	479	783,060	1,460	2,644,948
PENN....	3,938	5,360,530	2,594	2,906,302
R. I....	57	83,300	34	32,871
S. C....	4	4,150	2	4,955
S. D....	21	19,030	66	60,285
TENN....	471	448,170	253	222,331
TEX....	103	123,640	104	97,652
UTAH....	284	426,000	374	758,317
VT....	92	176,440	80	85,065
VA....	365	424,110	276	257,322
WASH....	625	1,134,970	1,210	3,118,770
W. VA....	704	788,360	847	648,174
WIS....	6	2,314,020	944	1,053,889
WYO....	1,616	5,220	14	15,213
Total	60,916	76,628,107	48,668	60,918,196

MARKETINGS BY PERCENTAGE.

Per Cent. of Year's Sales.					
OATS.	1917-	1916-	1915-	1914-	1913-
Month.	18.	17.	16.	15.	14.
July.....	4.7	8.3	5.1	10.4	9.3
August.....	16.4	23.3	11.8	18.7	18.2
September...	13.5	13.5	13.0	16.3	13.9
October.....	11.1	10.7	12.7	11.7	10.5
November....	7.7	8.0	10.6	7.9	6.8
December....	7.8	5.7	10.5	6.9	7.6
January.....	8.3	7.5	7.4	7.6	5.6
February....	8.0	5.3	8.0	5.6	6.7
March.....	7.1	5.2	5.0	4.4	5.9
April.....	6.5	3.8	4.6	3.7	3.3
May.....	4.0	4.4	6.3	3.1	5.8
June.....	4.9	4.3	5.0	3.7	6.4
Season.....	100.0	100.0	100.0	100.0	100.0

In 1806 Wm. R. Dickerson, of Steubenville, Ohio, commenced sheep raising by a purchase of Spanish Merinos from Mr. James Caldwell, of Pennsylvania.

Production of Gooseberries.

Gooseberries are grown generally without any one state being far ahead of others, but the production had decreased when the last census was taken. In 1899 there were 6,752 acres, producing 9,320,530 quarts; but in 1903, when another count was taken, the area was reduced to 4,765 acres, producing 5,282,843 quarts. In 1899, Indiana and Iowa were the greatest producers, whereas in the later year Illinois and Missouri lead with considerable less production.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA.....	2	1,890	1	2,452
ARIZ.....	29	1,230	.....	575
ARK.....	29	43,570	19	18,168
CALIF.....	133	195,670	74	145,119
COLO.....	122	133,750	192	247,956
CONN.....	7	8,010	9	9,023
DEL.....	24	31,750	11	12,123
DIST. OF C.	1	1,090	.....	1,000
FLA.....	1	70	.....	.....
GA.....	2	1,900	1	1,102
IDAHO.....	150	197,540	142	130,987
ILL.....	491	779,730	603	541,498
IND.....	617	1,077,840	274	320,963
IA.....	777	975,890	189	233,541
KAS.....	212	269,860	188	138,772
KY.....	99	114,590	115	118,338
LA.....	.....	50	.....	.....
ME.....	30	41,230	59	65,867
MD.....	234	322,140	241	300,321
MASS.....	30	46,390	42	57,827
MICH.....	559	673,360	297	403,680
MINN.....	112	128,250	71	60,661
MISS.....	1	590	1	285
MO.....	731	865,870	555	470,029
MONT.....	51	115,390	35	35,896
NEB.....	192	189,680	88	82,086
NEV.....	8	13,690	11	11,355
N. H.....	4	3,540	5	5,841
N. J.....	102	124,160	155	221,337
N. M.....	12	11,680	17	14,800
N. Y.....	190	304,750	259	331,135
N. C.....	25	30,340	5	5,831
N. D.....	10	11,690	86	56,804
OHIO.....	539	767,760	226	255,840
OKLA.....	10	9,250	7	8,276
ORE.....	203	326,780	186	307,395
PENN.....	267	366,930	139	109,104
IL. I.....	5	5,820	8	8,251
S. C.....	.....	420	.....	183
S. D.....	25	29,270	53	43,408
TENN.....	114	150,620	9	13,740
TEX.....	1	760	9	5,042
UTAH.....	110	173,460	100	147,241
VT.....	3	4,500	6	7,424
VA.....	66	75,140	22	23,447
WASH.....	211	356,570	114	143,264
W. VA.....	59	66,400	30	35,632
WIS.....	177	255,590	82	107,708
WYO.....	3	3,680	27	21,513
Total....	6,752	9,320,530	4,765	5,282,843

Corn, Oats and Barley.

The following table shows acreage planted since the year 1909:

Year.	Corn, Acres.	Oats, Acres.	Barley, Acres.
1909.....	98,383,000	35,159,000	7,699,000
1910.....	104,035,000	37,548,000	7,743,000
1911.....	105,825,000	37,763,000	7,627,000
1912.....	107,083,000	37,917,000	7,530,000
3 Years...	316,943,000	113,228,000	22,900,000
1913.....	105,820,000	38,399,000	7,499,000
1914.....	103,435,000	38,442,000	7,565,000
1915.....	106,197,000	40,996,000	7,148,000
3 Years...	315,452,000	117,837,000	22,212,000
1916.....	105,296,000	41,527,000	7,757,000
1917.....	119,755,000	43,572,000	8,835,000
1918.....	113,835,000	44,475,000	9,108,000
3 Years...	338,886,000	129,574,000	25,700,000

Currant-Growing Industry.

Nearly every state in the Union grows a few currants, but only one state in the last census year produced over a million quarts, whereas ten years previous eight states did so. In the year 1899 12,865 acres were devoted to growing currants, and the production was 18,592,695 quarts. Ten years later, in the year 1909, the area devoted to currants was reduced to 7,862 acres and the total production was reduced to 10,448,532 quarts.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA.....	2	2,060	.....	548
ARIZ.....	2	3,280	1	1,010
ARK.....	5	6,990	4	3,201
CALIF.....	724	1,031,100	407	852,378
COLO.....	226	204,480	282	493,728
CONN.....	175	245,990	54	74,488
DEL.....	12	12,600	3	2,973
D. OF C.	6	5,040	1	2,000
FLA.....	.....	.....	.....	146
GA.....	5	6,740	1	2,320
IDAHO.....	181	218,580	167	161,230
ILL.....	640	842,000	252	265,839
IND.....	577	1,044,025	165	208,049
IA.....	1,017	1,226,560	253	317,637
KAS.....	134	130,210	98	67,005
KY.....	15	19,370	14	15,139
LA.....	.....	50	.....	.....
ME.....	31	37,080	80	76,031
MD.....	65	63,460	36	34,000
MASS.....	190	255,580	243	213,310
MICH.....	2,286	2,721,070	609	768,259
MINN.....	259	311,950	200	182,825
MISS.....	3	2,830	.....	362
MO.....	194	223,730	92	91,207
MONT.....	120	252,860	115	123,031
NEB.....	161	162,880	86	90,779
NEV.....	16	25,670	11	8,824
N. H.....	24	34,060	42	43,319
N. J.....	158	264,740	124	161,223
N. M.....	10	14,340	7	5,523
N. Y.....	2,594	4,584,080	2,557	3,982,389
N. C.....	28	32,360	3	3,382
N. D.....	36	35,440	138	97,598
OHIO.....	765	1,153,920	359	460,575
OKLA.....	11	10,140	36	31,024
ORE.....	169	238,420	89	117,354
PENN.....	716	1,031,870	558	493,871
R. I.....	26	54,020	12	17,110
S. C.....	2	2,290	1	999
S. D.....	38	37,140	67	52,951
TENN.....	12	13,190	2	3,726
TEX.....	4	5,370	6	4,873
UTAH.....	194	304,850	128	195,901
VT.....	30	50,490	58	58,538
VA.....	39	42,060	5	8,127
WASH.....	238	416,170	127	194,365
W. VA.....	50	51,340	40	34,069
WIS.....	667	1,153,190	298	383,982
WYO.....	8	7,030	41	38,833
Total.	12,865	18,592,695	7,862	10,448,532

ORANGES, LEMONS AND (POMELOS) GRAPE FRUIT.

(Last Census Report.)

State.	ORANGES, Farms.	LEMONS, Boxes.	GRAPE Fruit, Farms.	Boxes.
ALA.....	560	1201	132	65
ARIZ.....	336	32247	99	1010
ARK.....	40	1	56	3
CAL.	19074	14436180	8449	2756221
FLA.	16769	4852967	498	12367
GA.....	215	210	42	2
IA.....	3231	149979	261	303
MISS.....	550	3779	141	31
N. M.....	3	12	.....	.....
N. C.....	51	21	55	66
S. C.....	80	177	51	6
TENN.....	43	1	55	6
TEX.....	3054	10694	666	224
VA.....	16	12	52	8
Total.	44022	10557	6172	11189250
Total.	19487481	2770313	403	488

Apples, Peaches, Pears—1917.

In the December United States Agricultural Report the 1917 crops of apples, peaches and pears are estimated. The largest production of apples is in the state of Washington, with New York, Missouri and Pennsylvania following in the order named. In peaches the state of California leads far beyond other states. California leads in pears, followed by New York and Michigan.

State.	Apples, 1917. Yield, Bushels.	Peaches, 1917. Yield, Bushels.	Pears, 1917. Yield, Bushels.
ALA.....	1,453,000	1,830,000	80,000
ARIZ.....	135,000	60,000	21,000
ARK.....	2,683,000	840,000	102,000
CALIF.....	5,592,000	14,151,000	3,523,000
COLO.....	2,640,000	1,200,000	320,000
CONN.....	1,316,000	268,000	29,000
DEL.....	450,000	647,000	294,000
FLA.....	0	122,000	45,000
GA.....	1,754,000	4,716,000	140,000
IDA.....	1,995,000	165,000	70,000
ILL.....	7,500,000	364,000	456,000
IND.....	5,915,000	592,000	410,000
IOWA.....	5,775,000	30,000	82,000
KAS.....	3,375,000	121,000	140,000
KY.....	9,125,000	1,034,000	204,000
LA.....	0	478,000	52,000
ME.....	4,617,000	0	24,000
MD.....	2,525,000	975,000	525,000
MASS.....	2,186,000	145,000	71,000
MICH.....	5,160,000	744,000	1,080,000
MINN.....	1,445,000	0	0
MISS.....	315,000	375,000	30,000
MO.....	12,375,000	890,000	265,000
MONT.....	911,000	0	11,000
NEB.....	2,400,000	0	14,000
NEV.....	192,000	6,000	6,000
N. H.....	1,035,000	47,000	19,000
N. J.....	2,041,000	871,000	590,000
N. M.....	657,000	60,000	46,000
N. Y.....	14,059,000	2,244,000	1,708,000
N. C.....	6,156,000	1,541,000	150,000
N. D.....	0	0	0
OHIO.....	6,336,000	496,000	334,000
OKLA.....	1,300,000	1,150,000	45,000
ORE.....	3,500,000	250,000	600,000
PENN.....	12,150,000	1,440,000	448,000
R. I.....	198,000	20,000	7,000
S. C.....	818,000	1,130,000	100,000
S. D.....	349,000	0	0
TENN.....	5,000,000	900,000	75,000
TEXAS.....	345,000	2,352,000	280,000
UTAH.....	650,000	900,000	48,000
VT.....	1,286,000	0	14,000
VA.....	9,974,000	800,000	194,000
WASH.....	17,897,000	504,000	595,000
W. VA.....	5,994,000	608,000	33,000
WIS.....	3,029,000	0	0
WYO.....	0	0	0
U. S.....	174,608,000	45,066,000	13,281,000
Latest....	163,117,000	45,066,000	13,281,000

WHEN WATERMELONS ARE HARVESTED.

Returns from truck crop reporters show the per cent. of the watermelon crop in the following states usually harvested in each month from April to October to be as follows:

State.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Florida.....	2.8	23.8	56.5	13.9	1.1	...	1.9
Texas.....	2.5	12.0	34.4	41.5	9.0	0.6	...
Alabama.....	...	2.0	18.5	64.5	18.5	6.5	...
N. Carolina.....	...	4.2	55.8	33.3	5.0	1.7	...
S. Carolina.....	...	...	1.2	94.4	4.4	...	...
Georgia.....	...	14.3	57.0	27.3	1.4	...	...
California.....	...	4.0	23.5	34.5	29.5	6.0	...
Oklahoma.....	...	...	27.5	41.2	31.3	...	...
Virginia.....	...	...	15.6	74.4	10.0	...	...

The statement accounts for nearly all the watermelons, there being few marketed before April and none after October.

Old Diomedé, a thoroughbred horse, the first Derby winner in England, imported into Virginia at the age of twenty years. Father of the American saddle horse.

APPLES, PEACHES, PEARS, 1918.

The fruit crop of the United States very largely centers on these three items, in which the production in bushels is shown by states.

State.	Apples, Bushels.	Peaches, Bushels.	Pears, Bushels.
ALA.....	1,553,000	3,142,000	142,000
ARIZ.....	184,000	58,000	20,000
ARK.....	1,812,000	260,000	60,000
CALIF.....	5,237,000	12,786,000	1,890,000
COLO.....	2,046,000	754,000	206,000
CONN.....	1,347,000	15,000	38,000
DEL.....	492,000	284,000	236,000
FLA.....	...	264,000	132,000
GA.....	1,889,000	6,746,000	180,000
IDAHO.....	1,665,000	80,000	63,000
ILL.....	3,822,000	78,000	281,000
IND.....	3,136,000	92,000	246,000
IOWA.....	2,881,000	...	42,000
KAS.....	3,105,000	...	38,000
KY.....	4,830,000	110,000	171,000
LA.....	...	615,000	49,000
MAINE.....	3,010,000	...	14,000
MD.....	2,365,000	600,000	462,000
MASS.....	2,861,000	9,000	72,000
MICH.....	13,564,000	248,000	650,000
MINN.....	1,221,000	...	...
MISS.....	518,000	1,386,000	131,000
MO.....	8,036,000	...	131,000
MONT.....	790,000	...	5,000
NEB.....	758,000	...	6,000
NEV.....	141,000	15,000	16,000
N. H.....	1,144,000	...	14,000
N. J.....	2,460,000	792,000	649,000
N. M.....	1,000,000	85,000	57,000
N. Y.....	42,160,000	1,167,000	1,269,000
N. C.....	5,460,000	1,035,000	115,000
N. D.....	...	...	...
OHIO.....	7,983,000	348,000	307,000
OKLA.....	693,000	303,000	32,000
OREGON.....	3,684,000	118,000	662,000
PENN.....	17,188,000	1,210,000	481,000
R. I.....	208,000	2,000	9,000
S. C.....	764,000	1,064,000	90,000
S. D.....	594,000	...	...
TENN.....	4,710,000	840,000	112,000
TEXAS.....	270,000	2,041,000	250,000
UTAH.....	792,000	1,080,000	53,000
VT.....	1,400,000	...	10,000
VA.....	11,702,000	578,000	146,000
WASH.....	16,657,000	1,130,000	603,000
W. VA.....	9,403,000	850,000	38,000
WIS.....	2,854,000	...	21,000
WYO.....	...	...	...
U. S.....	198,389,000	40,185,000	10,189,000
Latest....	173,632,000	40,185,000	10,342,000

HOG MARKET RECEIPTS.

The following tabulation shows the combined receipts of hogs monthly since January, 1913, at twelve important interior markets (Chicago, Cincinnati, Denver, Fort Worth, Indianapolis, Kansas City, Omaha, Portland, Oregon, St. Joseph, St. Louis, St. Paul and Sioux City):

Months.	1913.	1914.	1915.
January....	2,482,000	2,309,000	2,796,000
February....	1,938,000	2,003,000	2,610,000
March.....	1,705,000	1,810,000	2,409,000
April.....	1,714,000	1,568,000	1,749,000
May.....	2,015,000	1,732,000	2,019,000
June.....	2,120,000	1,972,000	2,120,000
Six Months, Jan. to June	11,974,000	11,394,000	13,703,000
July.....	1,810,000	1,582,000	1,762,000
August.....	1,687,000	1,325,000	1,477,000
September..	1,634,000	1,343,000	1,311,000
October....	1,863,000	1,796,000	1,529,000
November..	2,099,000	2,128,000	2,454,000
December..	2,600,000	2,733,000	3,520,000
Year's Total	23,666,000	22,301,000	25,757,000
Months.	1916.	1917.	1918.
January....	3,835,000	3,634,000	2,968,000
February....	3,165,000	2,779,000	3,134,000
March.....	2,518,000	2,313,000	3,183,000
April.....	1,960,000	2,035,000	2,674,000
May.....	2,360,000	2,263,000	2,360,000
June.....	2,207,000	2,016,000	2,108,000
Six Months, Jan. to June	16,045,000	15,040,000	16,427,000
July.....	1,860,000	1,930,000	2,270,000
August.....	1,962,000	1,357,000	...
September..	1,579,000	1,042,000	...
October....	2,397,000	1,683,000	...
November..	3,457,000	2,506,000	...
December..	3,640,000	2,614,000	...
Year's Total	30,939,000	26,171,000	...

State Live Stock Valuations No. 1.

The United States Department of Agriculture has issued a statement dated basis of January, 1918, which intends to show the value of the cattle, hogs and sheep separated from the horses and mules. These two columns added together make the total value of live stock in each state, which is shown in another table. Thus, cattle, hogs and sheep value, \$5,394,000,000, and horses and mules value, \$2,870,000,000, make an aggregate of \$8,264,000,000.

State.	Cattle, Hogs and Sheep.	Horses and Mules.
ALA.....	\$ 66,000,000	\$ 58,000,000
ARIZ.....	67,000,000	11,000,000
ARK.....	63,000,000	60,000,000
CALIF.....	163,000,000	53,000,000
COLD.....	118,000,000	42,000,000
CONN.....	150,000,000	7,000,000
DEL.....	5,000,000	4,000,000
FLA.....	42,000,000	14,000,000
GA.....	80,000,000	79,000,000
IDAHO.....	79,000,000	26,000,000
ILL.....	276,000,000	169,000,000
IND.....	181,000,000	99,000,000
IOWA.....	514,000,000	172,000,000
KAS.....	246,000,000	152,000,000
KY.....	88,000,000	72,000,000
LA.....	52,000,000	40,000,000
MAINE.....	21,000,000	18,000,000
MD.....	26,000,000	21,000,000
MASS.....	20,000,000	9,000,000
MICH.....	143,000,000	81,000,000
MINN.....	201,000,000	100,000,000
MISS.....	88,000,000	63,000,000
MO.....	254,000,000	14,000,000
MONT.....	113,000,000	50,000,000
NEB.....	300,000,000	119,000,000
NEV.....	50,000,000	6,000,000
N. H.....	13,000,000	7,000,000
N. J.....	22,000,000	14,000,000
N. M.....	88,000,000	19,000,000
N. Y.....	199,000,000	87,000,000
N. C.....	51,000,000	61,000,000
N. D.....	70,000,000	87,000,000
OHIO.....	225,000,000	102,000,000
OKLA.....	123,000,000	101,000,000
OREGON.....	76,000,000	31,000,000
PENN.....	138,000,000	81,000,000
R. I.....	3,000,000	1,000,000
S. C.....	32,000,000	48,000,000
S. D.....	157,000,000	79,000,000
TENN.....	67,000,000	74,000,000
TEXAS.....	285,000,000	154,000,000
UTAH.....	61,000,000	13,000,000
VT.....	33,000,000	13,000,000
VA.....	63,000,000	46,000,000
WASH.....	42,000,000	36,000,000
W. VA.....	47,000,000	22,000,000
WIS.....	233,000,000	83,000,000
WYO.....	115,000,000	18,000,000
U. S.....	\$5,394,000,000	\$2,870,000,000

State Live Stock Valuations No. 2.

This tabulated statement by the United States Department of Agriculture gives the total value of all live stock, state by state, for the years 1917 and 1918. In addition there is also the rank of each state in live stock ownership from Iowa, which is first, to Rhode Island, which is forty-eighth. These are aggregate figures, meaning a combined total value of \$8,260,000,000 in live stock on farms of the United States.

State.	1917.	1918. Rank.
ALA.....	\$ 87,000,000	\$124,000,000 25
ARIZ.....	61,000,000	78,000,000 35
ARK.....	95,000,000	123,000,000 26
CALIF.....	183,000,000	216,000,000 16
COLO.....	128,000,000	160,000,000 19
CONN.....	19,000,000	22,000,000 45
DEL.....	3,000,000	9,000,000 47
FLA.....	41,000,000	56,000,000 33
GA.....	119,000,000	159,000,000 20
IDAHO.....	80,000,000	105,000,000 31
ILL.....	365,000,000	445,000,000 3
IND.....	226,000,000	280,111,000 11
IOWA.....	535,000,000	686,000,000 1
KAS.....	328,000,000	398,000,000 5
KY.....	127,000,000	160,000,000 18
LA.....	72,000,000	92,000,000 32
MAINE.....	31,000,000	39,000,000 42
MD.....	41,000,000	47,000,000 40
MASS.....	25,000,000	29,000,000 44
MICH.....	189,000,000	224,000,000 13
MINN.....	248,000,000	301,000,000 9
MISS.....	94,000,000	131,000,000 24
MO.....	303,000,000	396,000,000 6
MONT.....	137,000,000	163,000,000 17
NEB.....	328,000,000	419,000,000 4
NEV.....	39,000,000	55,000,000 39
N. H.....	16,000,000	20,000,000 46
N. J.....	31,000,000	36,000,000 43
N. M.....	89,000,000	107,000,000 29
N. Y.....	234,000,000	286,000,000 10
N. C.....	88,000,000	112,000,000 27
N. D.....	150,000,000	157,000,000 21
OHIO.....	263,000,000	327,000,000 8
OKLA.....	188,000,000	224,000,000 14
OREGON.....	88,000,000	107,000,000 30
PENN.....	186,000,000	219,000,000 15
R. I.....	3,000,000	4,000,000 48
S. C.....	60,000,000	80,000,000 33
S. D.....	190,000,000	236,000,000 12
TENN.....	114,000,000	141,000,000 22
TEXAS.....	459,000,000	465,000,000 2
UTAH.....	49,000,000	74,000,000 36
VT.....	36,000,000	46,000,000 41
VA.....	91,000,000	109,000,000 28
WASH.....	63,000,000	78,000,000 34
W. VA.....	58,000,000	69,000,000 37
WIS.....	274,000,000	316,000,000 8
WYO.....	96,000,000	.....
U. S.....	\$6,735,000,000	\$8,264,000,000 ..

GROWING OF CELERY.

Celery growing on a commercial scale is not confined to five states, but it is only in five states that the crop is considered of sufficient dimensions to be subject of Agricultural Department crop reports. In the last census year 4,005 farms in all the different states reported growing celery on 15,863 acres, and producing crops to the value of \$3,922,848, which amounts to nearly \$250 per acre. The acreage was 13,213 in 1915 in six states, and in those same states in 1916 the acreage was only 11,583, a decrease, one year with another, of 1,625 acres.

State.	1915. Acres.	1916. In-crease.	De-crease.
COLORADO.....	400	400	.....
MICHIGAN.....	3,118	3,134	16
NEW YORK.....	5,900	4,404	1,496
OHIO.....	1,058	1,097	39
PENNSYLVANIA.....	2,737	2,553	184
Total.....	13,213	11,588	1,625

Harvesting of Potatoes.

The United States Bureau of Crop Estimates of the Department of Agriculture has ascertained when white (Irish) potatoes are harvested, and the amount and quantity harvested in each month, as follows:

Month.	Per Cent.	1915. Bushels.	Per Cent.	1916. Bushels.
JAN.....	.....	10,000	.....	11,000
FEB.....	.....	38,000	.....	45,000
MARCH.....	.....	117,000	.....	131,000
APRIL.....	0.2	681,000	0.2	730,000
MAY.....	1.0	3,601,000	1.2	3,400,000
JUNE.....	3.2	11,626,000	3.5	8,032,000
JULY.....	7.9	28,400,000	7.9	22,732,000
AUG.....	13.1	46,874,000	12.9	38,351,000
SEPT.....	29.7	106,716,000	29.5	85,166,000
OCT.....	41.8	150,200,000	41.4	119,747,000
NOV.....	2.9	10,665,000	3.3	9,434,000
DEC.....	.....	175,000	.1	195,000
Total.....	100.0	359,103,000	100.0	288,964,000

State Crop Valuations.

We have here the state quotations of all crops. It also gives a number showing the relative rank of each state. The table is for two years, 1916 and 1917. There is considerable difference one year with another in regard to state valuations. Thus, for instance, Texas was first in 1916 and second in 1917; Illinois was third in 1916 and first in 1917; Missouri was fourteenth in 1916 and fifth in 1917; Kansas was sixth in 1916 and 14th in 1917.

State.	Rank.	1916.		Rank.	1917.	
		Value of Crops.	\$		Value of Crops.	\$
ALA.	27	165,487,000		25	291,563,000	
ARIZ.	45	18,626,000		45	27,068,000	
ARK.	16	248,463,000		20	359,538,000	
CALIF.	13	267,638,000		10	432,285,000	
COLO.	30	106,453,000		28	161,890,000	
CONN.	40	42,911,000		39	57,814,000	
DEL.	46	17,847,000		44	27,707,000	
FLA.	37	61,888,000		33	104,771,000	
GA.	5	358,023,000		6	542,783,000	
IDA.	36	74,243,000		36	94,890,000	
ILL.	3	477,263,000		1	842,042,000	
IND.	9	285,384,000		8	503,154,000	
IOWA.	2	516,490,000		3	783,438,000	
KAS.	6	315,678,000		14	399,844,000	
KY.	19	221,311,000		16	375,710,000	
LA.	25	186,494,000		24	313,352,000	
ME.	32	88,938,000		37	71,425,000	
MD.	34	86,093,000		31	123,879,000	
MASS.	38	51,853,000		38	69,106,000	
MICH.	17	237,175,000		21	356,265,000	
MINN.	12	268,775,000		9	480,230,000	
MISS.	23	197,852,000		19	359,596,000	
MO.	14	261,269,000		5	546,036,000	
MONT.	29	121,055,000		35	103,845,000	
NEB.	4	389,025,000		7	522,186,000	
NEV.	47	17,148,000		47	25,655,000	
N. H.	43	26,714,000		46	25,748,000	
N. J.	35	79,781,000		34	103,895,000	
N. M.	44	22,670,000		43	38,470,000	
N. Y.	8	294,476,000		12	417,846,000	
N. C.	11	272,076,000		11	417,846,000	
N. D.	26	169,660,000		27	220,290,000	
OHIO.	10	284,323,000		4	546,038,000	
OKLA.	18	236,832,000		23	329,579,000	
ORE.	31	105,500,000		32	108,832,000	
PENN.	7	299,408,000		13	412,394,000	
R. I.	48	5,556,000		48	8,352,000	
S. C.	22	199,532,000		15	389,887,000	
S. D.	24	189,257,000		18	366,582,000	
TENN.	21	213,701,000		26	290,819,000	
TEXAS.	1	695,365,000		2	788,983,000	
UTAH.	39	43,436,000		41	49,627,000	
VT.	41	42,782,000		42	45,950,000	
VA.	20	215,079,000		22	344,159,000	
WASH.	28	127,502,000		29	144,422,000	
W. VA.	33	87,428,000		30	132,281,000	
WIS.	15	254,599,000		17	367,095,000	
WYO.	42	36,811,000		40	52,829,000	
Total.		\$8,985,870,000			\$13,580,768,000	

Velvet Beans, 1917.

Velvet beans are planted for the beans, and in addition 49 per cent. of the acreage is grazed or hogged off and 8 per cent. plowed under for soil improvement. We show the total acreage, the acreage harvested for the beans and the production of beans in bushels.

State.	Acreage Planted.	Cut For Grain, Acres.	Production, Bushels.
ALA.	1,800,000	1,080,000	8,140,000
ARK.	18,000	4,000	
FLA.	508,000	250,000	2,250,000
GA.	1,800,000	403,000	3,224,000
MISS.	705,000	176,000	1,760,000
N. C.	108,000	5,000	75,000
S. C.	188,000	28,000	350,000
Total.	4,619,000	1,946,000	15,790,000

Production of Strawberries.

Herewith for two years we give the United States Agricultural Department estimate of acreage and production of strawberries, also by states the estimated production in twenty-four quart crates.

State.	Acreage to be Picked, Acres.	Condi- tion, May 15, 1918.		Fore- cast of Pro- duction, Crates.
		Per Cent.	Quarts.	
ARK.	11,020	49	980	449,983
ALA.	2,240	86	1,720	160,533
CALIF.	3,800	82	1,668	311,600
DEL.	5,000	73	2,184	455,000
FLA.	1,450	78	1,560	94,250
KY.	3,230	82	2,952	397,290
LA.	12,770	40	800	425,666
MD.	8,120	78	2,184	738,920
MISS.	970	71	1,420	57,392
MO.	3,470	66	1,584	229,020
N. J.	3,440	86	2,064	295,840
N. C.	2,860	85	2,210	263,358
S. C.	850	100	2,500	88,542
TENN.	12,630	64	1,280	673,600
TEXAS.	1,130	75	1,800	84,750
VA.	3,520	77	2,156	316,213
Total, 1918.	76,500	...	1,582	5,041,957
Total, 1917.	96,690	...	1,718	6,920,369

NURSERY PRODUCT ESTABLISHMENTS.

In the United States, according to the last census, we have 5,582 farms devoted to the production of nursery products. The total acreage is 80,618. These establishments are valued at \$3,771 each, with an average value of \$261.12 per acre. This industry had a total value of \$10,123,873 in 1899, which was increased to \$21,050,822 in the year 1909.

State	No. of Farms.	State Acreage.	Farm Value.	Value, \$
ALA.	62	3,079	\$4,178	\$84.14
ARIZ.	11	18	412	251.94
ARK.	133	528	1,493	376.10
CALIF.	566	4,803	3,910	460.71
COLO.	61	241	1,182	299.13
CONN.	60	770	4,358	339.62
DEL.	19	182	2,056	214.60
FLA.	133	2,231	3,595	214.33
GA.	54	1,502	6,786	243.96
IDAHO.	26	530	5,509	270.25
ILL.	258	3,454	3,187	238.07
IND.	164	1,850	2,508	222.37
IOWA.	242	3,430	3,496	246.62
KAS.	120	4,003	7,904	236.95
KY.	77	542	1,506	213.95
LA.	60	502	1,461	174.59
MAINE.	17	57	1,367	407.79
MD.	71	4,240	6,435	107.76
MASS.	119	1,547	5,091	391.65
MICH.	313	3,034	2,054	211.86
MINN.	191	3,854	4,518	223.93
MISS.	34	533	2,204	140.61
MO.	186	2,459	2,846	215.29
MONT.	28	341	6,230	511.52
NEB.	90	1,997	6,145	276.94
NEV.	5	...	99	...
N. H.	9	24	1,322	495.71
N. J.	105	2,167	6,493	314.64
N. M.	17	24	540	382.58
N. Y.	608	8,680	4,525	316.93
N. C.	125	754	2,136	354.07
N. D.	49	472	633	65.67
OHIO.	272	4,718	3,163	182.36
OKLA.	90	857	1,911	200.64
OREGON.	112	2,168	6,991	361.17
PENN.	175	2,828	5,272	326.23
R. I.	27	212	2,798	356.34
S. C.	22	21	200	209.95
S. D.	30	399	2,361	177.51
TENN.	143	3,976	4,812	175.48
TEXAS.	223	3,847	5,378	325.74
UTAH.	38	577	4,959	326.61
VT.	9	37	1,224	297.68
VA.	69	569	2,319	281.18
WASH.	115	1,342	4,580	392.46
W. VA.	71	464	1,116	170.84
WIS.	152	755	1,980	398.71
WYO.	8	...	210	...
U. S.	5,582	80,618	\$3,771	\$261.12

FERTILIZER TONNAGE.

Official Statements and Estimates of the Amount of Commercial Fertilizer Used in Each State in Different Years.

This tabulated statement is published by courtesy of the American Fertilizer Handbook, published by Ware Bros. & Company, of Philadelphia. Where the amount of fertilizer consumed is considerable, the figures are from official records; in other states where records are not complete, the same estimates have been made. We have selected three years for publication. The first is 1910 as a starting point and 1914 as the year of the largest consumption thus far, and the year 1915 as the latest figures available.

State.	1910. Tons.	1914. Tons.	1915. Tons.
ALA.....	425,000	592,200	302,350
ARIZ.....	200	650	700
ARK.....	30,000	84,850	26,396
CALIF.....	41,000	39,471	31,540
COLO.....	2,000	3,500	3,600
CONN.....	42,000	85,000	92,000
DEL.....	23,000	55,000	45,000
FLA.....	182,641	240,812	208,782
GA.....	1,022,048	1,282,088	872,979
IDAHO.....	700	1,500	1,500
ILL.....	55,000	75,000	75,000
IND.....	151,856	219,000	150,152
IOWA.....	1,100	4,200	5,100
KAS.....	1,210	4,460	10,060
KY.....	58,000	83,000	85,000
LA.....	88,396	90,588	73,420
MAINE.....	125,000	168,000	160,000
MD.....	148,000	183,350	168,000
MASS.....	65,000	150,000	162,000
MICH.....	40,000	60,000	65,000
MINN.....	1,800	3,800	4,000
MISS.....	132,776	127,400	85,414
MO.....	31,585	65,000	57,000
MONT.....	200	1,100	1,200
NEB.....	200	1,250	1,500
NEV.....	160	950	1,000
N. H.....	17,500	50,000	54,000
N. J.....	125,000	155,414	153,075
N. M.....	500	1,200	1,500
N. Y.....	375,000	490,000	525,000
N. C.....	630,905	872,820	647,188
N. D.....	350	1,250	1,500
OHIO.....	142,000	203,000	225,000
OKLA.....	6,000	20,000	25,000
OREGON.....	2,500	6,300	6,500
PENN.....	300,000	381,900	316,319
R. I.....	10,300	20,000	21,600
S. C.....	975,039	1,095,728	603,421
S. D.....	100	1,000	1,500
TENN.....	58,612	93,550	66,800
TEXAS.....	34,000	77,400	17,500
UTAH.....	400	1,200	1,500
VT.....	18,000	27,500	28,000
VA.....	344,951	437,808	406,077
WASH.....	1,300	2,400	3,000
W. VA.....	32,500	35,475	46,010
WIS.....	2,000	4,500	5,000
WYO.....	100	400	500
PORTO RICO.....	23,922	18,164	20,000
Total.....	5,759,555	7,629,228	5,870,683

FERTILIZER TONNAGE.

The following statement of fertilizer tonnage used in the United States is based upon estimates published in the American Fertilizer Handbook published by Ware Bros. & Company. It shows that there has been some progress in the fertilizer business, notwithstanding the unfavorable conditions brought about by the war.

State.	1912. Tons.	1913. Tons.	1918. Tons.
ALA.....	452,215	474,730	289,990
ARIZ.....	500	600	500
ARK.....	50,000	52,000	88,500
CALIF.....	50,000	36,000	32,036
COLO.....	500	500	1,000
CONN.....	48,000	50,000	115,000
DEL.....	30,000	50,000	54,000
FLA.....	187,000	213,000	197,500
GA.....	1,103,864	1,120,693	923,020
IDAHO.....		200	500
IND.....	143,678	193,899	244,340
IOWA.....	2,500	3,500	5,000
ILL.....	65,000	70,000	75,000
KAS.....	5,000	7,380	8,000
KY.....	65,000	75,000	128,000
LA.....	75,555	98,778	81,025
MAINE.....	150,000	160,000	155,000
MD.....	160,000	169,000	173,000

State.	1912. Tons.	1913. Tons.	1918. Tons.
MASS.....	75,000	75,000	100,000
MICH.....	51,000	57,885	78,000
MINN.....	2,400	3,500	7,000
MISS.....	119,710	128,050	104,700
MO.....	38,359	60,000	90,000
MONT.....	700	800	1,000
NEB.....	500	500	500
NEV.....	600	800	1,000
N. H.....	15,000	18,000	18,000
N. J.....	140,000	156,661	153,198
N. M.....	200	200	500
N. Y.....	425,000	460,000	525,000
N. C.....	695,705	840,447	921,902
N. D.....	500	500	1,000
OHIO.....	151,784	183,476	219,328
OKLA.....	10,000	18,000	25,000
OREGON.....	3,500	4,500	6,000
PENN.....	318,716	340,000	340,898
R. I.....	13,000	14,000	15,000
S. C.....	886,222	918,336	1,064,886
S. D.....	300	700	2,500
TENN.....	77,473	84,060	113,000
TEXAS.....	45,000	75,500	58,000
UTAH.....	700	75,500	1,000
VT.....	22,000	25,000	30,000
VA.....	372,108	412,434	430,549
WASH.....	1,400	1,500	4,010
W. VA.....	31,750	31,852	59,036
WIS.....	3,500	4,000	7,500
WYO.....	150	200	500
TOTAL.....	6,112,016	6,711,845	6,991,743

FERTILIZERS USED ON FARMS.

This is a foundation table on which later information can be carried. It shows the amount of money the farmers of different states reported they had expended in one year for fertilizing materials, that year being 1899. Ten years later, in 1909, we show the number of farms in each state that reported purchasing fertilizer and the amount paid in each state for same.

State.	1899. Amount Expended.	1909. Farms Reporting.	1909. Amount Expended.
ALA.....	\$ 2,599,290	163,241	\$ 7,630,952
ARIZ.....	2,921	33	6,080
ARK.....	172,510	22,113	596,553
CALIF.....	937,050	7,470	2,143,993
COLO.....	23,225	560	63,113
CONN.....	1,078,240	15,584	1,954,163
DEL.....	539,040	9,023	864,577
D. C.....	22,600	77	16,975
FLA.....	753,120	29,826	3,609,853
GA.....	5,758,520	236,271	16,860,149
IDAHO.....	17,150	267	2,737
ILL.....	830,660	11,207	615,594
IND.....	1,553,710	55,431	2,189,695
IOWA.....	337,190	1,776	109,570
KAS.....	268,360	1,415	75,602
KY.....	908,250	56,783	1,350,720
LA.....	1,076,890	22,111	2,004,919
ME.....	819,680	39,497	4,069,479
MD.....	2,618,890	37,154	3,387,634
MASS.....	1,320,600	21,689	1,965,682
MICH.....	492,360	31,327	945,354
MINN.....	251,120	1,436	74,653
MISS.....	932,098	78,677	2,703,271
MO.....	370,630	18,434	671,073
MONT.....	3,940	89	12,323
NEB.....	153,080	369	31,021
NEV.....		35	8,379
N. H.....	367,980	15,351	512,580
N. J.....	2,105,320	23,685	4,227,604
N. M.....	2,881	27	25,371
N. Y.....	4,493,050	113,883	7,142,265
N. C.....	4,479,030	181,718	12,262,533
N. D.....	13,855	175	10,003
OHIO.....	2,695,470	118,888	4,180,485
OKLA.....		622	29,092
OREGON.....	27,395	2,887	68,557
PENN.....	4,685,920	129,769	6,801,605
R. I.....	264,140	3,318	335,103
S. C.....	4,494,410	140,303	15,162,017
S. D.....	12,940	185	11,294
TENN.....	898,070	53,498	1,216,296
TEXAS.....	124,716	15,931	595,363
UTAH.....	14,300	571	20,037
VT.....	447,065	19,033	570,752
VA.....	3,681,790	111,277	6,932,455
WASH.....	29,165	1,801	87,023
W. VA.....	405,270	23,967	528,937
WIS.....	294,320	2,995	127,753
WYO.....	12,700	33	5,302

In the year 1800 Bernard McMahon, gardener, seedsman and author, opened a seed store in Philadelphia.

EMMER AND SPELT.

According to the Census Bureau, emmer and spelt are old grains known to the ancient world. They are really a species of wheat and used by us as stock food. The first statistics of emmer and spelt production appeared in our last census, as follows, representing basic information to build upon as later information is obtained. Emmer and spelt is mostly emmer, and spelt is scarce. They are dry-farming crops.

State.	Acreage.	Bushels.	Value.
ARIZ.....	10	67	\$ 80
ARK.....	12	132	134
CALIF.....	840	19,755	13,758
CONN.....		14	12
DELA.....	41	1,412	1,005
GA.....	2	95	95
IDAHO.....	209	5,575	3,827
ILL.....	1,633	41,999	20,764
IND.....	223	4,276	2,256
IOWA.....	7,356	139,339	65,436
KAS.....	49,969	785,362	342,846
KY.....	96	2,021	1,804
MAINE.....	25	587	433
MD.....	92	2,171	1,246
MASS.....		6	5
MICH.....	6,742	154,103	97,414
MINN.....	30,891	757,339	338,841
MISS.....	2	40	40
MO.....	7,935	104,540	47,543
MONT.....	1,308	39,830	24,643
NEB.....	65,681	1,221,975	484,791
NEV.....	1	12	40
N. H.....	28	468	253
N. J.....	23	154	144
N. D.....	1,382	33,890	22,110
N. Y.....	101,144	2,564,732	1,102,782
OHIO.....	253	5,185	3,053
OKLA.....	8,659	94,580	54,690
OREGON.....	719	24,746	14,972
PENN.....	385	8,635	6,066
S. D.....	259,611	6,098,982	2,627,533
TENN.....	1	15	7
TEXAS.....	4,624	44,316	27,118
UTAH.....	48	1,131	763
VT.....	176	4,799	3,767
VA.....	52	795	770
WASH.....	302	10,843	6,388
W. VA.....	111	1,558	1,515
WIS.....	6,690	166,301	89,118
WYO.....	1,521	35,677	22,918
U. S.....	573,622	12,702,710	\$5,584,050

The Beekeepers and Colonies.

It is not often the colonies of bees are counted, but they are each census year. We present herewith tabulated comparison, showing the number of farms reporting the ownership of bees in each state and the number of colonies in the years 1900 to 1910. Unfortunately, the census people took the count in 1900 on June 1st and the next census the date was changed to April 15th. There appears to have been a decrease of beekeeping in ten years, from 1900 to 1910, but that is very likely not the case. We take official figures for what they are worth.

State.	Farms Reporting, June 1, 1900.	Colonies of Bees, June 1, 1900.	Farms Reporting, April 15, 1910.	Colonies of Bees, April 15, 1910.
ALA.....	32,100	205,369	23,911	135,140
ARIZ.....	489	18,991	441	23,770
ARK.....	22,182	111,318	19,692	92,731
CALIF.....	6,915	129,444	6,870	201,023
COLO.....	4,518	59,756	3,563	71,434
CONN.....	2,252	11,438	1,798	9,445
DELA.....	1,684	10,187	1,119	6,410
D. COL.....	7	59	151	131
FLA.....	4,521	39,753	4,345	38,895
GA.....	32,246	187,919	23,167	130,549
IDAHO.....	2,387	19,240	2,368	21,903
ILL.....	34,932	179,953	29,741	155,846
IND.....	28,632	117,148	19,487	80,938
IOWA.....	28,977	138,811	28,935	160,025
KAS.....	18,295	88,504	16,869	73,737

KY.....	44,974	203,820	35,603	152,991
LA.....	6,148	35,231	4,928	29,591
ME.....	2,496	10,857	1,371	7,592
MD.....	5,098	28,013	4,186	23,156
MASS.....	1,795	8,381	1,597	7,464
MICH.....	18,122	100,397	16,892	115,271
MINN.....	6,073	45,877	9,532	56,677
MISS.....	17,990	95,257	16,028	74,350
MO.....	41,145	205,110	40,110	203,569
MONT.....	234	1,801	795	6,313
NEB.....	12,130	52,143	12,538	45,625
NEV.....	278	5,692	176	8,401
N. H.....	1,228	5,520	1,002	4,644
N. J.....	2,327	14,118	1,627	10,484
N. M.....	410	6,164	418	10,052
N. Y.....	22,738	187,208	15,259	156,360
N. C.....	41,051	244,539	36,248	189,178
N. D.....	30	279	79	495
OHIO.....	34,458	151,391	23,203	98,242
OKLA.....	3,438	20,137	4,816	19,413
ORE.....	8,895	55,585	8,861	47,285
PENN.....	28,962	161,670	22,297	124,815
R. I.....	370	1,681	235	1,268
S. C.....	16,272	93,958	12,638	75,422
S. D.....	387	2,063	1,355	6,565
TENN.....	38,225	225,788	27,706	144,481
TEXAS.....	60,043	392,644	37,881	238,107
UTAH.....	3,707	33,818	1,873	26,185
VT.....	1,878	12,836	1,124	10,215
VA.....	25,744	139,064	22,437	104,005
WASH.....	4,435	30,870	5,886	33,884
W. VA.....	25,240	111,417	24,035	110,673
WIS.....	10,535	106,000	10,391	95,638
WYO.....	153	1,020	579	4,596
Total.....	707,215	4,108,239	585,955	3,445,006

Honey and Wax.

In the year 1899 the production of honey was 61,099,290 pounds, production of wax 1,763,595 pounds, the total value of the same being \$6,656,611. In 1909 the production was as follows:

State.	Honey, Pounds.	Wax, Pounds.	Value, Honey.	Value, Wax.
ALA...	891,954	50,043	\$ 88,088	\$ 11,889
ARIZ...	1,025,282	15,012	53,298	3,905
ARK...	913,515	20,443	107,846	5,122
CALIF.	10,264,715	126,445	621,329	33,838
COLO...	2,306,492	33,682	225,832	8,502
CONN...	145,722	1,096	25,558	355
DELA...	62,777	2,756	7,750	463
D. C...	3,657		477	
FLA...	747,832	18,635	56,050	4,856
GA.....	884,662	23,434	96,114	5,774
IDAHO...	1,011,068	8,018	86,251	2,131
ILL.....	1,428,640	26,240	194,625	6,138
IND.....	687,097	15,115	102,490	3,226
IOWA...	2,374,080	44,266	275,418	10,011
KAS.....	609,785	4,332	83,243	1,194
KY.....	1,558,670	17,307	197,720	4,522
LA.....	340,134	12,284	30,915	2,996
ME.....	112,051	2,260	20,016	670
MD.....	306,367	4,358	38,164	1,080
MASS...	96,802	1,019	18,806	370
MICH...	2,507,810	28,524	289,137	7,605
MINN...	976,262	16,580	126,560	4,057
MISS...	559,012	15,155	60,972	3,890
MO.....	2,105,315	23,784	267,998	6,176
MONT...	163,510	394	21,802	133
NEB.....	527,868	3,336	72,463	935
NEV.....	354,905	7,766	34,920	2,082
N. H....	65,038	792	13,363	260
N. J....	152,072	1,372	22,484	433
N. M....	439,528	5,345	38,113	1,526
N. Y....	3,191,733	43,198	376,608	13,034
N. C....	1,809,127	76,400	211,607	18,979
N. D....	11,084	92	1,840	29
OHIO...	1,001,179	7,454	131,710	2,181
OKLA...	140,234	1,088	25,783	313
ORE.....	839,581	8,383	92,476	2,034
PENN...	1,840,360	21,445	256,223	6,376
R. I....	4,221	5,185	2,004	65
S. C....	653,119	12,440	75,941	2,995
S. D....	139,714	943	20,165	278
TENN...	1,468,123	28,864	175,791	7,271
TEX.....	3,093,097	58,402	308,488	14,310
UTAH...	1,138,091	16,667	75,892	3,871
VT.....	160,283	2,899	25,351	815
VA.....	1,344,360	23,883	167,971	5,956
WASH...	503,580	4,038	65,196	1,195
W. VA...	1,550,739	11,090	228,843	2,787
WIS....	2,153,819	55,402	223,606	12,117
WYO...	138,924	1,563	16,248	477
Total.....	54,814,890	904,867	\$5,762,869	\$229,214

WOOL PRODUCTION.

The statement shows the production of wool in the United States in the years 1917 and 1918 as estimated by the United States Department of Agriculture:

State.	Production, Production,	
	1917.	1918.
	Pounds.	Pounds.
ALABAMA.....	350,000	368,000
ARKANSAS.....	350,000	402,000
ARIZONA.....	5,831,000	5,656,000
CALIFORNIA.....	12,180,000	12,545,000
COLORADO.....	8,820,000	9,261,000
CONNECTICUT.....	75,000	76,000
FLORIDA.....	355,000	426,000
GEORGIA.....	455,000	478,000
DELAWARE.....	31,000	31,000
IDAHO.....	17,500,000	10,500,000
ILLINOIS.....	4,332,000	4,765,000
INDIANA.....	3,855,000	4,048,000
IOWA.....	4,500,000	4,815,000
KANSAS.....	1,450,000	1,624,000
KENTUCKY.....	2,969,000	3,058,000
LOUISIANA.....	560,000	594,000
MAINE.....	833,000	833,000
MARYLAND.....	758,000	773,000
MASSACHUSETTS.....	119,000	119,000
MICHIGAN.....	8,192,000	8,765,000
MINNESOTA.....	2,964,000	3,112,000
MISSISSIPPI.....	491,000	619,000
MISSOURI.....	4,810,000	5,532,000
MONTANA.....	23,342,000	23,342,000
NEBRASKA.....	1,600,000	1,696,000
NEVADA.....	9,000,000	10,000,000
NEW HAMPSHIRE.....	183,000	192,000
NEW JERSEY.....	80,000	88,000
NEW MEXICO.....	18,422,000	17,132,000
NEW YORK.....	3,514,000	3,830,000
NORTH CAROLINA.....	553,000	570,000
NORTH DAKOTA.....	1,418,000	1,560,000
OHIO.....	12,000,000	12,600,000
OKLAHOMA.....	450,000	518,000
OREGON.....	12,000,000	12,500,000
SOUTH DAKOTA.....	3,738,000	4,747,000
SOUTH CAROLINA.....	95,000	103,000
TENNESSEE.....	1,776,000	1,954,000
PENNSYLVANIA.....	4,225,000	4,774,000
RHODE ISLAND.....	21,000	24,000
TEXAS.....	10,045,000	11,250,000
UTAH.....	14,800,000	15,800,000
VERMONT.....	597,000	663,000
VIRGINIA.....	1,862,000	1,918,000
WASHINGTON.....	4,813,000	5,504,000
WEST VIRGINIA.....	2,695,000	2,830,000
WISCONSIN.....	2,500,000	2,850,000
WYOMING.....	30,380,000	34,026,000
UNITED STATES.....	241,892,000	257,921,000

LIVE STOCK IMPORTS, 1918.

Month.	Cattle.	Sheep.	Horses.	Mules.
JANUARY.....	9,286	1,423	231	.....
FEBRUARY.....	11,924	7,085	520	.....
MARCH.....	14,603	13,200	588	.....
APRIL.....	22,563	1,899	602	.....
MAY.....	22,112	3,512	504	.....
JUNE.....	27,457	6,887	174	.....
JULY.....	21,512	672	166	.....
AUGUST.....	31,435	4,691	358	.....
SEPTEMBER.....	47,983	20,274	203	.....
OCTOBER.....	49,433	35,105	121	.....
NOVEMBER.....	54,403	36,453	276	.....
DECEMBER.....	38,802	22,002	116	.....
TOTAL.....	351,519	150,202	3,869	.....

LIVE STOCK EXPORTS, 1918.

Month.	Cattle.	Sheep.	Horses.	Mules.
JANUARY.....	601	6	8,135	3,701
FEBRUARY.....	508	48	9,091	1,286
MARCH.....	1,245	6	4,500	1,293
APRIL.....	1,457	11	2,446	89
MAY.....	1,108	96	2,263	380
JUNE.....	2,457	88	4,744	1,469
JULY.....	427	6,196	2,966	124
AUGUST.....	542	108	6,056	2,176
SEPTEMBER.....	311	39	3,509	2,223
OCTOBER.....	418	889	4,019	2,568
NOVEMBER.....	3,598	75	2,707	1,803
DECEMBER.....	4,608	400	734	207
TOTAL.....	17,280	7,962	51,170	17,319

In England, in 1800, Robert Meurs, of Somersetshire, was granted a patent for a reaping machine propelled on wheels but worked by hand.

IMPORTS AND EXPORTS OF LIVE STOCK.

The following interesting statement from official records is an exhibit of imports and exports of domestic animals.

LIVE STOCK IMPORTS.

Year.	Cattle.	Sheep.	Horses.	Mules.
1909.....	153,902	127,019	9,580	.....
1910.....	211,230	56,201	10,714	.....
1911.....	25,413	23,063	8,469	.....
1912.....	325,717	15,342	8,333	.....
1913.....	328,717	15,342	8,333	.....
1914.....	736,937	115,688	18,617	.....
1915.....	727,891	109,825	25,764	.....
1916.....	592,489	276,521	13,693	.....
1917.....	295,647	125,722	12,371	.....
1918.....	347,510	202,861	10,002	.....
1918.....	351,519	150,203	3,869	.....

LIVE STOCK EXPORTS.

Year.	Cattle.	Sheep.	Horses.	Mules.
1909.....	184,957	54,613	23,428	4,162
1910.....	109,629	52,638	29,359	6,458
1911.....	164,087	177,069	30,291	4,920
1912.....	46,463	191,963	29,229	4,490
1913.....	26,236	170,411	29,356	5,075
1914.....	8,694	78,227	92,923	13,761
1915.....	16,252	40,501	443,014	122,000
1916.....	12,179	55,089	287,413	134,461
1917.....	20,009	30,300	170,322	72,590
1918.....	17,280	7,962	51,170	17,319

HORSES AND MULES EXPORTED.

Two tabulations show the number of horses and mules exported from the United States, month by month, during the years 1914, 1915, 1916 and 1917.

HORSES.

Year.	1914.	1915.	1916.	1917.
	Number.	Number.	Number.	Number.
JAN....	1,104	34,643	21,593	30,171
FEB....	1,324	36,960	22,543	14,523
MARCH.....	3,071	33,694	23,567	18,905
APRIL.....	5,161	30,736	16,487	16,943
MAY.....	1,301	33,498	18,654	16,437
JUNE.....	1,236	40,083	21,300	18,435
JULY.....	927	47,380	24,715	7,657
AUG.....	804	43,693	29,878	11,017
SEPT.....	714	44,345	31,558	9,411
OCT.....	12,091	16,427	25,500	10,003
NOV.....	28,071	25,630	18,044	4,127
DEC.....	30,687	26,325	29,475	12,658
Total.	92,923	443,014	287,413	170,322

MULES.

Year.	1914.	1915.	1916.	1917.
	Number.	Number.	Number.	Number.
JAN....	434	6,909	7,246	10,812
FEB....	625	6,638	11,597	12,906
MARCH.....	569	6,433	7,232	14,186
APRIL.....	630	12,253	5,302	4,006
MAY.....	273	13,043	9,233	5,347
JUNE.....	244	12,916	9,091	4,472
JULY.....	211	15,031	7,456	2,320
AUG.....	108	12,925	16,629	2,392
SEPT.....	181	10,094	17,239	5,361
OCT.....	195	9,396	15,309	4,444
NOV.....	1,035	3,943	15,997	1,218
DEC.....	5,266	11,825	12,130	4,926
Total..	9,771	122,066	134,461	72,590

WOOL PRODUCTION, YEAR BY YEAR.

The following statement represents the United States Department of Agriculture estimate of the wool production of the United States, year by year, since the year 1894, the year of the largest production being 1909, and the smallest in 1898.

Year.	Pounds.	Year.	Pounds.
1894.....	298,057,384	1906.....	298,915,130
1895.....	309,748,000	1907.....	298,294,750
1896.....	272,474,708	1908.....	311,138,321
1897.....	259,153,251	1909.....	328,110,749
1898.....	266,720,684	1910.....	321,362,750
1899.....	272,191,330	1911.....	318,547,900
1900.....	288,636,621	1912.....	304,043,400
1901.....	302,502,328	1913.....	296,175,300
1902.....	316,341,032	1914.....	290,192,000
1903.....	287,450,000	1915.....	285,726,000
1904.....	291,783,032	1916.....	289,490,000
1905.....	295,488,438	1917.....	241,892,000

Horses and Mules Sold.

This tabulated statement is for the last census year. It accounts for about 2,500,000 horses and mules that were raised on farms and ranches in the United States and were available for sale and were sold in one year. It represented the available annual crop of horses and mules at the close of the census year.

State.	No. of Farms Report- ing.	Horses Sold.	No. of Farms Report- ing.	Mules Sold.
ALA.	5,523	7,787	8,083	12,661
ARIZ.	777	4,357	69	216
ARIK.	13,991	22,073	13,210	25,443
CALIF.	7,995	28,989	1,627	8,916
COLO.	5,454	23,821	776	2,697
CONN.	1,202	3,225	8	95
DEL.	665	1,453	140	307
DIST. COL.	4	9	3	8
FLA.	968	1,667	518	892
GA.	3,867	5,453	7,247	15,023
IDAHO.	3,798	13,484	171	495
ILL.	62,018	165,925	16,876	52,426
IND.	46,245	110,115	9,610	32,577
IOWA.	62,087	181,556	5,656	15,612
KAS.	35,713	105,512	17,362	64,921
KY.	23,962	43,301	23,342	60,392
LA.	2,468	4,109	1,417	3,229
ME.	4,758	12,003	25	44
MD.	5,099	10,549	1,882	1,382
MASS.	1,991	5,963	9	16
MICH.	30,297	52,432	271	484
MINN.	24,448	45,790	375	687
MISS.	5,639	7,975	5,570	9,169
MO.	50,197	124,585	43,293	150,436
MONT.	3,821	31,037	174	950
NEB.	26,729	91,218	5,866	17,541
NEV.	369	6,353	48	254
N. H.	1,616	4,966	7	58
N. J.	2,007	4,921	89	245
N. M.	2,217	11,208	765	2,038
N. Y.	20,632	39,552	196	377
N. C.	7,249	12,236	6,428	10,885
N. D.	11,013	36,983	248	636
OHIO.	49,142	104,500	1,742	3,864
OKLA.	23,373	59,751	17,661	47,193
OREGON.	6,104	21,455	346	1,685
PENN.	29,297	59,232	2,022	5,893
R. I.	193	579	1	8
S. C.	1,648	2,818	2,421	4,346
S. D.	13,851	50,858	634	1,511
TENN.	22,486	39,011	30,327	78,170
TEXAS.	28,529	69,497	27,090	70,975
UTAH.	2,549	7,069	130	382
VT.	3,220	7,158	35	55
VA.	15,148	31,878	3,374	7,021
WASH.	6,028	18,106	317	1,240
W. VA.	11,797	19,456	1,258	2,290
WIS.	25,269	43,656	176	314
WYO.	1,703	12,711	69	295
Total.	715,136	1,768,342	257,800	716,862

Rye, Buckwheat and Rice.

Year.	Rye, Acres.	Buckwheat, Acres.	Rice, Acres.
1909.....	2,196,000	878,000	610,000
1910.....	2,185,000	860,000	723,000
1911.....	2,127,000	833,000	696,000
1912.....	2,117,000	841,000	723,000
3 Years.....	6,429,000	2,534,000	2,142,000
1913.....	2,557,000	805,000	827,000
1914.....	2,541,000	792,000	694,000
1915.....	3,129,000	769,000	803,000
3 Years.....	8,227,000	2,366,000	2,324,000
1916.....	3,213,000	828,000	869,000
1917.....	4,102,000	1,006,000	964,000
1918.....	5,435,000	1,045,000	1,120,000
3 Years.....	12,750,000	2,879,000	2,953,000

In the year 1803 Levi Thurston employed the first tilt hammer at Orange, Mass., for the purpose of making scythes.

Sheep Sold and Slaughtered.

This statement refers to the last census year, when in the United States there were 52,448,000 sheep and lambs. During that year owners of 297,878 farms and ranches reported having sold a total of 18,991,456 sheep, and owners of 69,229 farms and ranches reported that they had slaughtered a total of 529,526. The sheep sold were valued at \$4.34 per head, and the sheep slaughtered at \$4.28 per head.

State.	Farms Report- ing.	No. Sheep Sold.	Farms Report- ing.	Sheep Slaughtered.
ALA.	1,289	18,539	1,293	5,251
ARIZ.	133	205,496	194	8,125
ARK.	2,533	49,356	1,250	5,705
CALIF.	1,713	815,960	919	35,915
COLO.	879	977,460	577	19,945
CONN.	216	5,887	195	2,685
DEL.	96	1,301	16	87
FLA.	59	2,916	101	1,484
GA.	1,113	14,602	928	3,552
IDAHO.	842	1,021,847	611	8,494
ILL.	12,948	554,030	1,649	4,284
IND.	21,202	584,778	951	3,714
IOWA.	9,925	594,869	2,556	6,180
KAS.	1,262	274,332	546	2,399
KY.	19,243	671,321	3,250	10,650
LA.	375	13,864	678	3,965
ME.	5,978	89,522	1,997	23,277
MD.	3,096	76,827	530	2,952
MASS.	335	6,558	202	2,412
MICH.	36,004	1,110,614	3,012	17,818
MINN.	8,599	242,613	5,418	16,231
MISS.	757	11,329	1,106	4,845
MO.	24,283	883,160	3,171	7,461
MONT.	711	1,543,632	426	13,785
NEB.	1,459	395,872	551	1,753
NEV.	113	328,046	104	6,973
N. H.	944	14,340	464	5,987
N. J.	403	9,356	149	1,229
N. M.	1,169	1,009,504	2,275	58,839
N. Y.	14,765	403,307	3,155	51,277
N. C.	5,279	75,437	3,026	9,763
N. D.	773	75,459	927	4,342
OHIO.	35,781	1,287,373	2,459	16,754
OKLA.	307	41,768	185	1,129
OREGON.	3,018	998,484	1,395	15,786
PENN.	14,413	320,541	3,007	28,218
R. I.	90	1,153	40	749
S. C.	313	3,894	318	1,409
S. D.	1,631	227,837	1,119	7,246
TENN.	14,178	456,484	3,722	13,490
TEXAS.	1,968	401,433	1,089	9,396
UTAH.	738	425,689	676	16,597
VT.	2,565	64,044	576	6,609
VA.	11,807	410,025	2,580	9,185
WASH.	729	177,169	731	7,380
W. VA.	14,953	410,133	3,173	8,269
WIS.	16,139	397,284	5,437	15,110
WYO.	672	1,276,011	565	20,832
Total.	297,878	18,991,456	69,229	529,526

PRODUCTION OF CABBAGE.

The following forecast of the commercial production of cabbage in 1918 is based upon the condition of the crop as reported on September 15 and September 1, 1918, and estimate of the total production in 1917, by states:

State.	Total Production in 1917, Tons.	Condi- tion, Per Cent.	Pro- duction, 1918, Tons.
N. Y.	206,590	76	274,350
WIS.	96,760	62	93,000
MICH.	42,330	61	38,130
COLO.	42,570	82	49,720
OHIO.	20,050	53	26,565
MINN.	23,750	85	17,100
VA.	14,620	84	16,160
IOWA.	7,200	82	14,760
IND.	12,350	62	11,220
Total.	475,220	..	541,005
Latest.	475,300	..	565,200

Mr. John Price, of Ryall, Herefordshire, first bought Hereford cattle in 1804 and was breeding continuously until 1841.

WHAT BECOMES OF THE GRAIN CROPS.

RECEIPTS OF GRAIN AT VARIOUS CITIES IN THE YEAR 1916.

Cities.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.	Total, Bushels.
Chicago, 1916.....	74,944,000	102,376,000	161,244,000	5,601,000	34,526,000	378,691,000
Detroit, 1916.....	2,539,000	3,835,000	3,933,000	531,000		10,838,000
Buffalo, 1916.....	138,668,781	3,527,207	22,036,301	1,477,346	11,700,053	177,409,688
Montreal, 1916.....	58,382,190	4,773,091	23,799,796	353,896	3,351,922	90,660,895
Omaha, 1916.....	36,831,600	21,466,600	14,570,700	1,163,800	1,136,800	75,169,500
Peoria, 1916.....	3,440,100	37,164,790	11,728,950	629,700	3,333,100	56,296,640
Kansas City, 1916.....	77,785,650	22,186,250	7,961,100	414,700	2,043,000	108,390,700
St. Louis, 1916....	40,578,583	18,459,835	19,237,385	813,714	1,580,920	80,670,437
Indianapolis, 1916....	3,292,000	25,166,000	14,596,000	126,000		43,180,000
Cincinnati, 1916.....	7,274,652	9,499,415	7,005,353	660,077	1,498,534	25,938,031
Toledo, 1916.....	6,592,700	3,961,600	4,358,800	135,100	19,000	15,067,200
Cleveland, 1916.....	2,120,979	3,706,405	5,609,815	593,767	68,421	12,099,387
Boston, 1916.....	16,521,474	2,401,678	13,493,560	265,888	564,655	33,247,255
New York, 1916.....	127,316,180	11,055,200	33,277,800	744,700	14,055,023	186,448,903
Philadelphia, 1916....	42,903,186	4,827,874	13,643,442	384,783	1,155,439	62,914,774
Baltimore, 1916.....	46,289,243	22,069,065	41,230,468	12,577,433	4,986,969	127,153,178
Milwaukee, 1916....	8,705,256	11,611,530	40,134,900	3,669,240	22,402,760	86,523,686
Duluth, 1916.....	50,691,105		7,299,813	2,850,606	10,621,371	71,462,795
Minneapolis, 1916....	130,404,830	7,536,220	42,525,860	7,297,320	37,588,460	225,352,690
Galveston, 1916....	24,076,000	1,038,000			48,113	25,162,113
New Orleans, 1916....	23,724,000	6,792,000	3,397,000		954,000	34,867,000
Portland, Ore., 1916.	6,873,997	178,620	3,139,000	44,800	798,094	11,025,511
San Francisco, 1916.	3,351,223	330,213	2,162,650	32,698	8,408,336	14,285,115
Winnipeg, 1916.....	235,203,800		103,725,450	183,000	11,188,300	350,300,550

RECEIPTS OF GRAIN AT VARIOUS CITIES IN THE YEAR 1917.

Cities.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.	Total, Bushels.
Chicago, 1917.....	31,751,000	70,854,000	125,910,000	4,541,000	22,348,000	356,404,000
Detroit, 1917.....	2,484,000	2,175,000	3,626,000	460,000		9,285,000
Buffalo, 1917.....	97,898,000	12,158,000	48,362,000	3,570,000	11,896,000	163,884,000
Montreal, Can., 1917.	33,662,446	850,101	13,674,161	216,612	2,815,818	51,219,141
Omaha, 1917.....	31,714,600	29,882,600	20,280,500	875,200	1,711,400	66,460,300
Peoria, 1917.....	2,792,200	29,266,890	16,986,450	228,800	3,297,200	52,563,540
Kansas City, 1917....	36,954,000	14,017,500	14,917,000	442,200	7,110,000	72,441,600
St. Louis, 1917.....	30,359,894	22,249,732	30,842,635	460,432	1,726,644	85,539,337
Cincinnati, 1917.....	7,517,958	8,939,172	7,073,714	750,664	1,033,828	25,315,336
Toledo, 1917.....	5,443,200	2,227,800	3,720,600	124,100	14,800	11,530,500
Cleveland, 1917.....	2,088,076	2,014,052	4,562,115	267,978	5,064	8,906,285
Boston, 1917.....	7,815,893	805,526	9,570,000	265,880	60,377	18,517,684
New York, 1917.....	78,217,300	13,768,700	38,406,000	3,441,500	11,543,000	145,376,500
Philadelphia, 1917....	31,285,652	4,034,394	18,974,789	1,205,913	151,477	45,652,225
Baltimore, 1917.....	25,373,787	19,191,062	22,670,743	9,073,836	1,586,769	77,896,197
Milwaukee, 1917.....	7,766,447	11,121,900	29,341,010	2,500,165	16,724,120	67,363,642
Duluth, 1917.....	30,576,769	31,938	5,184,253	8,509,739	8,559,418	48,153,117
Minneapolis, 1917....	101,021,250	8,065,390	29,382,000	9,212,550	27,791,110	175,472,190
Galveston, 1917.....	14,060,965	556,899	929,350	150,000	865,103	16,562,317
New Orleans, 1917....	17,005,657	3,764,847	9,247,100	281,442	8,869,893	39,168,939
Port Arthur, Can., 1917.	160,961,158		47,761,375	159,647	6,760,000	205,742,180
Winnipeg, 1917.....	188,299,650		66,311,700	324,000	7,016,100	261,951,450

RECEIPTS OF GRAIN AT VARIOUS CITIES IN THE YEAR 1918.

Cities.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.	Total, Bushels.
Chicago, 1918.....	69,610,000	100,409,000	137,072,000	4,480,000	18,534,000	330,105,000
Detroit, 1918.....	1,634,000	4,450,500	3,881,000	635,000	42,000	10,642,500
Buffalo, 1918.....	101,897,360	2,027,020	13,514,256	7,992,097	3,244,636	128,706,269
Montreal, 1918.....	36,359,093	280,968	42,825,432	428,767	5,010,525	83,904,785
Omaha, 1918.....	18,040,600	45,688,200	23,572,000	1,500,000	2,663,000	91,463,800
Peoria, 1918.....	3,520,700	37,584,660	15,231,100	382,800	1,060,900	57,780,160
Kansas City, 1918....	56,448,150	20,302,500	15,548,200	463,300	1,566,000	98,330,150
St. Louis, 1918.....	37,731,818	25,707,161	32,884,465	148,333	905,883	97,647,660
Cincinnati, 1918.....	3,887,200	2,304,500	3,537,600	299,200		10,028,500
Toledo, 1918.....	5,513,707	2,544,650	8,880,350	405,100	980,200	18,324,007
Cleveland, 1918.....	1,886,954	2,234,742	6,082,333	60,990	67,200	10,332,219
Boston, 1918.....	5,599,511	490,250	8,550,692	209,088	452,745	15,302,286
New York, 1918.....	34,086,272	7,726,900	27,229,800	3,790,650	5,684,575	78,518,197
Philadelphia, 1918....	20,920,536	3,012,593	14,050,358	1,337,242	444,366	39,765,095
Baltimore, 1918.....	20,611,023	4,314,090	14,262,561	2,881,807	192,637	42,262,118
Milwaukee, 1918....	13,049,429	11,803,920	39,266,245	2,667,785	10,117,640	76,905,019
Duluth, 1918.....	78,842,730	189,932	2,507,492	8,274,797	4,828,278	94,643,229
Minneapolis, 1918....	111,885,020	16,527,430	44,065,160	13,283,000	32,715,370	218,425,980
Galveston, 1918.....	4,334,613	3,775,024		242,979	2,417,793	10,770,409
New Orleans, 1918....	14,145,000	13,497,000	19,071,000	232,000	6,589,000	53,537,009
Port Arthur, Can., 1918.	112,782,282		19,857,405	624,572	6,797,999	139,962,258
Winnipeg, 1918.....	126,042,525		46,774,050	980,000	9,730,500	177,527,675

THE SIZE OF AMERICAN FARMS.

The following tabulated statement is an exhibit of the different sized farms in the United States, showing the number in each state in each class. On page 4 will be found a memorandum of the total number of each size in the United States:

States.	Farms less than 3 Acres.	Farms 3 to 9 Acres.	Farms 10 to 19 Acres.	Farms 20 to 49 Acres.	Farms 50 to 99 Acres.	Farms 100 to 174 Acres.	Farms 175 to 250 Acres.	Farms 260 to 499 Acres.	Farms 500 to 999 Acres.	Farms ex- ceeding 1,000 Acres.
ALA.	130	13,613	28,115	106,841	55,448	35,563	11,932	8,161	2,276	822
ARIZ.	1,595	912	839	1,447	820	2,591	263	494	164	72
ARK.	114	6,270	29,875	74,983	45,373	39,353	11,135	6,014	1,163	398
CALIF.	1,269	9,324	11,932	20,614	10,680	12,015	4,689	7,862	5,119	4,693
COLO.	569	2,222	2,279	3,882	4,384	16,355	3,004	9,472	2,426	1,577
CONN.	223	2,693	3,119	6,306	6,634	4,999	1,702	911	188	40
DEL.	32	672	831	1,988	2,977	2,849	994	435	52	6
D. C.				217						
FLA.	307	3,758	5,019	17,169	9,999	8,178	2,589	1,956	670	371
GA.	98	8,602	20,929	117,432	68,510	42,275	16,436	11,274	3,950	1,521
IDAHO.	189	875	941	4,048	5,820	11,891	2,519	3,347	921	256
ILL.	845	9,191	10,258	33,322	57,917	80,539	38,315	19,440	1,842	203
IND.	441	11,508	11,695	40,161	67,221	57,261	18,081	8,026	949	142
IOWA.	392	7,295	6,037	15,687	38,712	80,121	40,304	25,861	2,430	214
KAN.	315	4,221	3,601	10,738	26,151	57,789	26,590	34,696	10,475	3,860
KY.	352	21,777	33,380	58,737	65,778	50,334	17,315	9,322	2,181	444
LA.	344	5,671	22,241	46,389	20,248	13,681	4,445	3,761	1,548	1,013
MAINE.	118	3,456	3,539	9,492	17,895	16,633	5,653	2,640	461	129
MD.	148	4,977	5,107	8,629	9,946	11,457	5,043	3,027	506	83
MASS.	833	4,817	4,956	8,890	7,981	5,703	2,147	1,178	319	93
MICH.	387	6,679	7,719	49,890	73,748	50,622	12,426	4,717	607	165
MINN.	294	2,555	2,770	12,028	26,571	55,424	27,972	24,864	3,359	300
MISS.	240	11,132	55,571	112,666	44,645	30,172	10,132	6,983	2,061	780
MO.	455	8,561	10,740	47,398	74,178	80,020	32,109	19,812	3,427	544
MONT.	274	229	252	956	1,260	10,552	1,566	6,773	2,353	1,999
NEB.	129	2,998	1,931	4,558	12,618	43,916	20,743	26,490	13,128	3,867
NEV.	87	79	105	320	411	555	174	366	248	344
N. H.	92	2,357	2,146	4,509	6,248	6,247	2,964	1,810	513	167
N. J.	541	3,256	4,276	7,607	8,194	7,207	1,659	576	112	59
N. MEX.	988	3,212	2,685	2,812	1,820	15,363	1,353	6,035	836	572
N. Y.	1,424	17,231	15,533	31,047	56,821	61,031	21,901	9,262	1,104	243
N. C.	116	14,868	28,240	75,629	62,157	43,987	15,629	9,625	2,668	805
N. DAK.	54	82	98	450	1,207	23,003	5,345	29,048	12,662	2,416
OHIO.	749	19,448	18,716	50,331	88,047	68,746	18,211	6,902	753	112
OKLA.	104	1,975	5,059	31,489	39,002	75,186	16,078	17,734	2,688	857
OREGON.	244	2,639	3,147	6,888	6,800	12,009	3,680	5,663	2,716	1,716
PA.	972	19,130	18,556	39,721	65,687	55,518	14,096	4,861	632	167
R. I.	145	585	647	1,144	1,264	945	312	175	51	24
S. C.	53	14,218	23,714	70,582	33,147	19,427	7,164	5,375	1,942	812
S. DAK.	99	341	368	1,121	2,406	28,396	8,230	24,811	9,698	2,174
TENN.	143	14,713	32,485	72,212	60,105	41,545	14,149	8,301	1,878	481
TEXAS.	411	9,069	19,891	98,583	112,237	94,574	31,864	27,185	12,833	11,123
UTAH.	297	1,836	2,541	5,550	4,170	3,660	1,372	1,309	551	390
VT.	60	2,581	1,937	3,481	5,910	9,492	5,194	3,322	607	125
VA.	227	17,464	22,055	42,390	38,342	32,997	14,963	11,138	3,450	992
WASH.	563	4,593	5,373	10,252	7,105	13,884	3,089	6,126	3,481	1,726
W. VA.	117	7,419	7,863	20,323	26,806	20,156	7,481	4,767	1,316	437
WIS.	273	5,491	4,883	23,460	54,007	58,439	20,196	9,274	966	141
WYO.	284	83	53	338	645	3,816	785	2,846	984	1,155

COMPARATIVE GRAIN CROPS OF UNITED STATES FOR A SERIES OF YEARS.

Crop.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.
1887	456,329,000	1,456,161,000	659,618,000	20,691,000	56,812,000
1888	414,868,000	1,987,790,000	701,735,000	28,415,000	63,884,000
1889	490,500,000	2,112,892,000	751,515,000	28,500,000	66,000,000
1890	399,262,000	2,439,970,000	522,621,000	29,000,000	58,800,000
1891	611,750,000	2,060,154,000	738,394,000	36,000,000	77,400,000
1892	515,949,000	1,628,464,000	661,035,000	36,000,000	76,460,000
1893	396,131,725	1,419,496,131	638,854,850	26,555,446	69,869,495
1894	460,267,416	1,212,770,052	662,036,928	26,377,615	61,400,465
1895	467,102,947	1,151,138,580	824,443,537	27,210,077	87,072,744
1896	427,684,346	2,283,875,165	707,346,404	24,369,047	69,695,223
1897	530,149,168	1,902,967,933	698,767,809	7,363,324	66,685,127
1898	675,148,705	1,924,184,660	730,906,643	25,657,522	55,792,257
1899	547,303,846	1,078,143,933	796,177,713	23,961,741	73,381,563
1900	522,229,505	2,105,102,516	809,125,989	23,995,927	58,925,833
1901	748,460,218	1,522,519,891	736,808,724	30,344,830	109,932,924
1902	760,063,008	2,223,648,812	987,842,712	33,630,592	134,954,023
1903	637,821,835	2,544,176,925	784,094,199	29,363,416	131,861,391
1904	552,399,517	2,467,480,934	894,595,552	27,234,565	139,748,858
1905	692,979,489	2,707,993,540	953,216,197	27,616,045	136,651,020
1906	735,260,970	2,927,416,091	964,904,523	33,374,833	178,916,484
1907	634,987,000	2,532,320,000	754,443,000	31,566,000	153,597,000
1908	664,692,000	2,668,651,000	807,156,000	31,851,000	166,756,000
1909	683,350,000	2,552,190,000	1,007,129,000	29,520,000	176,321,000
1910	635,121,000	2,886,260,000	1,186,341,000	34,897,000	173,832,000
1911	621,338,000	2,531,488,000	1,122,298,000	33,119,000	160,240,000
1912	730,267,000	3,124,746,000	1,418,337,000	35,664,000	223,824,000
1913	763,380,000	2,446,988,000	1,121,768,000	41,381,000	178,189,000
1914	891,017,000	2,672,804,000	1,141,060,000	42,779,000	194,953,000
1915	1,011,505,000	3,054,535,000	1,540,362,000	49,190,000	237,009,000
1916	639,886,000	2,583,241,000	1,251,992,000	47,383,000	150,927,000
1917	636,655,000	3,065,233,000	1,592,740,000	62,933,000	211,759,000
1918	917,100,000	2,582,814,000	1,538,359,000	89,103,000	256,375,000

FARM TENURE—WHITE AND COLORED.

In the United States at the last census 5,540,619 farms were in the hands of white farmers and 920,883 farms were in the hands of colored farmers. White owners cultivating their own farms were 3,707,501, and colored farmers cultivating their own farms were 241,221. White farm managers conducted 56,560 farms and 1,544 colored men managed other people's farms. There were 1,676,558 farms rented by white tenants and 678,118 farms rented by colored tenants.

WHITE FARMERS. COLORED FARMERS.

State.	Owners.	Mgrs.	Tenants.	Mgrs.	Owners.	Tenants.
ALA.	86,847	594	65,017	17,082	52	93,309
ARIZ.	5,054	152	818	3,149	1	43
ARK.	91,987	717	58,381	14,662	46	48,885
CALIF.	65,694	3,855	16,070	938	62	2,078
COLO.	36,527	786	8,283	4,666	1	107
CONN.	23,155	937	2,610	79	12	22
DEL.	5,772	107	4,035	406	16	500
D. C.	110	14	81	8	1	3
FLA.	28,101	1,174	6,020	7,298	101	7,322
GA.	82,930	1,296	84,212	15,698	123	106,738
IDAHO.	26,825	850	3,126	343	...	62
ILL.	144,318	2,338	103,761	789	18	618
IND.	148,029	2,282	61,369	472	15	318
IOWA.	132,867	1,924	82,052	136	2	63
KAS.	110,010	1,314	64,826	1,098	21	572
KY.	164,403	953	82,099	5,929	40	5,761
LA.	42,264	873	22,530	10,725	77	44,077
MAINE.	56,429	998	2,560	25	1	3
MD.	29,569	901	12,081	3,950	37	2,335
MASS.	31,966	1,359	2,968	100	4	11
MICH.	171,525	1,952	32,537	785	9	152
MINN.	211,910	1,220	32,714	194	2	97
MIS.	67,040	719	41,886	25,026	106	139,605
MO.	190,176	1,960	81,442	2,109	41	1,516
MONT.	22,198	502	2,318	1,167	3	26
NEB.	78,881	986	49,349	369	1	92
NEV.	2,023	180	325	152	1	8
N. H.	24,481	680	1,887	12	1	2
N. J.	23,868	1,033	8,110	265	27	184
N. M.	31,277	317	1,934	2,121	4	23
N. Y.	165,866	4,037	44,755	808	14	117
N. C.	123,877	1,041	65,148	21,443	74	44,139
N. D.	62,485	482	10,650	727	2	34
OHIO.	190,791	2,725	76,579	1,315	28	609
OKLA.	74,250	624	94,643	11,150	27	9,494
ORE.	37,318	839	6,718	478	8	141
PENN.	163,888	3,330	50,931	341	31	174
R. I.	4,058	251	942	29	...	12
S. C.	43,978	732	34,926	20,372	131	76,295
S. D.	55,248	422	19,166	2,736	7	65
TENN.	133,425	775	73,504	10,700	51	27,557
TEX.	174,631	2,751	170,970	21,232	81	48,605
UTAH.	19,546	193	1,661	216	1	59
VA.	101,436	1,445	33,023	32,228	180	15,706
VT.	28,048	635	4,006	17	1	2
WASH.	46,804	956	7,313	701	11	413
W. VA.	75,420	865	19,692	558	7	143
WIS.	150,473	1,447	24,616	549	4	38
WYO.	9,781	310	894	61	1	3

U. S.	3,707,501	1,676,558	1,544
U. S.	56,560	241,221	678,118

FOOD SUPPLIES OF COUNTRIES.

The following table gives estimated values of relative imports, exports and production of foodstuffs in the countries named (on the basis of 100 representing their consumption) prior to the outbreak of the war. It may surprise some persons to observe that before the war the United States imported more foodstuffs than she exported. The principal exports of foodstuffs from the United States are grain and meats, but these did not equal in value the imports of sugar and coffee. In addition to these much of our imports are tropical or subtropical fruits.

Index Numbers of Foodstuffs Imported, Exported, Produced and Consumed, Furnished by the United States Department of Agriculture.

Countries.	Con- sump- tion.	Im- ports.	Ex- ports.	Pro- duc- tion.
UNITED KINGDOM...	100	56.3	9.1	52.8
FRANCE.....	100	12.2	5.7	93.5
RUSSIA.....	100	2.8	12.4	109.6
BELGIUM.....	100	62.8	20.1	57.3
UNITED STATES.....	100	10.2	7.4	97.2
CANADA.....	100	12.5	35.3	122.3
ARGENTINA.....	100	5.3	53.3	148.0
GERMANY.....	100	20.8	8.4	87.6
AUSTRIA-HUNGARY..	100	7.8	6.2	98.4

IMPROVED AND UNIMPROVED LAND.

NOTE.—Farm land is divided by the Census Department into three classifications: 1. Improved land includes all land regularly tilled or mowed, land pastured and cropped in rotation, land lying fallow, land in gardens, orchards, vineyards and nurseries and land occupied by farm buildings. 2. Woodland includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products. 3. Unimproved land includes brush land, rough or stony land, swamp land and any other land which is not inclosed or is in forests.

State.	Acreage in Farms.	Acreage im- proved.	Acreage in Timber.	Acreage in unim- proved.
ALA.	20,732,312	9,693,581	9,444,764	1,593,907
ARIZ.	1,246,613	350,173	100,061	796,379
CAL.	27,931,444	11,389,894	4,541,767	11,999,783
COL.	13,532,115	4,302,101	891,698	8,338,314
CON.	2,185,788	988,252	757,743	439,793
DEL.	1,038,866	713,538	252,034	73,296
D. C.	6,063	5,133	689	241
FLA.	5,253,538	1,805,108	3,007,638	440,492
GA.	26,953,413	12,298,017	13,002,741	1,652,655
IDA.	2,683,604	1,778,740	584,556	1,920,308
ILL.	32,252,937	28,048,323	3,147,879	1,326,735
IND.	21,999,823	16,931,252	3,370,791	997,780
IA.	33,930,683	29,491,199	2,314,115	2,125,374
KAS.	43,384,799	29,904,067	1,205,910	12,274,822
KY.	22,189,127	14,534,471	6,951,626	883,030
LA.	10,439,481	5,276,016	4,316,561	846,904
ME.	6,296,859	2,360,657	2,775,631	1,160,581
MD.	5,057,140	3,254,701	1,467,333	235,400
MA.	2,875,941	1,161,501	1,064,583	64,837
MICH.	18,940,614	12,632,073	2,927,554	3,180,982
MIN.	27,675,823	19,643,533	3,922,391	4,109,899
MIS.	18,557,533	9,008,310	7,883,558	1,665,665
MO.	34,691,248	24,581,186	8,918,972	1,091,090
MON.	13,545,603	3,640,399	595,870	9,309,424
NEB.	38,622,021	24,382,577	803,206	13,436,238
NEV.	2,714,757	752,117	49,209	1,914,431
N. H.	2,249,458	929,185	1,502,389	871,884
N. J.	2,573,857	1,803,336	538,131	232,390
N. M.	11,270,021	1,467,191	5,191,025	831,805
N. Y.	22,030,367	14,844,039	4,436,145	2,750,183
N. C.	22,439,129	8,813,056	12,451,739	1,174,334
N. D.	2,426,650	20,455,092	421,877	754,681
O.	24,105,708	19,227,969	3,285,767	1,592,363
OKL.	38,859,353	17,551,337	3,568,910	9,739,106
ORE.	11,685,110	4,274,803	2,237,826	5,172,481
PA.	18,586,832	12,673,519	4,289,439	1,631,874
R. I.	443,308	178,344	185,909	79,055
S. C.	13,512,028	6,097,999	6,339,142	1,074,887
S. D.	26,910,892	15,287,208	3,883,144	9,806,540
TEN.	20,401,657	10,890,484	8,007,733	1,143,440
TX.	112,435,067	27,360,666	27,668,413	57,415,988
UTAH.	3,977,099	1,368,211	145,510	1,883,973
VT.	4,663,577	1,633,965	1,566,608	1,432,914
VA.	19,955,636	9,840,058	8,114,682	1,210,898
WASH.	712,235	6,373,311	1,541,551	3,797,373
W. VA.	10,226,442	5,521,757	3,968,836	535,819
WIS.	21,060,066	11,907,606	5,377,580	3,774,880
WYO.	8,543,010	1,256,160	252,152	7,034,693

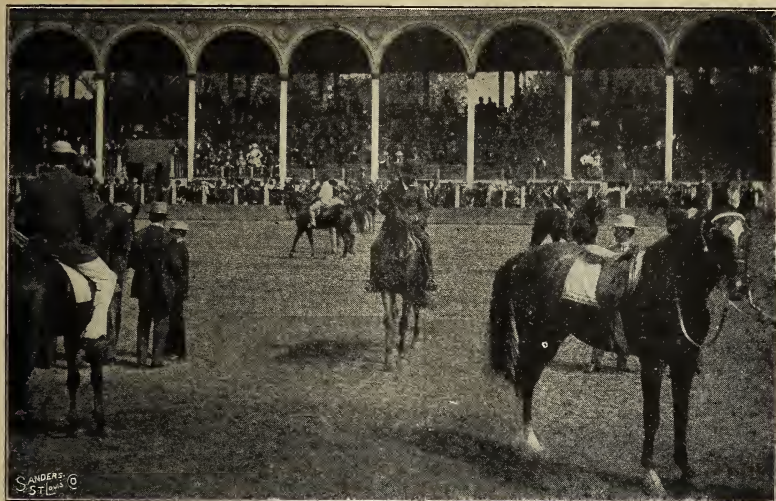
878,798,323	190,865,553
478,451,750	209,481,022

MERCHANTABLE CORN CROP.

The total corn crop and the portion estimated to be of merchantable quality, by years, is given below:

1902.....	2,523,648,000	76.2	1,293,292,000
1903.....	2,244,177,000	76.0	1,706,006,000
1904.....	2,467,481,000	84.8	2,091,195,000
1905.....	2,707,994,000	88.4	2,394,462,000
1906.....	2,927,416,000	89.1	2,609,060,000
1907.....	2,592,320,000	77.7	2,013,208,000
1908.....	2,668,651,000	88.2	2,353,370,000
1909.....	2,552,190,000	82.5	2,104,775,000
1910.....	2,886,260,000	86.4	2,492,763,000
1911.....	2,531,488,000	80.1	2,027,922,000
1912.....	3,124,746,000	85.0	2,654,907,000
1913.....	2,446,988,000	80.1	1,961,058,000
1914.....	2,094,793,000	71.1	2,127,965,000
1915.....	2,566,927,000	83.9	2,154,487,000
1917.....	3,065,233,000	60.0	1,837,728,000
1918.....	2,582,814,000	82.5	2,129,764,000

On May 1st, 1803, the first American patent for a machine for cutting grain was issued to Richard French and J. T. Hawkins, of New Jersey. This machine was propelled on three wheels, one of which extended into the grain.



THE GREAT ST. LOUIS FAIR. PICTURE TAKEN IN THE COLISEUM DURING THE JUDGING OF SADDLE HORSES IN 1895. THE GREATEST SADDLE CONTESTS EVER EXHIBITED. PHOTOGRAPHED SPECIALLY AT THE TIME FOR THE PICTURE GALLERY OF AGRICULTURAL STATISTICS.

FARM PUBLICATIONS.

Statement of Circulations, Advertising Rates and General Information—
Monthly Editions Only—Others to Follow.

To place in the hands of the patrons of AGRICULTURAL STATISTICS information in regard to farm publications we have commenced with monthly editions only. The semi (twice-a-month) monthly publications will come next and the weekly editions will follow. In the general farm monthlies of national prominence we have given the circulation by states alphabetically, with a total at the bottom. There is another arrangement by geographical divisions, with the total in each division. We have also consolidated the circulations of eleven first-class publications. A map accompanies, showing the geographical divisions.



GEOGRAPHICAL ARRANGEMENT.

Monthly Farm Papers.

This short list and the pages following include practically all the monthly farm publications of national or special importance. It may be that some are omitted, and, if so, a revised edition will soon be issued. Errors will creep in the first time that can be avoided in later editions.

AGRICULTURAL DIGEST,

New York.

Published monthly. \$1.50 per year. Circulation, 27,000. Advertising, 29 cents per agate line. Forms close 1st of month.

AMERICAN BEE JOURNAL,

Hamilton, Ill.

Published monthly. Sub., \$1.00 a year. Circulation, 8,928 net paid; total circulation, 12,000. Advertising rate, 15 cents per line. Forms close 20th of month.

AMERICAN SHEEP BREEDER,

Chicago, Ill.

Published monthly. Sub., \$1.25 per year. Circulation, 15,000. National with sheep raisers exclusively. Advertising, 25 cents a line; live stock special rate. Closing date, 22d of previous month. Issued on the 1st of month.

AMERICAN SWINEHERD,

Chicago, Ill.

Published monthly. Sub., 50 cents per year. Circulation, 35,150. Advertising, 30 cents per line. Forms close 28th of previous month.

BETTER FRUIT,

Portland, Oregon.

Published monthly. Sub., \$1.00 a year. Circulation, 11,918. Advertising, 20 cents a line. Closing date, 15th of month previous.

PENNSYLVANIA GRANGE NEWS,

Chambersburg, Pa.

Published monthly. Sub., 50 cents per year. Circulation, 37,400. Advertising, 20 cents per line. Closing date, 20th of month previous.

RICE JOURNAL AND SOUTHERN FARMER,

Crowley, La.

Published monthly. Sub., 50 cents a year. Circulation, 5,600. Advertising, 12½ cents a line. Closing date, 20th of month previous.

FRUITMAN AND GARDENER,

Mt. Morris, Ill.

Published monthly. Sub., \$1.50 per year. Circulation, 38,000. Advertising, 20 cents per line. Closing date, 15th of month previous.

SOUTHERN PLANTER,

Richmond, Va.

Published monthly. Sub., 25 cents a year. Circulation, 71,724. Advertising, 35 cents per line. Closing date, 18th of month previous.

SWINE WORLD,

Chicago, Ill.

Published monthly. Sub., 50 cents a year. Circulation, 36,701. Advertising, 30 cents a line. Closing date, 25th of the month.

CAMPBELL'S SCIENTIFIC FARMER

Billings, Mont.

Published monthly. Sub., \$1.00 a year. Circulation, 18,000. Advertising rate, 20 cents per line. Closing date, 25th of month previous.

CHESTER WHITE JOURNAL,

Rochester, Ind.

Published monthly. Sub., \$1.00 a year. Circulation, 6,500. Advertising rate, 15 cents per line. Closing date, 20th of month previous.

CORN BELT FARMER,

Des Moines, Iowa.

Published monthly. Sub., 50 cents. Circulation, 135,000, including Iowa 65,000 and Nebraska 33,000. Advertising, 75 cents per line. Classified, 10 cents word. Full page, \$570; colors extra. Minimum space, 7 lines. Width of column, 2¼ in.; length, 13.9 in. Page of columns, 760 lines. Forms close 5th of month previous.

FARM HOME,

Springfield, Ill.

Published monthly. Sub., 50 cents a year. Circulation, 89,393. Advertising, 30 cents per line. Closing date, 25th of month previous.

FIELD, ILLUSTRATED,

New York.

Published monthly. Sub., \$3.00 a year. Circulation, 14,817. Advertising rate, 36 cents per line. Closing date, 10th of month previous.

FRUIT BELT,

Grand Rapids, Mich.

Published monthly. Sub., 50 cents per year. Advertising, 25 cents per line. Closing date, 25th of month previous.

RURAL LIFE,

Rochester, N. Y.

Published monthly. Sub., 50 cents a year. Circulation, 60,000. Advertising, 25 cents per line, net. Closing date, 20th of month previous.

GARDEN MAGAZINE,

Garden City, L. I.

Published monthly. Sub., \$2.00

a year. Circulation, 25,000. Advertising, 50 cents per line. Forms close 12th of month previous.

GLEANINGS IN BEE CULTURE,
Medina, Ohio.

Published monthly. Sub., \$1.00 a year. Circulation, 18,000. Advertising, 15 cents per line. Closing date, 15th of month previous.

GULF STATES FARMER,
New Orleans, La.

Published monthly. Sub., 50 cents. Circulation, 27,532. Advertising, 12 cents per line. Closing date, 28th of month previous.

INTERSTATE FARMER,
Muskogee, Okla.

Published monthly. Sub., 50 cents a year. Circulation, 49,783. Advertising, 20 cents per line. Closing date, 25th of month previous.

NATIONAL ALFALFA JOURNAL,
Chicago, Ill.

Published monthly. Sub., 50 cents per year. Circulation, 100,000 copies. Advertising, 50 cents per line. Closing date, 10th of month previous.

NATIONAL GRANGE MONTHLY,
Springfield, Mass.

Published monthly. Sub., 25 cents a year. Circulation, 25,000. Advertising rate, 15 cents per line. Closing date, 5th of month previous.

NORTH DAKOTA FARMER,
Lisbon, N. D.

Published monthly. Sub., 50 cents a year. Circulation, 9,066. Advertising, 6 cents per line. Closing date, 5th of month previous.

NORTHWEST HORTICULTURIST,
Tacoma, Wash.

Published monthly. Sub., 50 cents a year. Circulation, 12,800. Advertising, 9 cents per line. Closing date, 5th of month previous.

ORCHARD AND FARM,
Los Angeles, Calif.

Published monthly. Sub., 50 cents a year. Circulation, 44,791. Advertising, 28 cents per line. Closing date, 21st of month previous.

OTTWELL'S FARMER'S BOY,
Carlinville, Ill.

Published monthly. Sub., 50 cents per year. Circulation, 35,000. Advertising, 10 cents per line. Closing date, 12th of month previous.

OZARK COUNTRYMAN,
Springfield, Mo.

Published monthly. Sub., 50 cents per year. Circulation, 20,000. Ad-

vertising, 10 cents per line. Closing date, 5th of month previous.

SOUTHERN FRUIT GROWER,
Chattanooga, Tenn.

Published monthly. Sub., 50 cents a year. Circulation, 20,000. Advertising, 15 cents per line. Forms close 20th of month previous.

WESTERN EMPIRE,
Los Angeles, Calif.

Published monthly. Sub., 50 cents a year. Circulation, 36,685. Advertising, 15 cents a line. Closing date, 20th of month previous.

WYOMING STOCKMAN - FARMER,
Cheyenne, Wyo.

Published monthly. Sub., 50 cents a year. Circulation, 32,000. Advertising, 15 cents a line. Closing date, 5th of month previous.

(Continued on Next Page.)

A Word For the Monthly.

The monthly farm paper is an important factor in advertising to reach farmers. Many of the most successful advertising campaigns were conducted with very much less circulations than are furnished by the monthly farm publications of the present day. Another word on another subject: Reaching a selection of rich farmers, one here and the other ten miles away, is good for special interests, but to reach all classes and conditions of farmers is another proposition. Eleven publications issued monthly circulating on five and a half million farms can be used twelve times a year without breaking any banks and without being obliged to appropriate hundreds of thousands of dollars to do the work. For economical, effective advertising the monthly publications have many favorable records.

LATEST CROP ESTIMATES.

(Dated July 1, 1919.)

Corn.....	Bushels.	2,815,430,000
Winter Wheat	do.	838,582,000
Spring Wheat.	do.	322,096,000
All Wheat....	do.	1,160,678,000
Oats.....	do.	1,403,128,000
Barley.....	do.	230,900,000
Rye.....	do.	102,689,000
Potatoes.....	do.	390,748,000
Sweet Potatoes.	do.	101,942,000
Flaxseed....	do.	13,232,000
Rice.....	do.	42,487,000
Tobacco.....	Pounds.	1,453,102,000
Hay (All).....	Tons.	115,701,000
Cotton.....	Bales.	10,986,000
Apples.....	Bushels.	155,608,000
Peaches.....	do.	50,001,000
Pears.....	do.	12,068,000
Beans (6 States)	do.	12,302,000
Kafirs, (6 States)	do.	123,504,000
Peanuts.....	do.	55,531,000

AMERICAN FARMING,

Chicago, Ill.

Issued monthly. Sub., 25 cents. Advertising, \$1.25 per agate line. Inside page, \$825; outside cover, \$875.00. Cash discount, 2 per cent. Classified, none. Reading notices, 50 per cent. extra. Column width, 2 1/4 in.; length of column, 12 1/2 in.; 700 agate lines to page. Closing date, 20th of preceding month. See Rate Card. Publication, 1st of month.

Alphabetical. State.	Sectional. State.	
ALA.... 1,332	CONN.... 1,416	
ARIZ.... 102	MAINE... 642	
ARK.... 6,772	MASS.... 1,561	
CALIF.... 725	N. H.... 1,139	
COLO.... 1,289	R. I.... 340	
CONN.... 1,416	VT.... 1,063	
DEL.... 126	N. ENG... 6,161	
D. C.... 45	DEL.... 126	
FLA.... 3,448	D. C.... 45	
GA.... 2,401	MD.... 786	
IDAHO... 688	N. J.... 1,414	
ILL.... 13,164	N. Y.... 9,812	
IND.... 8,030	PENN.... 12,536	
IOWA... 7,243	N. ATL... 24,719	
KAS.... 4,860	FLA.... 3,448	
KY.... 2,752	GA.... 2,401	
LA.... 2,094	N. C.... 4,439	
MAINE... 642	S. C.... 1,198	
MD.... 786	VA.... 2,387	
MASS.... 1,561	W. VA... 3,704	
MICH.... 9,313	S. ATL... 17,577	
MINN.... 8,577	MICH.... 9,313	
MISS.... 787	MINN.... 8,577	
MO.... 4,218	N. D.... 5,128	
MONT... 1,396	S. D.... 4,136	
NEB.... 14,065	WIS.... 4,949	
NEV.... 256	N. CENT. 32,103	
N. H.... 1,139	ILL.... 13,164	
N. J.... 1,414	IND.... 8,030	
N. M.... 224	IOWA... 7,243	
N. Y.... 9,812	KAS.... 4,860	
N. C.... 4,439	KY.... 2,752	
N. D.... 5,128	MO.... 4,218	
OHIO... 20,852	NEB.... 14,065	
OKLA... 7,956	OHIO... 20,852	
OREGON. 526	TENN.... 2,053	
PENN.... 12,536	MID.... 77,237	
R. I.... 340	ALA.... 1,332	
S. C.... 1,198	ARK.... 6,772	
S. D.... 4,136	LA.... 2,094	
TENN.... 2,053	MISS.... 787	
TEXAS... 16,306	OKLA... 7,956	
UTAH... 664	TEXAS... 16,306	
VT.... 1,063	S. CENT. 35,247	
VA.... 2,387	IDAHO... 688	
WASH... 1,179	MONT... 1,396	
W. VA... 3,704	OREGON. 526	
WIS.... 4,949	WASH... 1,179	
WYO.... 498	WYO.... 498	
ALASKA.....	N. W.... 4,287	
CANADA... 30	ARIZ.... 102	
MISC.... 3	CALIF.... 725	
PAID.... 200,624	COLO.... 1,289	
FREE.... 6,184	NEV.... 256	
.....	N. M.... 224	
.....	UTAH... 664	
TOTAL... 206,808	S. W.... 3,260	

AMERICAN FRUIT GROWER,

Chicago, Ill.

Issued monthly. Sub., 50 cents a year. Advertising, \$1.25 per agate line. Inside page, \$875.00; back cover, two colors, \$1,000. Classified in agate, 15 cents word. Column width, 2 1/4 in.; column length, 12 1/2 in.; lines to page, 700. Four columns to page. Closing dates—Close 20th; covers, 10th month preceding. Publication date, 1st of month.

Alphabetical. State.	Sectional. State.	
ALA.... 558	CONN.... 2,428	
ARIZ.... 370	MAINE... 2,323	
ARK.... 4,223	MASS.... 5,792	
CALIF.... 2,730	N. H.... 1,677	
COLO.... 3,034	R. I.... 651	
CONN.... 2,428	VT.... 1,529	
DEL.... 297	N. ENG... 14,405	
D. C.... 291	DEL.... 297	
FLA.... 549	D. C.... 291	
GA.... 1,085	MD.... 1,549	
IDAHO... 1,389	N. J.... 3,831	
ILL.... 13,610	N. Y.... 15,486	
IND.... 10,378	PENN.... 11,440	
IOWA... 6,149	N. ATL... 32,894	
KAS.... 8,940	FLA.... 549	
KY.... 3,575	GA.... 1,085	
LA.... 461	N. C.... 1,490	
MAINE... 2,328	S. C.... 355	
MD.... 1,549	VA.... 3,659	
MASS.... 5,792	W. VA... 2,567	
MICH.... 11,092	S. ATL... 9,705	
MINN.... 4,891	MICH.... 11,092	
MISS.... 750	MINN.... 4,891	
MO.... 5,958	N. D.... 876	
MONT... 1,415	S. D.... 866	
NEB.... 3,616	WIS.... 3,411	
NEV.... 213	N. CENT. 21,136	
N. H.... 1,677	ILL.... 13,610	
N. J.... 3,831	IND.... 10,378	
N. M.... 819	IOWA... 6,149	
N. Y.... 15,486	KAS.... 8,940	
N. C.... 1,490	KY.... 3,575	
N. D.... 876	MO.... 5,958	
OHIO... 12,011	NEB.... 3,616	
OKLA... 4,710	OHIO... 12,011	
OREGON. 2,229	TENN.... 2,518	
PENN.... 11,440	MID.... 66,755	
R. I.... 651	ALA.... 558	
S. C.... 355	ARK.... 4,223	
S. D.... 866	LA.... 461	
TENN.... 2,518	MISS.... 750	
TEXAS... 2,980	OKLA... 4,710	
UTAH... 591	TEXAS... 2,980	
VT.... 1,529	S. CENT. 13,682	
VA.... 3,659	IDAHO... 1,389	
WASH... 3,281	MONT... 1,415	
W. VA... 2,567	OREGON. 2,229	
WIS.... 3,411	WASH... 3,281	
WYO.... 444	WYO.... 444	
ALASKA.....	N. W.... 8,758	
CANADA.....	ARIZ.... 370	
MISC.... 87	CALIF... 2,730	
PAID.... 175,179	COLO.... 3,034	
FREE.... 4,125	NEV.... 213	
.....	N. M.... 819	
.....	UTAH... 591	
TOTAL... 179,304	S. W.... 7,757	

BETTER FARMING,
Chicago, Ill.

Issued monthly. Sub., 25 cents a year. Advertising, \$1.50 per agate line. Inside page, \$1,000; cover page, \$1,050; colors, 10 per cent. extra. Classified, 20 cents a word. Cash discount, 2 per cent. Column width, 2 1/4 in.; length, 12 3/4 in.; 728 agate lines to page. Forms close 20th of preceding month. Issued 1st of month.

Alphabetical.	Sectional.
State.	State.
ALA..... 7,411	CONN..... 596
ARIZ..... 203	MAINE... 779
ARK..... 9,109	MASS.... 1,179
CALIF... 1,682	N. H.... 245
COLO.... 2,092	R. I..... 233
CONN.... 596	VT..... 653
DEL..... 394	N. ENG... 3,685
D. C..... 76	DEL..... 394
FLA..... 1,692	D. C..... 76
GA..... 11,292	MD..... 1,498
IDAHO... 1,173	N. J..... 2,242
ILL..... 22,856	N. Y..... 12,465
IND..... 16,147	PENN.... 18,815
IOWA... 11,140	N. ATL... 35,490
KAS..... 9,287	FLA..... 1,692
KY..... 3,793	GA..... 11,292
LA..... 1,868	N. C..... 6,984
MAINE... 779	S. C..... 4,584
MD..... 1,498	VA..... 4,003
MASS.... 1,179	W. VA... 4,190
MICH... 14,482	S. ATL... 32,745
MINN... 12,419	MICH... 14,482
MISS.... 3,606	MINN... 12,419
MO..... 10,574	N. D..... 4,536
MONT... 2,363	S. D..... 5,764
NEB.... 9,335	WIS.... 7,938
NEV.... 370	N. CENT. 45,139
N. H.... 245	ILL..... 22,856
N. J.... 2,242	IND..... 16,147
N. M.... 580	IOWA... 11,140
N. Y.... 12,465	KAS..... 9,287
N. C.... 6,984	KY..... 3,793
N. D.... 4,536	MO..... 10,574
OHIO... 16,734	NEB.... 9,335
OKLA... 12,847	OHIO... 16,734
OREGON. 1,652	TENN.... 4,932
PENN.... 18,815	MID.... 104,798
R. I.... 233	ALA..... 7,411
S. C.... 4,584	ARK..... 9,109
S. D.... 5,764	IA..... 1,868
TENN.... 4,932	MISS.... 3,606
TEXAS... 29,475	OKLA... 12,847
UTAH... 1,585	TEXAS... 29,475
VT..... 653	S. CENT. 64,316
VA..... 4,003	IDAHO... 1,173
WASH... 2,989	MONT... 2,363
W. VA... 4,190	OREGON. 1,652
WIS.... 7,938	WASH... 2,989
WYO.... 402	WYO.... 402
ALASKA.....	N. W.... 8,579
CANADA.....	ARIZ.... 203
MISC.... 307	CALIF... 1,682
TOTAL...301,571	COLO.... 2,092
FREE.....	NEV.... 370
FOREIGN.....	N. M.... 580
	UTAH... 11,585
	S. W..... 16,512

CAPPER'S FARMER,
Topeka, Kansas.

Issued monthly. Sub., 25 cents a year. Advertising, \$1.50 per agate line. Inside page, \$1,110.00; back cover page, \$1,225.00. Standard Rate Card. Reading notices, \$3.00 a line. Classified, 15 cents a word. Width of column (13 ems), 2 1-6 in.; length of column, 185 lines; size of page, 740 lines. Forms close second Thursday of preceding month. Issued 1st of month.

Alphabetical.	Sectional.
State.	State.
ALA..... 1,080	CONN.... 256
ARIZ.... 1,068	MAINE... 322
ARK..... 16,388	MASS.... 401
CALIF... 3,452	N. H.... 108
COLO.... 15,480	R. I..... 55
CONN.... 256	VT..... 236
DEL..... 62	N. ENG... 1,378
D. C.... 24	DEL..... 62
FLA.... 492	D. C.... 24
GA..... 1,181	MD..... 272
IDAHO... 2,348	N. J.... 319
ILL.... 27,803	N. Y.... 3,117
IND.... 14,718	PENN.... 4,846
IOWA... 18,223	N. ATL... 8,640
KAS.... 24,931	FLA..... 492
KY..... 3,064	GA..... 1,181
LA..... 2,360	N. C.... 3,326
MAINE... 322	S. C.... 961
MD..... 272	VA..... 1,666
MASS.... 401	W. VA... 2,236
MICH... 13,353	S. ATL... 9,865
MINN... 10,494	MICH... 13,353
MISS.... 1,082	MINN... 10,494
MO..... 20,076	N. D.... 4,804
MONT... 3,276	S. D.... 5,531
NEB.... 16,357	WIS.... 12,980
NEV.... 398	N. CENT. 47,162
N. H.... 108	ILL.... 27,803
N. J.... 319	IND.... 14,718
N. M.... 3,599	IOWA... 18,223
N. Y.... 3,117	KAS.... 24,931
N. C.... 3,326	KY..... 3,064
N. D.... 4,804	MO..... 20,076
OHIO... 12,833	NEB.... 16,357
OKLA... 26,636	OHIO... 12,833
OREGON. 2,827	TENN.... 3,252
PENN.... 4,846	MID.... 141,257
R. I.... 55	ALA..... 1,080
S. C.... 964	ARK.... 16,338
S. D.... 5,531	LA..... 2,360
TENN.... 3,252	MISS.... 1,082
TEXAS... 56,541	OKLA... 26,636
UTAH... 705	TEXAS... 56,541
VT..... 236	S. CENT. 104,087
VA..... 1,666	IDAHO... 2,348
WASH... 3,018	MONT... 3,276
W. VA... 2,236	OREGON. 2,827
WIS.... 12,980	WASH... 3,018
WYO.... 1,615	WYO.... 1,615
ALASKA. 47	N. W.... 13,084
CANADA. 54	ARIZ.... 1,068
MISC.... 1	CALIF... 3,452
NEW SUB.22,106	COLO.... 15,480
	NEV.... 398
	N. M.... 3,599
	UTAH... 705
TOTAL...372,216	S. W..... 24,702

THE FARM JOURNAL, Philadelphia, Pa.

Issued monthly. Sub., 25 cents a year. Advertising, \$5.00 per agate line. Inside page, \$2,250.00; colors extra. Standard rate card. No time or space discounts. Min. size of advts., 2 lines; classifications, none. Reading notices not accepted. Column width, 2½ in.; length, 10¾ in.; 150 lines agate; 3 columns to page. Closing dates, see Rate Card. Issued 1st of month.

Alphabetical.	Sectional.
ALA... 6,430	CONN... 15,362
ARIZ... 1,112	MAINE... 9,957
ARK... 6,293	MASS... 26,193
CALIF... 14,701	N. H... 5,932
COLO... 9,976	R. I... 3,463
CONN... 15,362	VT... 5,937
DEL... 5,273	N. ENG... 66,844
D. C... 1,506	DEL... 5,273
FLA... 3,506	D. C... 1,506
GA... 6,370	MD... 15,324
IDAHO... 4,380	N. J... 29,990
ILL... 51,582	N. Y... 72,791
IND... 39,325	PENN... 113,724
IOWA... 56,332	N. ATL... 238,608
KAS... 29,672	FLA... 3,506
KY... 11,186	GA... 6,370
LA... 3,525	N. C... 10,461
MAINE... 9,957	S. C... 3,712
MD... 15,324	VA... 17,654
MASS... 26,193	V. VA... 13,065
MICH... 72,907	S. ATL... 54,768
MINN... 30,004	MICH... 72,907
MISS... 3,518	MINN... 30,004
MO... 30,305	N. D... 11,617
MONT... 6,929	S. D... 13,810
NEB... 47,356	WIS... 34,912
NEV... 764	N. CENT... 163,250
N. H... 5,932	ILL... 51,582
N. J... 29,990	IND... 39,325
N. M... 1,768	IOWA... 56,332
N. Y... 72,791	KAS... 29,672
N. C... 10,461	KY... 11,186
N. D... 11,617	MO... 30,305
OHIO... 88,242	NEB... 47,356
OKLA... 13,603	OHIO... 88,242
OREGON... 8,229	TENN... 9,003
PENN... 113,724	MID... 363,003
R. I... 3,463	ALA... 6,430
S. C... 3,712	ARK... 6,293
S. D... 13,810	LA... 3,525
TENN... 9,003	MISS... 3,518
TEXAS... 18,606	OKLA... 13,603
UTAH... 2,686	TEXAS... 18,606
VT... 5,937	S. CENT... 51,975
VA... 17,654	IDAHO... 4,380
WASH... 12,139	MONT... 6,929
W. VA... 13,065	OREGON... 8,229
WIS... 34,912	WASH... 12,139
WYO... 2,523	WYO... 2,523
ALASKA... 1,172	N. W... 34,200
CANADA... 5,309	ARIZ... 1,112
MISC... 76	CALIF... 14,701
FOREIGN... 803	COLO... 9,976
TOTAL 1,011,803	NEV... 764
.....	N. M... 1,768
.....	UTAH... 2,686
TOTAL 1,011,803	S. W... 31,007

FARM AND FIRESIDE, Springfield, Ohio.

Issued monthly. Sub., 25 cents a year. Advertising, \$3.00 per agate line. Full page, \$2,160; colors and outside pages, see Rate Card. Cash discount, 2 per cent. Minimum advt., 3 lines. Column width, 2¾ in. Pages, four columns. Closing date, 5th of month previous. Cover pages close 25th of second month previous. Issued 5th of each month.

Alphabetical.	Sectional.
State.	State.
ALA... 7,379	CONN... 6,252
ARIZ... 939	MAINE... 2,897
ARK... 5,847	MASS... 19,350
CALIF... 8,814	N. H... 3,736
COLO... 4,689	R. I... 2,630
CONN... 6,252	VT... 3,456
DEL... 768	N. ENG... 38,321
D. C... 903	DEL... 768
FLA... 1,791	D. C... 903
GA... 9,315	MD... 7,792
IDAHO... 1,759	N. J... 8,524
ILL... 40,809	N. Y... 49,977
IND... 27,227	PENN... 76,035
IOWA... 16,683	N. ATL... 143,999
KAS... 12,287	FLA... 1,791
KY... 21,906	GA... 9,315
LA... 3,208	N. C... 12,135
MAINE... 2,897	S. C... 6,044
MD... 7,792	VA... 10,119
MASS... 19,350	W. VA... 17,076
MICH... 31,744	S. ATL... 56,481
MINN... 12,334	MICH... 31,744
MISS... 2,909	MINN... 12,334
MO... 21,923	N. D... 4,546
MONT... 3,341	S. D... 2,455
NEB... 8,457	WIS... 10,116
NEV... 229	N. CENT... 61,195
N. H... 3,736	ILL... 40,809
N. J... 8,524	IND... 27,227
N. M... 1,712	IOWA... 16,683
N. Y... 49,977	KAS... 12,287
N. C... 12,135	KY... 21,906
N. D... 4,546	MO... 21,923
OHIO... 72,377	NEB... 8,457
OKLA... 5,656	OHIO... 72,377
OREGON... 3,473	TENN... 9,487
PENN... 76,035	MID... 231,156
R. I... 2,630	ALA... 7,379
S. C... 6,044	ARK... 5,847
S. D... 2,455	LA... 3,208
TENN... 9,487	MISS... 2,909
TEXAS... 14,930	OKLA... 5,656
UTAH... 2,160	TEXAS... 14,930
VT... 3,456	S. CENT... 39,929
VA... 10,119	IDAHO... 1,759
WASH... 3,946	MONT... 3,341
W. VA... 17,076	OREGON... 3,473
WIS... 10,116	WASH... 3,946
WYO... 1,236	WYO... 1,236
ALASKA... 474	N. W... 13,755
CANADA... 474	ARIZ... 939
MISC... 18,024	CALIF... 8,814
PAID... 643,450	COLO... 4,689
FREE... 4,482	NEV... 229
FOREIGN... 126	N. M... 1,712
.....	UTAH... 2,160
TOTAL... 648,109	S. W... 18,543

**FARM AND HOME,
Springfield, Mass.**

Published in two sections—Eastern and Western. Subscription price, 25 cents a year. Advertising in complete edition, \$3.00 per line. Full page, \$2,316. Minimum advt., 3 lines. Classified, 20 cents a word. Reading notices not accepted. Column width (13 ems), 2 1-6 in. Four columns to page. Column depth, 193 agate lines. Closing dates, 10th month previous. Issued 1st of month.

Alphabetical.		Sectional.	
ALA.....	2,050	CONN.....	7,872
ARIZ.....	934	MAINE....	9,412
ARK.....	4,832	MASS.....	10,577
CALIF....	6,871	N. H.....	7,494
COLO.....	6,613	R. I.....	1,337
CONN.....	7,872	VT.....	9,131
DEL.....	1,791	N. ENG....	45,823
D. C.....	293	DEL.....	1,791
FLA.....	2,368	D. C.....	293
GA.....	3,697	MD.....	4,105
IDAHO....	3,008	N. J.....	15,453
ILL.....	35,438	N. Y.....	72,691
IND.....	20,759	PENN.....	43,803
IOWA....	31,261	N. ATL....	138,136
KAS.....	10,692	FLA.....	2,368
KY.....	6,507	GA.....	3,697
LA.....	1,150	N. C.....	5,268
MAINE....	9,412	S. C.....	2,109
MD.....	4,105	VA.....	8,882
MASS.....	10,577	W. VA....	7,419
MICH....	26,480	S. ATL....	29,743
MINN....	12,629	MICH....	26,480
MISS.....	1,911	MINN....	12,629
MO.....	16,440	N. D.....	4,590
MONT....	4,295	S. D.....	5,188
NEB.....	18,758	WIS.....	17,469
NEV.....	340	N. CENT..	66,356
N. H.....	7,494	ILL.....	35,438
N. J.....	15,453	IND.....	20,759
N. M.....	1,247	IOWA....	31,261
N. Y.....	72,691	KAS.....	10,692
N. C.....	5,268	KY.....	6,507
N. D.....	4,590	MO.....	16,440
OHIO....	58,637	NEB.....	18,758
OKLA....	6,442	OHIO....	58,637
OREGON..	4,441	TENN....	5,966
PENN....	43,803	MID.....	204,458
R. I.....	1,337	ALA.....	2,050
S. C.....	2,109	ARK.....	4,832
S. D.....	5,188	LA.....	1,150
TENN....	5,966	MISS....	1,911
TEXAS....	6,261	OKLA....	6,442
UTAH....	1,937	TEXAS....	6,216
VT.....	9,131	S. CENT..	22,646
VA.....	8,882	IDAHO....	3,008
WASH....	7,069	MONT....	4,295
W. VA....	7,419	OREGON..	4,441
WIS.....	17,469	WASH....	7,069
WYO.....	1,516	WYO.....	1,516
ALASKA....		N. W.....	20,329
CANADA....		ARIZ.....	934
MISC.....		CALIF....	6,871
		COLO....	6,613
		NEV.....	340
		N. M.....	1,247
		UTAH....	1,937
TOTAL...	600,000	S. W.....	17,942

**FARM LIFE,
Spencer, Ind.**

Issued monthly. Sub., 25 cents a year. Advertising, \$2.50 per agate line, flat. Inside page, \$1,125; back cover, \$1,250.00. Reading notices, \$3.00 per counted line. Classified, \$2.00 per line. Colors, 10 per cent. extra. Width of column (13 ems), 2 1-6 in.; length of column, 10 3/4 in., 150 lines; page, 3 columns, 450 lines. Closing dates, 1st and 16th month previous. Issued 1st of month.

Alphabetical.		Sectional.	
State.		State.	
ALA.....	10,929	CONN....	3,200
ARIZ.....	980	MAINE....	2,633
ARK.....	16,819	MASS....	3,747
CALIF....	5,334	N. H.....	1,320
COLO....	4,085	R. I.....	792
CONN....	3,200	VT.....	1,670
DEL.....	2,073	N. ENG....	13,362
D. C.....	134	DEL.....	2,073
FLA.....	7,405	D. C.....	134
GA.....	24,947	MD.....	5,811
IDAHO....	2,454	N. J.....	4,939
ILL.....	27,680	N. Y.....	20,506
IND.....	15,748	PENN....	40,999
IOWA....	14,666	N. ATL....	74,462
KAS.....	10,786	FLA.....	7,405
KY.....	11,215	GA.....	24,947
LA.....	8,879	N. C.....	17,460
MAINE....	2,633	S. C.....	13,110
MD.....	5,811	VA.....	14,770
MASS....	3,747	W. VA....	11,407
MICH....	14,105	S. ATL....	89,099
MINN....	16,308	MICH....	14,105
MISS....	13,085	MINN....	16,308
MO.....	13,737	N. D.....	6,424
MONT....	2,800	S. D.....	5,826
NEB.....	8,111	WIS.....	13,136
NEV.....	413	N. CENT..	55,799
N. H.....	1,320	ILL.....	27,680
N. J.....	4,939	IND.....	15,748
N. M.....	1,246	IOWA....	14,666
N. Y.....	20,506	KAS.....	10,786
N. C.....	17,460	KY.....	11,215
N. D.....	6,424	Mo.....	13,737
OHIO....	23,519	NEB.....	8,111
OKLA....	15,277	OHIO....	23,519
OREGON..	2,423	TENN....	12,126
PENN....	40,999	MID.....	137,588
R. I.....	792	ALA.....	10,929
S. C.....	13,110	ARK.....	16,819
S. D.....	5,826	LA.....	8,879
TENN....	12,126	MISS....	13,085
TEXAS....	34,707	OKLA....	15,277
UTAH....	1,600	TEXAS....	34,707
VT.....	1,670	S. CENT..	99,696
VA.....	14,770	IDAHO....	2,454
WASH....	4,583	MONT....	2,800
W. VA....	11,407	OREGON..	2,423
WIS.....	13,136	WASH....	4,583
WYO.....	1,062	WYO.....	1,062
ALASKA....	18	N. W.....	13,322
FOREIGN....	6	N. M.....	1,246
MISC.....		CALIF....	5,334
PAID.....		COLO....	4,085
FREE.....		NEV.....	413
		UTAH....	1,600
TOTAL...	497,152	S. W.....	13,658

FARMER'S WIFE, St. Paul, Minn.

Issued monthly. Sub., 35 cents a year. Advertising, \$3.50 per agate line. Full page, \$2,000; back cover, colors, \$3,300. Standard Rate Card, Classified, 25 cents a word. Reading notices not accepted. Cash discount, 2 per cent. Column width (13 ems), 2 1-6 in.; columns, 196 lines. Four columns to page. Closing date, 18th month preceding date of issue; color pages close, see Rate Card.

State.		State.	
ALA.....	4,545	CONN....	4,333
ARIZ.....	1,037	MAINE....	3,838
ARK.....	4,317	MASS....	6,467
CALIF....	7,930	N. H.....	2,885
COLO.....	6,393	R. I.....	1,119
CONN....	4,333	VT.....	3,056
DEL.....	825	N. ENG....	21,698
D. C.....	344	DEL.....	825
FLA.....	2,016	D. C.....	344
GA.....	5,168	MD.....	5,222
IDAHO....	2,917	N. J.....	7,234
ILL.....	60,257	N. Y.....	26,834
IND.....	61,840	PENN....	40,028
IOWA....	85,801	N. ATL....	80,847
KAS.....	13,993	FLA.....	2,016
KY.....	7,135	GA.....	5,168
LA.....	2,617	N. C.....	7,768
MAINE....	3,838	S. C.....	3,285
MD.....	5,222	VA.....	9,017
MASS....	6,467	W. VA....	8,367
MICH....	57,616	S. ATL....	35,621
MINN....	45,949	MICH....	59,616
MISS....	3,177	MINN....	45,949
MO.....	15,077	N. D.....	13,869
MONT....	8,867	S. D.....	17,336
NEB.....	17,052	WIS....	54,301
NEV.....	676	N. CENT..	191,071
N. H.....	2,885	ILL.....	60,257
N. J.....	7,234	IND.....	61,840
N. M.....	1,379	IOWA....	85,801
N. Y.....	26,834	KAS.....	13,993
N. C.....	7,768	KY.....	7,135
N. D.....	13,869	MO.....	15,077
OHIO....	70,378	NEB.....	17,052
OKLA....	7,176	OHIO....	70,378
OREGON..	3,988	TENN....	6,497
PENN....	40,028	MID.....	338,030
R. I.....	1,119	ALA.....	4,545
S. C.....	3,285	ARK.....	4,317
S. D.....	17,336	LA.....	2,617
TENN....	6,497	MISS....	3,177
TEXAS... 12,318		OKLA....	7,176
UTAH....	1,499	TEXAS... 12,318	
VT.....	3,056	S. CENT..	34,150
VA.....	9,017	IDAHO....	2,917
WASH....	6,737	MONT....	8,867
W. VA....	8,367	OREGON..	3,988
WIS....	54,301	WASH....	6,737
WYO....	2,114	WYO....	2,114
ALASKA..		N. W.....	24,623
CANADA..	275	ARIZ....	1,037
MISC....	55	CALIF... 7,930	
PAID.... 743,924		COLO.... 6,393	
FREE.... 31,076		NEV..... 676	
		N. M..... 1,379	
		UTAH.... 1,499	
TOTAL...775,000		S. W..... 18,914	

NATIONAL FARMER AND STOCK GROWER, St. Louis, Mo.

Issued monthly. Sub., 50 cents a year. Advertising, 60 cents per agate line. Inside pages, \$325; back cover, \$350. Special rate, 450 lines (3 column page size) in one issue, only advertisement on page, \$225.00. No colors. Minimum advertisement, 3 lines. Classified, 60 cents per line. Column width (13 ems), 2 1-6 in.; four columns, 750 lines, to page. Closing date, 20th of month previous.

State.		State.	
ALA.....	1,285	CONN.....	
ARIZ.....		MAINE....	
ARK.....	8,162	MASS....	
CALIF....		N. H.....	
COLO.....		R. I.....	
CONN....		VT.....	
DEL.....		N. ENG....	
D. C.....		DEL.....	
FLA.....		D. C.....	
GA.....	312	MD.....	
IDAHO....		N. J.....	
ILL.....	34,417	N. Y.....	
IND.....	4,739	PENN....	
IOWA....	5,037	N. ATL....	
KAS.....	5,832	FLA.....	32
KY.....	5,529	GA.....	312
LA.....	1,084	N. C.....	101
MAINE....		S. C.....	184
MD.....		VA.....	116
MASS....		W. VA....	119
MICH....		S. ATL....	864
MINN....		MICH....	
MISS....	1,753	MINN....	
MO.....	58,107	N. D.....	
MONT....		S. D.....	
NEB.....	1,026	WIS....	
NEV.....		N. CENT..	
N. H.....		ILL.....	34,417
N. J.....		IND.....	4,739
N. M.....		IOWA....	5,037
N. Y.....		KAS.....	5,832
N. C.....		KY.....	5,529
N. D.....		MO.....	58,107
OHIO....	2,375	NEB.....	1,026
OKLA....	6,280	OHIO....	2,375
OREGON..		TENN....	5,197
PENN....		MID.....	122,259
R. I.....		ALA.....	1,285
S. C.....		ARK.....	8,162
S. D.....		LA.....	1,084
TENN....	5,197	MISS....	1,753
TEXAS... 3,196		OKLA....	6,280
UTAH....		TEXAS... 3,196	
VT.....		S. CENT..	21,760
VA.....		IDAHO....	
WASH....		MONT....	
W. VA....		OREGON..	
WIS....		WASH....	
WYO....		WYO....	
ALASKA..		N. W.....	
CANADA..		ARIZ....	
MISC....	117	CALIF....	
PAID.... 144,331		COLO....	
FREE.... 669		NEV.....	
		N. M.....	
		UTAH....	
TOTAL...145,000		S. W.....	

SUCCESSFUL FARMING,

Des Moines, Iowa.

Issued monthly. Sub., 25 cents a year. Advertising, \$4.50 per agate line. Inside pages, \$2,025; back cover, 3 colors, \$2,500. Minimum size of advt., 3 lines. Standard Rate Card. Classifications same rate. Reading notices not accepted. Cash discount, 2 per cent. Column width, 2 1-6 in.; columns, 150 lines; 450 lines to page. Closing date, 25th of second preceding month. Issued 1st of month.

Alphabetical.	Sectional.	
ALA.	3,702	CONN. 4,640
ARIZ.	1,163	MAINE. 5,427
ARK.	7,455	MASS. 7,870
CALIF.	8,359	N. H. 3,374
COLO.	12,215	R. I. 1,336
CONN.	4,640	VT. 3,531
DEL.	795	N. ENG. 26,178
D. C.	162	DEL. 795
FLA.	1,733	D. C. 162
GA.	3,093	MD. 4,684
IDAHO.	6,326	N. J. 5,935
ILL.	68,143	N. Y. 36,164
IND.	38,293	PENN. 47,604
IOWA.	74,574	N. ATL. 95,344
KAS.	38,539	FLA. 1,733
KY.	9,505	GA. 3,093
LA.	1,925	N. C. 5,191
MAINE.	5,427	S. C. 2,008
MD.	4,684	VA. 9,558
MASS.	7,870	W. VA. 10,917
MICH.	43,146	S. ATL. 32,500
MINN.	44,064	MICH. 43,146
MISS.	2,185	MINN. 44,064
MO.	45,123	N. D. 15,330
MONT.	12,693	S. D. 21,146
NEB.	34,271	WIS. 38,684
NEV.	658	N. CENT. 162,370
N. H.	3,374	ILL. 68,143
N. J.	5,935	IND. 38,293
N. M.	2,184	IOWA. 74,574
N. Y.	36,164	KAS. 38,539
N. C.	5,191	KY. 9,505
N. D.	15,330	MO. 45,123
OHIO.	67,886	NEB. 34,271
OKLA.	20,802	OHIO. 67,886
OREGON.	7,615	TENN. 8,740
PENN.	47,604	MID. 385,064
R. I.	1,336	ALA. 3,702
S. C.	2,008	ARK. 7,455
S. D.	21,146	LA. 1,925
TENN.	8,740	MISS. 2,185
TEXAS.	15,635	OKLA. 20,802
UTAH.	3,231	TEXAS. 15,635
VT.	3,531	S. CENT. 51,704
VA.	9,558	IDAHO. 6,326
WASH.	11,011	MONT. 12,693
W. VA.	10,917	OREGON. 7,615
WIS.	38,684	WASH. 11,011
WYO.	2,555	WYO. 2,555
ALASKA.	115	N. W. 40,200
CANADA.	509	ARIZ. 1,163
MISC.	85	CALIF. 8,359
TOTAL.	821,879	COLO. 12,215
.....	.....	NEV. 658
.....	.....	N. M. 2,184
.....	.....	UTAH. 3,231
TOTAL.	821,879	S. W. 27,810

FARM PUBLICATIONS,

Showing Circulation and Rates of Eleven First-class Monthlies.

This statement is a reliable summary of the actual circulation of eleven monthly farm publications of the first class. The circulation is 5,489,031 copies on a total of 6,361,502 farms. The line rate is \$27.60, and an advertiser can reach this circulation with an inch card for one month for \$386.40.

ELEVEN PAPERS.

Alphabetical.	Sectional.	
ALA.	46,701	CONN. 46,355
ARIZ.	7,908	MAINE. 38,235
ARK.	90,217	MASS. 83,137
CALIF.	60,598	N. H. 27,910
COLO.	65,866	R. I. 11,956
CONN.	46,355	VT. 30,262
DEL.	12,404	N. ENG. 237,855
D. C.	3,778	DEL. 12,404
FLA.	25,000	D. C. 3,778
GA.	68,861	MD. 47,043
IDAHO.	26,442	N. J. 80,881
ILL.	395,759	N. Y. 368,843
IND.	257,194	PENN. 469,830
IOWA.	327,109	N. ATL. 982,779
KAS.	187,819	FLA. 25,000
KY.	86,167	GA. 68,861
LA.	29,172	N. C. 74,522
MAINE.	38,235	S. C. 37,369
MD.	47,043	VA. 81,715
MASS.	83,137	W. VA. 81,368
MICH.	285,712	S. ATL. 368,853
MINN.	197,669	MICH. 285,712
MISS.	51,560	MINN. 197,669
MO.	281,538	N. D. 71,738
MONT.	47,375	S. D. 82,058
NEB.	178,404	WIS. 197,896
NEV.	4,317	N. CENT. 835,073
N. H.	27,910	ILL. 395,759
N. J.	80,881	IND. 257,194
N. M.	14,455	IOWA. 327,109
N. Y.	368,843	KAS. 187,819
N. C.	74,522	KY. 86,167
N. D.	71,738	MO. 281,538
OHIO.	445,844	NEB. 178,404
OKLA.	127,385	OHIO. 445,844
OREGON.	34,403	TENN. 69,771
PENN.	469,830	MID. 2,229,605
R. I.	11,956	ALA. 46,701
S. C.	37,369	ARK. 90,217
S. D.	82,058	LA. 29,172
TENN.	69,771	MISS. 51,560
TEXAS.	210,910	OKLA. 127,385
UTAH.	16,658	TEXAS. 210,910
VT.	30,262	S. CENT. 555,945
VA.	81,715	IDAHO. 26,442
WASH.	55,952	MONT. 47,375
W. VA.	71,368	OREGON. 34,403
WIS.	197,890	WASH. 55,952
WYO.	13,965	WYO. 13,965
ALASKA. ....	.....	N. W. 178,137
CANADA. ....	.....	ARIZ. 7,908
MIS. ....	.....	CALIF. 60,598
PAID. ....	.....	COLO. 65,866
FREE. ....	.....	NEV. 4,317
.....	.....	N. M. 14,455
.....	.....	UTAH. 16,658
TOTAL.	5,489,031	S. W. 169,802

LIVE STOCK DIRECTORY.

This is practically the beginning of the Live Stock Breeders' Directory of the United States, including active auctioneers, some of whom are also breeders. Most of the breeders whose names appear are paid subscribers to **Agricultural Statistics**. The few others are put in as information because of their standing as live stock improvers. There is no charge whatever for one or two lines, neither is any advertisement solicited. All we desire from any live stock breeder is that he shall be a member of his own breeders' associations. This Directory places our subscribers in direct communication one with another.

ALABAMA.

ASHBURN, W. A., Breeder of Pure-Bred Poland-China Swine, ARAB, ALA.
 AVANT, RALPH, Breeder of Pure-Bred Poland-China Swine, LUVERNE, ALA.
 BALENTINE, J. R., Breeder of Pure-Bred Shorthorn Cattle, CLOVERDALE, ALA.
 BARR, G. A., Breeder of Pure-Bred Poland-China Swine, HUNTSVILLE, ALA.
 CHILES, W. C., Breeder of Pure-Bred Berkshire Swine, EUTAW, ALA.
 CLAYTON, W. S., Breeder of Pure-Bred Poland-China Swine, COLLINSVILLE, ALA.
 COLLINS, GEO. M., Breeder of Pure-Bred Shorthorn Cattle, CARROLLTON, ALA.
 COOK—W. E., Speckled Velvet Seed Beans, EVERGREEN, ALA.
 CRABB, MORTON C., Breeder of Pure-Bred Shorthorn Cattle, GALLION, ALA.
 DAVIDSON, JAS. P., Breeder of Pure-Bred Shorthorn Cattle, UNIONTOWN, ALA.
 DUNN, JESSE, Breeder of Pure-Bred Poland-China Swine, CORONA, ALA.
 ECHO VALLEY FARM, Choice Duroc-Jersey Swine, SAFFORD, ALA.
 FAIRMONT FARM, T. C. Hudson, Owner, Berkshire Swine, OPELIKA, ALA.
 FARRIOR, J. B., Pure-Bred Poland-China Hogs, FORT DEPOSIT, ALA.
 FENNEL, JOHN F., Breeder of Pure-Bred Shorthorn Cattle, LEIGHTON, ALA.
 FORD, CHAS., Fordland Stock Farm, Tamworth Swine, R. R. 2, GALLION, ALA.
 FRANKSDALE STOCK FARMS, Breeders of Pure-Bred Holsteins, TALLADEGA, ALA.
 GAMBILL, J. B., Breeder of Pure-Bred Shorthorn Cattle, SHEFFIELD, ALA.
 GANNAWAY, T. A., Breeder of Pure-Bred Poland-China Swine, OXFORD, ALA.
 HENDERSON, J. A., Breeder of Great O. I. C. Hogs, TROY, ALA.
 JOHNSON, NED, Breeder of Duroc-Jersey Swine, PRATTVILLE, ALA.
 JONES, F. L., Breeder of Pure-Bred Shorthorn Cattle, TROY, ALA.
 KENDALL STOCK FARMS, Pure-bred Holstein Cattle, BERLIN, ALA.
 KIRKVIEW FARM, Pure-bred Shorthorn Cattle, R. R. 4, ORRVILLE, ALA.
 LUSK, J. M., Breeder of Pure-Bred Shorthorn Cattle, JACKSONVILLE, ALA.
 MADDOX, W. N., Pure-Bred Holstein Cattle, EASONVILLE, ALA.
 MAREBURY STOCK FARMS, Jersey and Shorthorn Cattle and Duroc Swine, MAREBURY, ALA.

MOORE, A. B., Breeder of Pure-Bred Shorthorns, MARION JUNCTION, ALA.

PRATTVILLE STOCK FARM, C. E. Thomas, President; Carl F. Adams, Secretary, Pure-Bred Hampshire Swine, PRATTVILLE, ALA.

SANSOM, JAMES C., Breeder of Pure-Bred Shorthorn Cattle, SELLERS, ALA.
 SMITH, F. W., Big-Type Poland-China Swine, R. R. 1, WAVERLY, ALA.
 SOLOMON & OATES, Breeders of Pure-Bred Shorthorns, HEADLAND, ALA.
 WADSWORTH, W. A., Breeder of Duroc-Jersey Swine, PRATTVILLE, ALA.
 WARD, D. & C., Breeders of Aberdeen-Angus Cattle, SELMA, ALA.

ARIZONA.

BARTLETT-HEARD LAND AND CATTLE CO., Poland-China Swine, PHOENIX, ARIZ.
 EVANS, H. DAVID, Breeder of Pure-Bred Poland-China Swine, MESA, ARIZ.
 GIST, AUBREY, Breeder of Angora Goats, SKULL VALLEY, ARIZ.
 GRAND CANYON SHEEP COMPANY, Rambouillet Sheep, FLAGSTAFF, ARIZ.
 HARRI, L. G., Breeder of Pure-Bred Poland-China Swine, PHOENIX, ARIZ.
 HAZLETON, C. E., Breeder of Pure-Bred Poland-China Swine, PHOENIX, ARIZ.
 JOHNSON, JAMES A., Breeder of Pure-Bred Shorthorn Cattle, PHOENIX, ARIZ.
 MORGAN, FRANK P., Breeder of Pure-Bred Poland-Chinas, SOMERTON, ARIZ.
 Walker Goat Co., Angoras, Kingman, Ariz.
 WEATHERSBY, J. P., Angora Goats, KLONDYKE, ARIZ.
 Webster, O. F., Angoras, Thatcher, Ariz.

ARKANSAS.

AUTEN, H. F., Pure-Bred Holstein Heifers, LITTLE ROCK, ARK.
 BERRY, J. H., Breeder of Pure-Bred Shorthorn Cattle, BENTONVILLE, ARK.
 BLEAKLEY, F. L., Breeder of Pure-Bred Shorthorn Cattle, AUVERGNE, ARK.
 BROWN, HENRY, Breeder of Pure-Bred Poland-China Swine, ARDEN, ARK.
 CASEY, BERRY, Breeder of Pure-Bred Shorthorn Cattle, BOXLEY, ARK.
 Clearwater Farms, Thos. L. Fell, Stuttgart, Ark.
 COOPER, J. F., Breeder of Pure-Bred Shorthorn Cattle, SNOWBALL, ARK.
 CROW, R. C., Breeder of Pure-Bred Poland-China Swine, GARNETT, ARK.
 CULBERHOUSE, R. S., Breeder of Pure-Bred Poland-Chinas, JONESBORO, ARK.
 CUMMINS, HARRY, Breeder of Pure-Bred Poland-China Swine, CORNING, ARK.
 DAVIS, ROBERT, Breeder of Pure-Bred Poland-China Swine, MILLWOOD, ARK.
 DENTON, GARLAND, Breeder of Pure-Bred Shorthorn Cattle, BERRYVILLE, ARK.
 DUNCAN, ELLIS, Breeder of Pure-Bred Poland-Chinas, FAYETTEVILLE, ARK.
 FAKES, W. B., Breeder of Pure-Bred Shorthorn Cattle, McCORRY, ARK.
 FOSTER, P. A., Breeder of Pure-Bred Shorthorn Cattle, MONETTE, ARK.
 GAITHER, GUS, Breeder of Pure-Bred Shorthorn Cattle, HARRISON, ARK.
 GREINER, F. J., Breeder of Immune Chester White Swine, MENA, ARK.
 HANDBROUGH, W. J., Breeder of Pure-Bred Shorthorn Cattle, RECTOR, ARK.
 HANSMANN, WM., Breeder of Pure-Bred Poland-China Swine, BRINKLEY, ARK.
 HILTON, W. A., Breeder of Pure-Bred Shorthorns, EUREKA SPRINGS, ARK.
 MOREHOUSE, A. R., Breeder of Pure-Bred Shorthorns, EUREKA SPRINGS, ARK.
 SIEGLE, OTTO, Tick-Immune Herefords, 1855 Arch St., LITTLE ROCK, ARK.
 YANCY, S. H., Breeder of Pure-Bred Shorthorn Cattle, RECTOR, ARK.

CALIFORNIA.

ANGELL, E. G., Breeder of Pure-Bred Poland-China Swine, IMPERIAL, CALIF.
 ARLINGTON HEIGHTS FRUIT CO., Poland-China Swine, RIVERSIDE, CALIF.

BASSETT, M., Breeder of Pure-Bred Poland-China Swine, HANFORD, CALIF.

BISHOP BROS., "San Ramon Shrop-shires," SAN RAMON, CALIF.

BRAY, W. J., & SON, Breeders of Pure-Bred Shorthorn Cattle, HILT, CALIF.

BULLARD BROS., Pure-bred Rambouillet Sheep, WOODLAND, CALIF.

CAWSTON OSTRICH FARM, P. O. Box 6, SOUTH PASADENA, CALIF.

CONKLIN BROS., Pure-bred Angoras, NEWVILLE, CALIF.

CROWELL, F. E., Breeder of Pure-Bred Poland-China Swine, ALPAUGH, CALIF.

GLIDE, T. S., Breeder of Pure-Bred Shorthorn Cattle, DAVIS, CALIF.

HANNAH, CHAS. R., Breeder of Pure-Bred Poland-China Swine, RIVERSIDE, CALIF.

KIMBLE, CHAS. A., Breeder of California Rambouillet Sheep, HANFORD, CALIF.

LEWIS, H. H., Breeder of Pure-Bred Poland-China Swine, WINTERS, CALIF.

COLORADO.

BABCOCK, B. A., Breeder of Pure-Bred Shorthorn Cattle, RUSH, COLO.

BARNEY BROS., Pure-Bred Poland-China Pigs, HASWELL, COLO.

BERGEMANN, W. M., Breeder of Pure-Bred Shorthorn Cattle, PUEBLO, COLO.

BEVERIDGE, LISTER, Hereford Cattle and Belgian Horses, ARAPAHOE, COLO.

CAMPBELL, C. C., Breeder of Pure-Bred Shorthorn Cattle, SPRINGFIELD, COLO.

CHEESE, C. H., Breeder of Pure-Bred Shorthorn Cattle, PEYTON, COLO.

COLE, HOMER C., Breeder of Pure-Bred Poland-China Swine, ALFAFA, COLO.

COUNTS, WILSON, Producer of Holstein Dairy Springers, HASTY, COLO.

CREEL, C. A., Breeder of Pure-Bred Shorthorn Cattle, ARRIBA, COLO.

EDGEMOOR FARM, Caldwell Martin, Owner, Duroc-Jerseys, LITTLETON, COLO.

FLINT, FRED, Breeder of Pure-Bred Shorthorn Cattle, GREELEY, COLO.
Funk, M. M., Angoras, Parlin, Colo.

GOODWIN, W. W., Breeder of Pure-Bred Jerseys, R. F. D. 2, CANON CITY, COLO.

GRAHAM, G. W., Breeder of Pure-Bred Shorthorn Cattle, LILY, COLO.

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MILLER, DALLAS L., Sugar Mound Herd Polled Durhams, R. 1, MULBERRY, IND.

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MUMMA, SUMNER, Pure-Bred Hampshire Hogs, R. R. 3, DECATUR, IND.

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Shorthorn Cattle, GRAND CANE, LA.
ZEAGLER, B. E., Breeder of Pure-Bred
Poland-China Swine, OLLA, LA.

MAINE.

BANGS, C. W., Breeder of Pure-Bred
Shorthorn Cattle, FREEDOM, ME.
BEACHY, SILAS C., Breeder of Pure-Bred
Shorthorn Cattle, ACCIDENT, ME.
CURTIS, E. B., Breeder of Pure-Bred Hamp-
shire Down Sheep, HARRINGTON, ME.
FLETCHER, J. V., Breeder of Pure-Bred
Shorthorn Cattle, ANSON, ME.
GLIDDON, S. J., Breeder of Pure-Bred
Shorthorn Cattle, FREEDOM, ME.
HILTON, WILBUR, Breeder of Pure-Bred
Hampshire Down Sheep, ANSON, ME.
HOYT, P. L., Breeder of Pure-Bred Berk-
shire Swine, PRESQUE ISLE, ME.
LONG BRANCH FARM (W. B. Kendall,
Prop.), Breeders of Shropshire, Cheviot,
Hampshire and Dorset Sheep,
BOWDOINHAM, ME.
RICHARDSON, FRED L., Breeder of Pure-
bred Shorthorns, KENDUSKEAG, ME.

WOODBURY, CHAS. P., Breeder of Pure-Bred Shorthorn Cattle, **FREEDOM, ME.**

MARYLAND.

ABRY, PHILIP K., Breeder of Pure-Bred Berkshire Swine, **EASTON, MD.**

BRYAN, FELIX, Breeder of Pure-Bred Berkshire Swine, **NEW BLOOMFIELD, MD.**

CRAIN, ROBERT, Breeder of Pure-Bred Shorthorn Cattle, **MOUNT VICTORIA, MD.**

DOUGHOREGAN MANOR FARM, Charles F. Haight, Mgr., Breeder of Superior Milking Shorthorns, **ELLICOTT CITY, MD.**

ELKTON FARMS, Breeder of Pure-Bred Berkshire Swine, **ELKTON, MD.**

HOBBS, JAMES, Shropshire Sheep, Hampshires, Dorsets, Southdowns and Cotswolds, all Pure-Bred, 2112 Mount Royal Terrace, **BALTIMORE, MD.**

HUTTON, F. C., Breeder of Pure-Bred Berkshire Swine, **CLOPPER, MD.**

JAVA FARM, High Grade Holsteins, Cantees Wharf, **ANNAPOLIS, MD.**

MERRYMAN, LOUIS McL., Pure-Bred Guernsey Cattle, **COCKEYSVILLE, MD.**

VALLEY MILL FARM, Danish S. C. White Leghorns, **SILVER SPRING, MD.**

MASSACHUSETTS.

ANDERSON, JOHN S., Breeder of Pure-Bred Shorthorns, **SHELBURNE, MASS.**

BALLOU, C. E. & SON, Breeders of Pure-Bred Shorthorns, **GREENFIELD, MASS.**

BARNARD, D. T., Breeder of Pure-Bred Shorthorn Cattle, **SHELBURNE, MASS.**

BROWN, IDE, Breeder of Pure-Bred Shorthorn Cattle, **ROWE, MASS.**

COLE, E. D., Breeder of Pure-Bred Shorthorn Cattle, **SOUTH BARRE, MASS.**

DOLE, STEVENS F., Breeder of Pure-Bred Shorthorn Cattle, **SHELBURNE, MASS.**

FISH, GEO. H., Breeder of Pure-Bred Berkshire Swine, **ORANGE, MASS.**

GALE, P. S., Breeder of Pure-Bred Shorthorn Cattle, **PETERSHAM, MASS.**

HARRIS, E. A., Breeder of Pure-Bred Shorthorn Cattle, **AMHERST, MASS.**

HOOD FARM, Breeders of Berkshire Swine and Jersey Cattle, **LOWELL, MASS.**

KNIGHT, H. W. See card of Overlook Orchards, **LITTLETON, MASS.**

Langwater Farms, Guernseys, North Easton, Mass.

Mixer Farms, Guernseys, Hardwick, Mass.

NEW ENGLAND AYRSHIRE CLUB, R. M. Handy, Secretary, **BARRE, MASS.**

REEVES, D., Breeder of O. I. C. and Large Yorkshire Swine, **LEXINGTON, MASS.**

SANDERSON, C. B., Breeder of Pure-Bred Berkshire Swine, **SHIRLEY, MASS.**

TRUEDELL, J. W., Breeder of Pure-Bred Shorthorn Cattle, **SHELBURNE, MASS.**

UPLAND FARMS (F. P. Frazier & Sons, Owners; C. E. Johnson, Manager), Pure-bred Guernsey Cattle, **IPSWICH, MASS.**

MICHIGAN.

ADAMS, A. J., Chester White Swine and Shorthorn Cattle, **LITCHFIELD, MICH.**

ADAMS, W. S., Shorthorn Cattle and Tamworth Swine, **LITCHFIELD, MICH.**

AMERICAN HAMPSHIRE SHEEP ASSOCIATION, Comfort A. Tyler, Secretary, 36 Woodland Ave., **DETROIT, MICH.**

AVONDALE STOCK FARM, Pure-Bred Guernsey Cattle, **WAYNE, MICH.**

BALDWIN, ALVIN, Breeder of Wildwood Farm Jersey Cattle, **CAPAC, MICH.**

BIDWELL STOCK FARM, Breeder of Pure-Bred Shorthorns, **TECUMSEH, MICH.**

BIGELOW'S HOLSTEIN FARMS, Pure-Bred Holstein Cattle, **BREEDSVILLE, MICH.**

BLOOMINGDALE FARMS, Holstein Cattle, **BLOOMINGDALE, MICH.**

BRADFORD, EDWIN, Breeder of Pure-Bred Shorthorn Cattle, **BELDING, MICH.**

BRADLEY, FRANK L., Breeder of Pure-Bred Shorthorn Cattle, **CHARLOTTE, MICH.**

BROOKWATER FARM, Herbert W. Mumford, Owner, J. Bruce Henderson, Mgr., Breeders of Register of Merit Jersey Cattle, R. 7, **ANN ARBOR, MICH.**

BURCH, MRS. W. W., Pure-bred Shetland Sheep, R. 3, **COOPERSVILLE, MICH.**

CARPENTER GRAIN COMPANY, Seed Corn in Car-Loads, **BATTLE CREEK, MICH.**

CLARK, GLEN, Breeder of Pure-Bred Guernsey Cattle, **EAU CLAIRE, MICH.**

CLARKE, GEO. D., Registered Holstein Bull Calves, **VASSAR, MICH.**

CLUNY STOCK FARM, R. Bruce McPherson, Holstein Cattle, **HOWELL, MICH.**

COOK, M. P., Breeder of Pure-Bred Shorthorn Cattle, **FLINT, MICH.**

CRAMPTON, H. C., Breeder of Pure-bred Shropshire Sheep, R. R. 1, **ELBA, MICH.**

CRANDALL & SON, Breeders of O. I. C. Swine, **CASS CITY, MICH.**

CURTIS, D. A., Stock and Grain Farmer, R. R. 2, **ADDISON, MICH.**

EBELS, JOHN, Breeder of Registered Guernsey Cattle, R. 2, **HOLLAND, MICH.**

Emblegaard Dairy, Holsteins, Marquette, Mich.

FOX, IRVIN, Breeder of Pure-Bred Jersey Cattle, R. 3, **ALLEGAN, MICH.**

GEARHART, E. H. & SON, Oak Leaf Farm Holsteins, R. 4, **MARCELLUS, MICH.**

GILMORE BROS., Breeders of Pure-Bred Guernsey Cattle, **CAMDEN, MICH.**

GRIFFIN, WM., Pure-Bred Holstein Cattle, R. 5, **HOWELL, MICH.**

HARDY, E. A., Breeder of Quality Holsteins, **ROCHESTER, MICH.**

HATHAWAY, GEO. & SON, Breeders of "Cloverly" Angus Cattle, **OID, MICH.**

HICK'S GUERNSEY FARM, Blood of World Champions, **SAGINAW, W. S., MICH.**

HICKS, T. V., Glenwood Herd Guernsey Cattle, **BATTLE CREEK, MICH.**

KINNE, Z., Breeder of Pure-Bred Poland-Chinas, **THREE OAKS, MICH.**

KUNEY, L. R., Cotswold, Lincoln, Leicester, Hampshire and Shropshire Sheep, all Registered, with papers, **ADRIAN, MICH.**

LANG BROS., Breeders of Aberdeen-Angus Cattle, **DAVISON, MICH.**

McLAULIN, M. L., Breeder of Pure-Bred Holstein Cattle, **REDFORD, MICH.**

NATIONAL LINCOLN SHEEP BREEDERS' ASSOCIATION, Bert Smith, Secretary, **CHARLOTTE, MICH.**

NOTTEN FARM, Breeders of Pure-Bred Jersey Cattle, **GRASS LAKE, MICH.**

PARHAM, R. B., Holstein Cattle and Chester White Swine, **BRONSON, MICH.**

PEACELAND STOCK FARM, C. L. Brody, Owner, Charles Peters, Herdsman, Breeders of Registered Holstein Cattle, **THREE RIVERS, MICH.**

READER, W. B., Breeder of Pure-Bred Holstein Cattle, **HOWELL, MICH.**

RIVERVIEW FARM, Breeders of Pure-Bred Holstein Cattle, **VASSAR, MICH.**

Shinglebrook Farm, Cattle, Shelburne, Mass.

SMITH & PARKER, Breeders of Pure-Bred Jersey Cattle, R. 4, **HOWELL, MICH.**

WILDWOOD FARMS, Sidney Smith, Supt., W. E. Scripps, Prop., Aberdeen-Angus Cattle and Duroc-Jersey Hogs, **ORION, MICH.**

WILLIAMS, J. M., Breeder of Registered Guernseys, **NORTH ADAMS, MICH.**

WINN—JOHN H. WINN, INC., Win-Wood Herd Holsteins, **ROSCOMMON, MICH.**

WOODCOTE STOCK FARM, Fashionable Strains Aberdeen-Angus, **TONIA, MICH.**

MINNESOTA.

ANDERSON, LOUIS, Pure-bred Chester White Swine, R. R. 1, **JACKSON, MINN.**

EVERY, WALTER G., Breeder of Shropshire Sheep, **WEST CONCORD, MINN.**

BAKER, H., Breeder of Duroc-Jersey Swine, **EDGERTON, MINN.**

BALTUS, MATT, Spring Park Stock Farm, Chester Swine, **STEWART, MINN.**

BAUMANN, JACOB, Breeder of Pure-Bred Shorthorn Cattle, **TENNEY, MINN.**

CARROLL, M., Breeder of Duroc-Jersey Swine, BALATON, MINN.
 CASTERTON, LAWRENCE, Breeder of Pure-Bred Shorthorns, PROSPER, MINN.
 CHAPMAN, A. B., Pure-Bred Poland-China Swine, MANKATO, MINN.
 CULBERTSON, R. W., Auctioneer Durocs, Shorthorns, Horses, ROCHESTER, MINN.
 EMERY, E. E., Pure-Bred Holstein Cattle, STANTON, MINN.
 FERGUSON BROS., Pure-Bred Hereford Cattle, CANBY, MINN.
 GOODHUE, H. & R. B., Pure-Bred Holstein Cattle, DENNISON, MINN.
 GRABOW, GUSTAV, Home of Duroc-Jersey Swine, RENVILLE, MINN.
 Grover, O. J., Holsteins, Glyndon, Minn.
 GUMMERT, C. F., Pure-Bred Poland-China Pigs, RENVILLE, MINN.
 HARMON, LOUIS, Breeder of Pure-Bred Shorthorn Cattle, CORNELL, MICH.
 HANSON, H. A., Poland-China Swine, R. MANKATO, MINN.
 5,
 HEALY, O. W., & SON, Maple Run Stock Farm Herefords, MAPLETON, MINN.
 HOWE, L. A., Big-Type Chester White Swine, ST. JAMES, MINN.
 Island Farm, Guernseys, Floodwood, Minn.
 JEANS, WM., Pure-Bred Holstein Cattle, WITTHROW, MINN.
 JOHNSON, JULIUS, Pure-Bred Chester White Hogs, SLEEPY EYE, MINN.
 LASBY & ROSE, Big Quality Poland-Chinas, MANKATO, MINN.
 NELSON PONY FARM, Breeder of Pure-Bred Shetlands, TAMARACK, MINN.
 NICHOLSON, F., & SON, Pure-Bred Duroc-Jersey Swine, LYND, MINN.
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 STENBERG, HENRY, Pure-bred Scotch Shorthorns, ELMORE, MINN.
 TELLER, H. O., Live Stock Auctioneer, FARMINGTON, MINN.
 TILNEY FARMS, THE, Roy F. Crowley, Gen. Mgr., Duroc-Jerseys, ST. JAMES, MINN.
 WEBER, W. A., Poultry Fancier, Fifty Varieties, Box 27, MANKATO, MINN.
 WINSHIP STOCK FARM, Pure-bred Holstein Cattle, OWATONNA, MINN.
 WOODLAKE FARM, Home of Quality Holsteins, Station F, MINNEAPOLIS, MINN.

MISSISSIPPI.

BAMBERG, J. G., Breeder of Pure-Bred Poland-China Swine, WINONA, MISS.
 BEASLEY, E. A., Breeder of Pure-Bred Poland-China Swine, NESBITT, MISS.
 BECK, JAMES, Breeder of Pure-Bred Poland-Chinas, HOLLY SPRINGS, MISS.
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 BYARS, B. B., Breeder of Cherry Red Duroc-Jerseys, RIO, MISS.
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 CLARK, L. G., Breeder of Pure-Bred Shorthorn Cattle, WEST POINT, MISS.
 COGGIN, W. L., Breeder of Pure-Bred Poland-China Swine, TUPELO, MISS.
 COLN, I. C., Breeder of Pure-Bred Poland-China Swine, CORINTH, MISS.
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 DUDLEY, J. L., Breeder of Pure-Bred Poland-China Swine, SCOOBA, MISS.
 EVANS, J. E., Breeder of Pure-bred Berkshire Hogs, MULDON, MISS.

FARMER, J. W., & SON, Breeders of Duroc-Jersey Swine, HOUSTON, MISS.
 FINCH, PAUL, Breeder of Pure-Bred Shorthorn Cattle, PRAIRIE, MISS.
 FRENCH, J. R., Breeder of Pure-Bred Poland-China Swine, WEST POINT, MISS.
 HALL—R. P. HALL, JR., Live Stock Dealer and Breeder of Registered Swine, P. O. Box 325, MERIDIAN, MISS.
 HILLTOP STOCK FARM, Breeders of Pure-Bred Hereford Cattle, HOLLY SPRINGS, MISS.
 HINES, C. S., Breeder of Pure-Bred Shorthorn Cattle, NEW ALBANY, MISS.
 McMURRY, Breeder of High Grade Jersey Cattle, TOOMSUBA, MISS.
 MARSHALL, GEO. M., "Lansdowne" Stock and Cotton Plantation, NATCHEZ, MISS.
 MERIDIAN COLLEGE, Jersey Cattle, Shetland Ponies and Duroc-Jersey Hogs, MERIDIAN, MISS.
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 MORELAND, RODGER, Breeder of Pure-Bred Shorthorns, PORT GIBSON, MISS.
 MORETON BROTHERS COMPANY, Breeders of Pure-Bred Hereford Cattle, BROOKHAVEN, MISS.
 ORMSBY, J. L., Breeder of Pure-Bred Shorthorn Cattle, MACON, MISS.
 Osborn, J. S., Angoras, Learned, Miss.
 PINE CREST FARM, Breeders of Duroc-Jersey Swine, CHARLESTON, MISS.
 ROBERTSON, L. H., Berkshire Height Farm, Berkshire Swine, GLOSTER, MISS.
 ROBINSON, WM., Stock and Grain Farmer, Box 3, AFRICA, MISS.
 SUNNY BROOK FARM, E. H. Birdsong, Prop., Duroc Swine, TERRY, MISS.
 THOMAS, W. A., Breeder of Pure-Bred Shorthorn Cattle, CEDAR BLUFF, MISS.
 TURNER—W. S. TURNER & SON, Registered Polled Cattle, CRAWFORD, MISS.
 VINSOM, J. M., Kudza Plant Specialist, CANTON, MISS.

MISSOURI.

ADAMS FARM, Breeder of Pure-Bred Guernsey Cattle, GASHLAND, MO.
 ALDEN BROS., Pure-Bred Aberdeen-Angus Cattle, KIDDER, MO.
 ALLOWAY, H. C., Breeder of Mule Foot Hogs, ELSEBERRY, MO.
 ARMSTRONG EGG FARM, Breeders of White Leghorn Chickens, ARTHUR, MO.
 Aubuchon, N. A., Shorthorns, Bricks, Mo.
 BAKER, E. B., Breeder of Poland-Chinas, KNOX CITY, MO.
 BARBER, H. A., Shorthorn Bulls and Heifers, WINDSOR, MO.
 BARTLETT, B. T., Breeder of Hereford Cattle, GREENCASTLE, MO.
 BASS, L. D., Breeder of Hereford Cattle, COLUMBIA, MO.
 BECK, ERNEST, Flowers, Carnation Specialist, LEBANON, MO.
 BLACKWELL, J. D., Breeder of Aberdeen-Angus Cattle, FAYETTE, MO.
 BROWN, R. W., Registered Galloway Cattle, CARROLLTON, MO.
 BROWNING, N. D., Breeder of Berkshire Swine, JACKSON, MO.
 BURKS, S. Y., Poland-Chinas and English Berkshires, R. R. 3, BOLIVAR, MO.
 BURKS, W. H., & SON, Polands and Duroc-Jerseys, BOLIVAR, MO.
 CALDWELL, C. D. & E. F., Angus Cattle, BURLINGTON JUNCTION, MO.
 CARTER, E. H., & SONS, Breeders of Berkshire Swine, MEXICO, MO.
 CHARTERS, W. H., Poland-China Swine, BUTLER, MO.
 DERBY, GEO. F., Pure-Bred Holstein Cattle, CAMERON, MO.
 DOOLITTLE, W. P., Chester White Swine, WOODLAND, MO.

- EARLY, J. J., Pure-Bred Hereford Cattle,
BARING, MO.
- ELLIOTT BROS., Breeders of Aberdeen-
Angus Cattle, ESTILL, MO.
- ELY & MATTESON, Breeders of Poland-
China Swine, EDINA, MO.
- ENGLE, JESSE, & SONS, Beau Blanchard
Herefords, SHERIDAN, MO.
- EVANS, J. R., & BROS., Breeders of
Shorthorn Cattle, MARYVILLE, MO.
- Evergreen Farm, Shorthorns, Lathrop, Mo.
- FAULKNER, H. L., Spotted Poland-
Chinas, JAMESPORT, MO.
- FISH, L. M., Duroc-Jerseys and Chester
White Swine, BOLIVAR, MO.
- FORSYTHE, W. A., & SONS, Breeders of
Shorthorn Cattle, GREENWOOD, MO.
- Garrett, W. P., Shorthorns, Portland, Mo.
- GENTRY, N. H., Breeder of Champion
Berkshire Swine, SEDALIA, MO.
- GEORGE, JAMES A., Breeder of Duroc-
Jersey Swine, GARLAND, MO.
- GROSS, COL. P. M., Live Stock Auctioneer,
3240 Paseo, KANSAS CITY, MO.
- HANNA, J. W., "Roseburn" Aberdeen-
Angus Cattle, TARKIO, MO.
- Harned, W. P., Shorthorns, Vermont, Mo.
- HARRIMAN, COL. R. L., Live Stock Auc-
tioneer, BUNCETON, MO.
- HARRISON, JACK, Shorthorn Bulls, Cows
and Heifers, AUXVASSE, MO.
- Harvey, J. H., Chester Swine, Maryville, Mo.
- HEAD & GRAY, Estelbrook Farm Jerseys,
PALMYRA, MO.
- HENLEY, TOM, Specialty, Boone County
White Seed Corn, EUREKA, MO.
- HOLTSINGER, COL. F. M., Live Stock
Auctioneer, MOBERLY, MO.
- HURST & HOUSMAN, Breeders of Large,
Pure Berkshire Hogs, BOLCKOW, MO.
- LANGFORD, T. T., & SONS, Selected
Spotted Poland-Chinas, JAMESPORT, MO.
- LAWRENCE, V. E., Breeder of Aberdeen-
Angus Cattle, SALISBURY, MO.
- LEONARD, C. E., & SON, Ravenswood
Shorthorns, BUNCETON, MO.
- LINHARDT, H. O., Big-Type Poland-
Chinas, LOHMAN, MO.
- LITRELL, GARRETT, Scotch Shorthorn
Cattle, CLARK, MO.
- LOHMAN STOCK FARM (H. O. Linhardt),
Poland-Chinas, R. R. 1, LOHMAN, MO.
- LOMAX, DR. J. H., Breeder of Pure-Bred
Jersey Cattle, Station B, ST. JOSEPH, MO.
- LONGVIEW FARM, Breeders of Saddle
and Harness Horses, LEE'S SUMMIT, MO.
- McAnaw, J. H., Chester Swine, Cameron, Mo.
- MCDERMOTT, J. W., Breeder of Shorthorn
Cattle, KAHOKA, MO.
- McMULLEN, LEONARD, Big-Type Poland-
Chinas, SIKESTON, MO.
- MARLOW, E. E., & SON, Big-Type Poland-
Chinas, WELLSVILLE, MO.
- MONSEES, L. M., & SONS, Breeders of
Jacks and Jennets, SMITHTON, MO.
- MOORE, C. B., Duroc-Jersey Swine,
VANDALIA, MO.
- MOORE, E. D., Breeder of Saddle Horses,
COLUMBIA, MO.
- MORTON, DAVID, Breeder of Hampshire
Swine, SAVANNAH, MO.
- MUELLER, L. H., Four Square Poultry
Farm, WELLSVILLE, MO.
- NEEF, JOHN, Reid's Yellow Dent Seed
Corn Specialist, BOONVILLE, MO.
- NEIWEG, ALFRED A., Breeder of White
Indian Runner Ducks, R. C. Rhode Island
Red Chickens and Bourbon Red Turkeys,
R. 2, VICHY, MO.
- OUTDOOR ENTERPRISE CO., Belgian
Hares and Others, HOLMES PARK, MO.
- PATTON, KENNETH C., Poland-China
Swine, CLARKSVILLE, MO.
- PETTY, G. E., Poland-China Swine,
VERSAILLES, MO.
- PLAGEMAN, OTTO, Breeder of Poland-
Chinas, EUREKA, MO.
- PLILEY, J. EDW., Pure-Bred Spotted
Poland-Chinas, GILMAN CITY, MO.
- PREWITT, W. C., & SONS, Scotch Short-
horns, CLARKSVILLE, MO.
- PRITCHETT, H. L., Breeder of Scotch
Shorthorns, NEW LONDON, MO.
- Purdy Bros., Shorthorns, Harris, Mo.
- RANKIN FARMS, THE, Stock Feeding,
TARKIO, MO.
- RANKIN, JOHN A., JR., Pure-Bred
Shorthorn Cattle, R. R. 6, TARKIO, MO.
- ROBINSON, T. B., Spotted Poland-Chinas,
CLARK, MO.
- ROUNER, GUY T., Big-Type Poland-
Chinas, KNOX CITY, MO.
- SARGENT, O. G., Big-Type Poland-Chinas,
ST. FRANCISVILLE, MO.
- SAWYER, W. M., Breeder of White
Chinese Geese, LANCASTER, MO.
- SCHADE, W. F., Jacks and Jennets,
JACKSON, CAPE GIRARDEAU COUNTY, MO.
- SCOTT, G. M., Breeder of Jacks and
Jennets, R. 2, REA, MO.
- SETTLES, B. C., Manager of Sales of Jer-
sey Cattle, PALMYRA, MO.
- SHELEY & CLATTERBUCK, Duroc-Jersey
Swine, NEW BLOOMFIELD, MO.
- SHERWOOD BROS., Breeders of Hamp-
shire Sheep, SHELBYVILLE, MO.
- SIEFKER, A. F., Breeder of Pure-Bred
Poland-China Swine and B. P. Rock
Chickens, DEFIANCE, MO.
- SMILEY, H. W., Spotted Poland-China
Swine, VERSAILLES, MO.
- SONNENMOSER, R. W., Breeder of Short-
horns, Spotted Polands and Shropshires,
WESTON, MO.
- STANDARD JACK AND JENNET REG-
ISTRY OF AMERICA, Wm. E. Morton, Sec-
retary, Scarritt Bldg., KANSAS CITY, MO.
- STROBEL, CHAS. E., Big-Type Poland-
Chinas, LOHMAN, MO.
- SUNNYSIDE POULTRY FARM, W. H.
Block, Mgr., OWENSVILLE, MO.
- SUTHERLAND, D. L., & SONS, Aberdeen-
Angus Cattle, WINDSOR, MO.
- TAYLOR, CHAS. L., Pure-Bred Duroc-
Jersey Swine, OLEAN, MO.
- TAYLOR, H. C., Breeder of Choice Here-
ford Cattle, ROANOKE, MO.
- THIEMAN, D. B., Polled Durham Cattle,
HIGGINSVILLE, MO.
- THORNBERRY, H. B., Registered and
Pedigreed Jacks, Jennets, Percheron and
Shire Stallions and Gaited Kentucky Saddle
Horses, JAMESPORT, MO.
- TUTT, CHAS. P., & SONS, Shorthorn Cows
and Heifers, BUNCETON, MO.
- Wattenbarger, W. J., Shorthorns, Milan, Mo.
- WELLER, J. E., Breeder of Duroc-Jersey
Swine, FAUCETT, MO.
- WHITE, W. J., Breeder of Tamworth
Swine, R. R. 2, BUTLER, MO.
- WILCOX, DAN, Crystal Herd Chester
White Swine, R. 2, CAMERON, MO.
- WILCOXEN & PORTER, Duroc-Jersey
Swine, BOWLING GREEN, MO.
- Womack Bros., Angoras, Fulton, Mo.
- YESTERLAID EGG FARMS CO., White
Leghorns, PACIFIC, MO.
- ZUCK, HOMER, Experimental Farmer,
R. 2, BOWER MILLS, MO.

MONTANA.

- ANDERSON, N. T., Breeder of Pure-Bred
Shorthorn Cattle, CIRCLE, MONT.
- BOWIE, WM., Breeder of Pure-Bred
Shorthorn Cattle, COLUMBIA, MONT.
- BRADLEY, E. A., Breeder of Pure-Bred
Shorthorn Cattle, LEWISTOWN, MONT.
- BRUCKERT, A., Breeder of Pure-Bred
Shorthorn Cattle, BELGRADE, MONT.
- BRUNEAU, A. J., Breeder of Pure-Bred
Shorthorns, GREAT FALLS, MONT.
- CHENEY, HAROLD H., Breeder of Pure-
Bred Shorthorns, BELGRADE, MONT.
- COOPER, F. O., Breeder of Pure-Bred
Poland-Chinas, WILLOW CREEK, MONT.
- COWLES BROS., Breeder of Pure-Bred
Shorthorn Cattle, FAIRVIEW, MONT.

DIAMOND WILLOW RANCH, Pure-Bred Hereford Cattle, PARK CITY, MONT.
 DYAR, C. A., Breeder of Pure-Bred Shorthorn Cattle, CASCADE, MONT.
 GEMMILL, W. A., Breeder of Pure-Bred Shorthorn Cattle, CALVERT, MONT.
 GOODMAN, GEO. W., Breeder of Pure-Bred Shorthorns, ARMINGTON, MONT.
 HAYNES, T. B., Pure-Bred Poland-China Hogs, R. 1, CRESTON, MONT.
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STARK, JOSHUA, Breeder of Large English Berkshires, GRANVILLE, OHIO.

STEEL, ED. V., & SONS, Breeders of Aberdeen-Angus, R. 2, EAST SPARTA, OHIO.

STUCKEY, CHAS. J., Breeder of Fancy Duroc Jerseys, MECHANICSBURG, OHIO.

TERRELL, TASSO, Breeder of American and Delaine Merinos, NEW VIENNA, OHIO.

THOMAS, T. O., Pure-Bred Large Berkshires Swine, R. 6, FREEPORT, OHIO.

VOGE'S JACK FARM, Jacks, Jennets, Mules and Percherons, EATON, OHIO.

WALKER, DR. H. F., Breeder of Registered Jersey Cattle, WILLIAMSBURG, OHIO.

WALKER, J. F., Woodbine Farm Merino Sheep, GAMBIER, OHIO.

WARSTLER, GEO., & SONS, Registered Holsteins, JUSTUS, OHIO.

WELLINGTON STOCK FARM, Pure-Bred Holsteins, WELLINGTON, OHIO.

WHINNERY, WILLIS, Registered Jerseys, SALEM, OHIO.

WILDERSON, C. G., Pure-Bred Guernsey Cattle, LEETONIA, OHIO.

WILLIAMSON, J. C., Breeder of Oxford Down Sheep, XENIA, OHIO.

WOODSIDE FARMS (W. H. Butler), Percheron Horses, SANDUSKY, OHIO.

YAUSSY, GODFREY, Pure-Bred Holstein Cattle, BUCYRUS, OHIO.

YODER, J. S., Pure-Bred Guernsey Cattle, WOOSTER, OHIO.

ZEHRING, OSCAR O., Prize Winning Holstein-Friesians, GERMANTOWN, OHIO.

ALLISON, A. R., Breeder of Pure-Bred Shorthorn Cattle, MEDFORD, OKLA.

AUSTIN, CHAS., Breeder of Pure-Bred Poland-China Swine, RED OAK, OKLA.

BAKER, T. A., Breeder of Pure-Bred Shorthorn Cattle, WATONGA, OKLA.

BALL, FRED S., Auctioneer, Live Stock and Farm Sales, EL RENO, OKLA.

BARKLEY, G. W., Breeder of Pure-Bred Shorthorn Cattle, SELING, OKLA.

BERNER, J. F., Breeder of Pure-Bred Shorthorn Cattle, GOTEBO, OKLA.

BISHOP, E. F., Breeder of Pure-Bred Shorthorn Cattle, HOBART, OKLA.

BOUSE, R. P., Breeder of Pure-Bred Shorthorn Cattle, HELENA, OKLA.

BRASIER, A. J., Breeder of Pure-Bred Shorthorn Cattle, CLAREMORE, OKLA.

BROWDER, J. A., Breeder of Pure-Bred Shorthorn Cattle, ASHER, OKLA.

BROWNE, V. B., Breeder of Pure-Bred Shorthorn Cattle, MAY, OKLA.

BRYAN, E. M., Breeder of Pure-Bred Shorthorn Cattle, LEEDEY, OKLA.

BUCK, C. I., Registered Hampshire Swine, CANTON, OKLA.

BURNS, J. A., Breeder of Pure-Bred Shorthorn Cattle, NOWATA, OKLA.

CADDO MEBANE COTTON SEED CO., Mebane Triumph Cotton Seed, CADDO, OKLA.

CALLAHAN, E. J., Breeder of Pure-Bred Shorthorn Cattle, LONE WOLF, OKLA.

CAVETT, J. F., Breeder of Pure-Bred Shorthorn Cattle, PAWNEE, OKLA.

CLARK, JOE F. H., Breeder of Duroc Jersey Swine, CUSTER CITY, OKLA.

COMMERCIAL LAND CO., Breeders of Reg. Hereford Cattle, MUSKOGEE, OKLA.

CROSBIE, J. E., Breeder of Pure-Bred Shorthorn Cattle, TULSA, OKLA.

DELLINGER, W. A., Breeder of Pure-Bred Poland-Chinas, FORT COBB, OKLA.

DRUM, F. H., Breeder of Pure-Bred Shorthorn Cattle, BEAVER, OKLA.

ENGRAM, I. A., Breeder of Pure-Bred Shorthorn Cattle, EARLSBORO, OKLA.

FILLMORE, D. H., Breeder of Pure-Bred Shorthorn Cattle, STILLWATER, OKLA.

FINERTY FARMS, Duroc-Jersey Swine, Box 672, OKLAHOMA CITY, OKLA.

GRAHAM, C. A., Breeder of Pure-Bred Shorthorn Cattle, TULSA, OKLA.

HENTHORN, A. J., Breeder of Percheron Horses, OKLAHOMA CITY, OKLA.

HERRIF, E. F., Auctioneer, Live Stock and Farm Sales, APACHE, OKLA.

HILLANDALE FARMS, Duroc-Jersey Swine, R. 5, OKLAHOMA CITY, OKLA.

HOLMAN, H. H., Breeder of Pure-Bred Shorthorn Cattle, WETUMKA, OKLA.

HOPKINS, J. H., Breeder of Pure-Bred Shorthorn Cattle, CASHION, OKLA.

HURT, FLOYD, Live Stock Auctioneer, Pure-Bred Stock, EDMOND, OKLA.

JACKSON, J. H., Pure-Bred Percheron Horses, ENID, OKLA.

KERSHAW, L. R., Aberdeen-Angus Cattle, MUSKOGEE, OKLA.

KIME, CHAS. C., Big-Type Poland-China, R. 2, CHICKASHA, OKLA.

LOOKABAUGH, H. C., Breeder of Shorthorn Cattle, WATONGA, OKLA.

McCORD BROS., Big-Type Poland-China Swine, PAULS VALLEY, OKLA.

MIDDLETON, D. F., Breeder of Pure-Bred Shorthorn Cattle, CUSTER, OKLA.

NORMAN, E. E., Breeder of Pure-Bred Shorthorn Cattle, WEATHERFORD, OKLA.

OGDEN, GEORGE, Breeder of Belgian Hares, DUNCAN, OKLA.

RICHARDSON, D. M., Breeder of Champion Duroc-Jersey Swine, ALTUS, OKLA.

ROSS FRUIT FARM, Strawberries, Blackberries and Dewberries, DURANT, OKLA.

SMYERS, C. W., Breeder of Pure-Bred Shorthorn Cattle, WHEATLAND, OKLA.

TROTTER, JOHN A., Breeder of Pure-Bred Shorthorn Cattle, MANGUM, OKLA.

OKLAHOMA.

AKIN, LEE A., Breeder of Pure-Bred Shorthorn Cattle, WATONGA, OKLA.

WIRICK, J. E., Breeder of Pure-Bred Shorthorn Cattle, CLEO, OKLA.
YODER, W. W., Breeder of Pure-Bred Shorthorn Cattle, BLANCHARD, OKLA.
YOUNG, W. G., Breeder of Duroc-Jersey Swine, R. 2, CANUTE, OKLA.
ZACHARY, W. T., Breeder of Pure-Bred Shorthorn Cattle, MARLOW, OKLA.
ZALONDEK, J. A., Breeder of Pure-Bred Shorthorn Cattle, HILLSDALE, OKLA.
ZELLNER, JOHN A., Breeder of Pure-Bred Poland-Chinas, ARDMORE, OKLA.

OREGON.

ALLEN, JESSE, Breeder of Pure-Bred Shorthorn Cattle, WALLOWA, OREGON.
BARNETT, E. E., Breeder of Pure-Bred Poland-Chinas, PARK PLACE, OREGON.
BARTON, RALPH A., Breeder of Pure-Bred Shorthorns, FRUITA, OREGON.
BLEVANS, S. A., Breeder of Pure-Bred Shorthorn Cattle, JOSEPH, OREGON.
BOYCE, R. E., Breeder of Shorthorn Cattle, BAKER, OREGON.
BOYD, DANIEL, Breeder of Pure-Bred Shorthorn Cattle, ENTERPRISE, OREGON.
BROWN, FRANK, Breeder of Pure-Bred Shorthorn Cattle, CARLTON, OREGON.
BROWN, RANDOLPH, Pure-Bred Ayrshires, R. 3, JUNCTION CITY, OREGON.
BRUGGER, THEO., Brown Swiss Stock Farm, R. R. 3, GRESHAM, OREGON.
BURT, G. W., White Leghorn Baby Chickens, ROSEBURG, OREGON.
CARMICHAEL, THOS., Pure-Bred Holstein Cattle, GASTON, OREGON.
CARY, ED., Pure-Bred Jersey Cattle, CARLTON, OREGON.
CLARK, W. H., Breeder of Pure-Bred Shorthorn Cattle, LENA, OREGON.
CONLEY, ARCHIE, Pure-Bred Chester White Swine, COVE, OREGON.
CRAFT, W. A., Breeder of Pure-Bred Poland-Chinas, SHERIDAN, OREGON.
CUMMINGS, W. O., Breeder of Pure-Bred Shorthorn Cattle, MT. VERNON, OREGON.
DICKSON, J. M., & SON, Ashburn Farm Jerseys, SHEDD, OREGON.
DOERFLER, F. A., Mellow Lawn Jerseys, SILVERTON, OREGON.
EASTERN OREGON JACK FARM, B. F. Swaggart, Prop., LEXINGTON, OREGON.
FOX, RAY J., Breeder of Pure-Bred Poland-China Swine, LYONS, OREGON.
FRUITTS, J. M., Breeder of Hampshire Swine, ENTERPRISE, OREGON.
GRANT, U. S., Breeder of Registered Angoras, DALLAS, OREGON.
GREEN, W. E., Breeder of Pure-Bred Shorthorn Cattle, UNION, OREGON.
HARRISON, J. C., Breeder of Pure-Bred Poland-China Swine, SHEDDS, OREGON.
HUBBARD, J. G. S., & SONS, Hampshire, Southdown and Lincoln Sheep, MONROE, OREGON.
HULBERT, RILEY E., Breeder of Jersey Cattle, ALBANY, OREGON.
HUNTER, A. R., Hunter Ranch Percherons, ISLAND CITY, OREGON.
JOHNSON, ERNEST, Pure-Bred Holstein Cattle, SCAPPOOSE, OREGON.
LADD FARM, Breeder of Jersey Cattle, OSWEGO, OREGON.
Mann, J. M. Milch Goats, Portland, Oregon.
MCARTHUR & STAUFF, Ashwood Farm Jerseys, RICKREAL, OREGON.
METZ—S. METZ & SONS, Percheron, Belgian and Shire Stallions and Mammoth Kentucky Jacks, PENDLETON, OREGON.
MIDDLEDALE FARMS GUERNSEYS, May Rose Breeding, GOSHEN, OREGON.
MORROW, W. O., A. J. C. C. Jersey Cattle, INDEPENDENCE, OREGON.
MOUNTAIN BROOK POULTRY FARM, Mr. and Mrs. W. A. Newton, MYRTLE CREEK, OREGON.
NEEDHAM, FRANK, Breeder of Poland-China Swine, EUGENE, OREGON.

NEUENSCHWANDER, WM., Pure-Bred Yorkshire Swine, GASTON, OREGON.
PICKARD BROS., Golden Glow Jerseys, MARION, OREGON.
PIERCE, F. A., Breeder of Angora Goats, ISOLATE, OREGON.
POLLMAN, WM., Stock and Grain Farmer, P. O. Box 276, BAKER, OREGON.
RHOTEN FARM, Vetch, Clover, Timothy, SALEM, OREGON.
RIDDELL—WM. RIDDELL, JR., Romney Cattle, MONMOUTH, OREGON.
SCHOEL, ED., Blue Ribbon Chester White Swine, SUVER, OREGON.
SENDERS, M., & CO., Red and Alsike Clover, ALBANY, OREGON.
SMITH, "THE CALF MAN," Dairy Calves a specialty, TILLAMOOK, OREGON.
SITON, MRS. E. D., Mammoth White Holland Turkeys, CARLTON, OREGON.
STARK, C. A., Barred Plymouth Rocks, Box 242, SUTHERLIN, OREGON.
STUMP—J. B. STUMP & SON, Jersey Cattle, MONMOUTH, ORE.
STUMP, JNO. B., Angora Goat Breeder, MONMOUTH, OREGON.
WERNER, ERNEST, Breeder of Record Holsteins, AURORA, OREGON.
WESTERNWOLD RANCH, Pure-Bred Holstein Cattle, PRINEVILLE, OREGON.
WILLARD, HERBERT, Pure-Bred Poland-China Swine, DAYTON, OREGON.
WOOD, EARL, Pure-Bred Berkshire Swine, SILVERTON, OREGON.
Zyesett, S. F., Angoras, Thomas, Oregon.

PENNSYLVANIA.

AKELEY, FRANK, Breeder of Pure-Bred Shorthorn Cattle, RUSSELL, PA.
ALBRO, B. C., Breeder of Pure-Bred Shorthorn Cattle, COLUMBUS, PA.
ANDREWS, WM. H., Breeder of Pure-Bred Shorthorns, CONNEAUT LAKE, PA.
ARCADIA FARM, Chester White Swine and Collie Dogs, BALLY, PA.
BAYARD BROS., Breeders of Aberdeen-Angus Cattle, WAYNESBURG, PA.
BONNYMEAD'S FARM, Holstein and Guernsey Cattle, R. 1, HARRISBURG, PA.
CAMPBELL, C. G., Breeder of Pure-Bred Shorthorn Cattle, NEW SHEFFIELD, PA.
CARTER, C. H., Whigtourn Farm, Big-Type Berkshires, WEST CHESTER, PA.
Crestmont Farm, Ayrshires, Sunbury, Pa.
DAVIDSON FARM, Breeder of Pure-Bred Jersey Cattle, R. 3, TARENTUM, PA.
DELCHESTER FARMS (Thos. W. Clark, Manager), Advanced Registry Jersey Cattle, EDGEMONT, PA.
GARRETT, C. W., Breeder of Pure-Bred Poland-China Swine, NEW HOPE, PA.
GRAHAM, WM. B., Breeder of Pure-Bred Shorthorn Cattle, BOLIVAR, PA.
HAMILTON, P. F., Poland-Chinas, Berkshires, Chesters and Poultry, COCHRANVILLE, PA.
HARRINGTON, JOHN R., Breeder of Pure-Bred Shorthorn Cattle, ALBION, PA.
HERMAN, H. LEE, Breeder of Pure-Bred Shorthorn Cattle, LEWISBURG, PA.
LIMBERT, H. S., Breeder of Registered Shorthorn Cattle, CENTRE HALL, PA.
May, L. D., Shorthorns, Granville Center, Pa.
MELOY, REESE, Breeder of Registered Berkshires, WEST ALEXANDER, PA.
MUNCE, R. L., Breeder of Pure Chester White Swine, CANONSBURG, PA.
MYERS, B. F., Breeder of Pure-Bred Holstein Cattle, CHAMBERSBURG, PA.
OTTO, I. V., Pure-bred Holstein Cattle, CARLISLE, PA.
Penshurst Farm, Ayrshires, Narberth, Pa.
RICE, J. W., Pure-Bred and Grade Guernsey Cattle, HARMONSBURG, PA.
RISHEL, W. F., Pure-Bred Berkshire Swine, CENTRE HALL, PA.
SHENANGO RIVER FARMS, Breeder of Duroc-Jerseys, FREDONIA, PA.

STEWART, F., Breeder of Shetlands and Larger Ponies, ESPYVILLE, PA.
 TAGGERT, C. L., Breeder of Aberdeen-Angus Cattle, R. 9, WASHINGTON, PA.
 WALTER, EDWARD, Breeder of Registered Jersey Cattle, WEST CHESTER, PA.
 WHISLER, ELMER D., Chester Whites and Hampshire Sheep, NEWVILLE, PA.
 Zell, J. M., Shorthorns, Conshohocken, Pa.

RHODE ISLAND.

BALLOU, F. S., Breeder of Pure-Bred Shropshire Sheep, SLATERSVILLE, R. 1.
 NORMAN, REGINALD, Breeder of Pure-Bred Dutch Belted Cattle, NEWPORT, R. I.
 PERRY, HENRY W., Breeder of Pure-Bred Ayrshire Cattle, WAKEFIELD, R. I.
 SUNDERLAND, W. L., Breeder of Registered Ayrshire Cattle, EXETER, R. I.
 VANDERBILT, REGINALD C., Breeder of Hackneys, SOUTH PORTSMOUTH, R. I.

SOUTH CAROLINA.

ATCHISON, J. H., Pure-Bred Poland-Chinas, Box 44, R. 1, CHAPPELLS, S. C.
 BARR, H. C., Breeder of Pure-Bred Poland-China Swine, SPRINGFIELD, S. C.
 BREEDEN, J. O., Breeder of Pure-Bred Berkshire Swine, BENNETTSVILLE, S. C.
 BUCKFIELD STOCK FARM, J. E. Clancy, Mgr., Angus Cattle, YEMASSEE, S. C.
 BURGESS, O. M., Breeder of Pure-Bred Poland-Chinas, HICKORY GROVE, S. C.
 COPELAND, A. W., Breeder of Pure-Bred Poland-China Swine, PENDLETON, S. C.
 CROSS ROAD STOCK FARM, A. R. Kohn, Prop., Poland-Chinas, PROSPERITY, S. C.
 DUKES, MARION, Breeder of Pure-Bred Poland-China Swine, ROWESVILLE, S. C.
 DUTCH FORK TRUCK FARM, Large English Tamworths, COLUMBIA, S. C.
 ENTERPRISE COMPANY, INC., Frost Proof Cabbage Plants, SUMTER, S. C.
 HAMPSHIRE HOG FARM, Pure-Bred Hampshire Swine, PROSPERITY, S. C.
 HERRIN, R. L., Breeder of Pure-Bred Poland-China Swine, BISHOPVILLE, S. C.
 HUMPHREISE, J. L., Breeder of Pure-Bred Poland-China Swine, MAYO, S. C.
 KELLETT, J. P., Breeder of Pure-Bred Collie Pups, FOUNTAIN INN, S. C.
 McKEOWN, A. MAYO, Breeder of Pure-Bred Poland-China Swine, CORNWELL, S. C.
 MIDDLETON FARMS, Breeder of Pure-Bred Berkshire Swine, CLARKS HILL, S. C.
 PALMER, B. R. T., Big-Type Poland-China Hogs, R. F. D. 1, McCORMICK, S. C.
 RIDGEVIEW HOLSTEIN - FRIESIAN FARM, J. F. Palmer, Prop., Breeder of Registered Holstein-Friesian Cattle, R. F. D. 1, McCORMICK, S. C.
 RIDGEWOOD FARM, H. D. Jordan, Prop., Holsteins, RIDGE SPRING, S. C.
 SPRING FIELDS FARM, H. Bigelow, Prop., Breeders of Duroc-Jersey Swine, NORTH CHARLESTON, S. C.
 TAYLOR PLANTATION, Breeder of Jersey Cattle of the Best Blood, COLUMBIA, S. C.

SOUTH DAKOTA.

ANDERSON, C. M., Pure-Bred Duroc-Jersey Swine, CONDE, S. D.
 APPLEBY, H. E., Registered Holstein Bulls, ETHAN, S. D.
 ARCADIA FARM (Barron Bros.), Clydesdale Horses, ELKTON, S. D.
 BARBER, E. C., Big-Type Poland-China Hogs, ALPENA, S. D.
 BARKLEY, GEO. E., Queen City Duroc-Jerseys, SIOUX FALLS, S. D.
 BARTELS, C. H., "Prairie View" Duroc-Jerseys, MINA, S. D.
 BARTH, PETER, Breeder of Holstein Cattle, MITCHELL, S. D.
 BATES, A. K., Breeder of Big Duroc-Jerseys, LETCHER, S. D.

BATES, C. B., Pure-Bred Poland-China Swine, LETCHER, S. D.
 BATES, CHAS. F., Pure-Bred Poland-China Swine, LETCHER, S. D.
 BATES, O. A., Pure-Bred Berkshire Hogs, LETCHER, S. D.
 BATES, S. W., Pure-Bred Duroc-Jerseys, LETCHER, S. D.
 BELLE PLAIN YORKSHIRE (SWINE) FARM (W. B. Lawrence & Son), DELAND, S. D.
 BRUNNER, F. J., Big-Type Poland-China Swine, HURLEY, S. D.
 CHESKEY, CHAS. E., Blue Ribbon (Hereford) Stock Farm, SELBY, S. D.
 CLARK, GEO. E., Aberdeen-Angus Cattle, WORTHING, S. D.

CLOVER VIEW FARM (M. P. Bates, Prop.), Breeders of Chester White Hogs and Hereford Cattle, R. 3, LETCHER, S. D.
 CRANE, VANCE, Pure-Bred Hereford Cattle, DE SMET, S. D.
 DAGGETT, L. E., Pure-Bred Poland-China Swine, MT. VERNON, S. D.
 DEXHEIMER, C. P., Sunnyside Stock Farm, Duroc-Jerseys, SPENCER, S. D.
 DILWORTH, FRANK J., Pure-Bred Hampshire Swine, SPENCER, S. D.
 DRALLE, FRED, River Bank Stock Farm, Poland-Chinas, MISSION HILL, S. D.
 DUNMIRE, J. M., SONS, Pure-Bred Percherons, SCOTLAND, S. D.
 EAGLE, W. S., & SON, Clover Croft Hereford Cattle, WESSINGTON SPRINGS, S. D.
 EDELMAN & SONS, Pure-Bred Shorthorn Cattle, MENNO, S. D.
 ERION, H. H., Golden Rock Duroc-Jerseys, ROCKHAM, S. D.
 ERION, J. M., Breeder of Chester White Swine, MITCHELL, S. D.
 ESTABROOK, L. A., Breeder of Pure-Bred Percherons, Shorthorns and Poland-Chinas, CUTHBERT, S. D.
 EXCELSIOR STOCK FARM (A. G. Robish & Sons), Herefords and Polands, HAZEL, S. D.
 FORD HORSE IMPORTING CO., Percherons and Belgians, PARKER, S. D.
 GALE RIDGE STOCK FARM, A. A. Duncan, Prop., Poland-Chinas, EGAN, S. D.
 GILBERTSON, E. O., Red Polled Cattle and Duroc-Jerseys, IRENE, S. D.
 GILLILAND BROS., Grand View Hereford Cattle, YANKTON, S. D.
 GINSBACH, FRANK, Hereford Cattle and Duroc Swine, DELL RAPIDS, S. D.
 GLENN, JOHN, & SON, Golden Willow Poland-China Swine, CANISTOTA, S. D.
 GRAVES, C. E., "Sprucelawn" Duroc-Jerseys, FULTON, S. D.
 GROTH, H. E., Aberdeen-Angus Cattle, FAIRVIEW, S. D.
 HILL, W. S., Pure-bred Red Polled Cattle, ALEXANDRIA, S. D.
 HILMOE, JOHN, "Pioneer Hill" Poland-Chinas, R. 4, COLMAN, S. D.
 HOMMERSAND, M. A., Pure-Bred Percheron Horses, ARLINGTON, S. D.
 IVERSON BROS., Salesmen Pure-Bred Stock, Box 17, SIOUX FALLS, S. D.
 JACKSON & WHITE, Urbandale Shorthorns, HURLEY, S. D.
 JACOBUS, L. B., Hereford Cattle and Duroc Swine, LETCHER, S. D.
 KENWARD, P. O., Shorthorns and Poland-Chinas, BROOKINGS, S. D.
 KIRCHENMAN, T. H., Breeder of Big-Type Poland-Chinas, FREEMAN, S. D.
 KNUTSON, COL. HENRY, Live Stock and Real Estate Auctioneer, WAKONDA, S. D.
 KREGER, MRS. CHAS., XL Hereford (Breeding) Ranch, WATERTOWN, S. D.
 LANGLEY, S. R., Pure-bred Shropshire Sheep, WITTEN, S. D.
 LARSON, JACOB, Breeder of Improved Duroc-Jersey Swine, ETHAN, S. D.
 LARSON, O. S., Big-Type Poland-Chinas, MT. VERNON, S. D.

LIEN BROS., Duroc Jerseys and Short-horns,
 FLATTE, S. D.
 LINDBERG, A. V., Breeders of Duroc-Jerseys, R. 1,
 LANGFORD, S. D.
 LUND, J. N. P., Breeder of Duroc-Jersey Swine,
 GAYVILLE, S. D.
 McPHERSON, R. B., Pure-Bred Hereford (Anxiety) Cattle,
 STURGIS, S. D.
 MAGNESS BROS., Auctioneers Pure-Bred Live Stock,
 ST. LAWRENCE, S. D.
 MAGNESS, DICK, Pure-Bred Live Stock Auctioneer,
 DE SMET, S. D.
 MANDEVILLE, M. M., Oakdale Aberdeen-Angus Cattle,
 AURORA, S. D.
 MATSON, W. L., Breeder of Duroc-Jersey Swine,
 VERMILLION, S. D.
 METTLER, ANDREW J., Clover Leaf Hereford Cattle,
 MENNO, S. D.
 NASH, HUGH B., Pure-Bred Duroc-Jersey Swine,
 REDFIELD, S. D.
 NELSON, CHRIS. T., Duroc-Jersey Swine, R. 2,
 VERMILLION, S. D.
 NIMS, F. L., Breeder of Riverside Duroc-Jersey Swine,
 CANTON, S. D.
 PENALUNA, J. S., & SON, Angus Cattle and Duroc Swine,
 LETCHER, S. D.
 PETTIGREW, CHARLES E., & SON, Polled and Horned Herefords,
 FLANDREAU, S. D.
 PINARD, L. A., Pure-Bred Hereford Cattle,
 WESSINGTON SPRINGS, S. D.
 PLAINVIEW STOCK FARM (Fargo & Myers, Props.), Mule-Foot Hogs,
 REDFIELD, S. D.
 PONTO, F. W., Big-Type Poland-Chinas, BROOKINGS, S. D.
 POST, F., Breeder of Duroc-Jerseys, South Minn. Ave.,
 SIOUX FALLS, S. D.
 RAYMOND, C. F., Pure-Bred Hereford Cattle,
 MITCHELL, S. D.
 REZAC, JOS. J., Pure-Bred Hereford Cattle,
 TABOR, S. D.
 RICK, A. H., Pure-Bred Poland-China Hogs,
 PLANKINGTON, S. D.
 RIGGS IRRIGATION CO., Pure-Bred Hereford Cattle, OAHE (HUGHES CO.), S. D.
 RIVERSIDE STOCK FARM (R. J. Weiland), Percheron Horses, Shorthorn and Polled Durham Cattle and Duroc-Jersey Hogs,
 CANISTOTA, S. D.
 RIVER VIEW STOCK FARM, Pure-Bred Holstein Cattle,
 HUDSON, S. D.
 ROHWEDER & DAHL, Lakewood Farm Belgian Horses,
 GOODWIN, S. D.
 RUSKELT, L. E., Pure-Bred Duroc-Jerseys,
 ROCKHAM, S. D.
 RYAN, F. L., Pure-Bred Poland-Chinas, FLANKINTON, S. D.
 SAND ELM STOCK FARM, Pure-Bred Holstein Cattle,
 MITCHELL, S. D.
 SANDO BROS., Paramount Stock Farm, Breeders of Pure-Bred Shorthorn Cattle and Duroc-Jersey Swine,
 COLTON, S. D.
 SANDO, W. W., Live Stock Auctioneer, COLTON, S. D.
 SECHSER STOCK FARM, J. M. Sechser, Mgr., Duroc-Jerseys, SIOUX FALLS, S. D.
 SHANKS, W. G., Cloverdale Hereford Farm,
 LAKE PRESTON, S. D.
 SHAW, GEO. M., Live Stock Auctioneer, CASTLEWOOD, S. D.
 SIMANTEL, GEO. JR., Pure-Bred Hereford Cattle,
 SCOTLAND, S. D.
 SMITH, JOHN F., Breeder of Poland-China Swine, R. 3, FLANDREAU, S. D.
 SNIDER, A. L., Breeder of Chester White Swine,
 LETCHER, S. D.
 SOLEM, O. O., Pure-Bred Duroc-Jersey Swine,
 VOLIN, S. D.
 SPLONSKOWSKI, CHAS., Pure-Bred Holstein Cattle,
 MARION, S. D.
 STREETER, W. S., Pure-Bred Hereford Cattle,
 GROTON, S. D.
 STUNES, CHAS., Pure-Bred Duroc-Jerseys, LETCHER, S. D.
 TEST, A. F., Pure-Bred Holstein Cattle, MITCHELL, SOUTH DAKOTA.
 THOMPSON, A. C., Chester Whites and Shorthorns,
 HETLAND, S. D.

TIMM, H. G., Pure-Bred Aberdeen-Angus Cattle,
 WAGNER, S. D.
 TRIPP, J. M., Live Stock Auctioneer, RAMONA, S. D.
 TURNOVEC, JAMES, Jackson Dale Farm Duroc-Jerseys,
 GEDDES, S. D.
 TYLER, A. B., Breeder of Pure-Bred Cattle,
 DRAPER, S. D.
 UFFORD, W. A., & SONS, Wayside Farm Chester White Swine, VERMILLION, S. D.
 UKEN, JULIUS, Breeder of Duroc-Jersey Swine,
 SPRINGFIELD, S. D.
 VESSEY, ALEX, Hereford Cattle and Duroc-Jersey Hogs,
 TRIPP, S. D.
 WARRINER, HOWARD, Pure-bred Chester White Swine,
 BRUCE, S. D.
 WEBB, R. W., Breeder of Sunnyside Holstein Cattle,
 ABERDEEN, S. D.
 WEELDREYER, H. A., Breeder of Big-Type Poland-Chinas,
 EMERY, S. D.
 WEERT WEERTS & SON, Pure-Bred Poland-Chinas,
 BANCROFT, S. D.
 WENDLING, C. R., & SON, Imperial Stock Farm Duroc-Jerseys,
 HAZEL, S. D.
 WESTERN SOUTH DAKOTA STOCK GROWERS' ASSOCIATION, F. M. Stewart, Secretary,
 BUFFALO GAP, S. D.
 WICKRE, H. O., & SONS, Herefords and Duroc-Jerseys,
 WEBSTER, S. D.
 WILLIAMS BROS., Fairview Farm Duroc-Jerseys, R. 3,
 LAKE PRESTON, S. D.
 WILSON, H. A., Duroc-Jersey Swine,
 SPENCER, S. D.
 WOITTE, BERY, Pure-Bred Berkshire Swine,
 MILBANK, S. D.
 WOOLF-CROMER CATTLE COMPANY, Hereford Cattle,
 ABERDEEN, S. D.
 ZOLLMAN, P. A., Dakota Farm Duroc-Jerseys and Holsteins, MITCHELL, S. D.

TENNESSEE.

AMES PLANTATION, Aberdeen - Angus Cattle,
 GRAND JUNCTION, TENN.
 ANDREWS, J. W., Breeder of Pure-Bred Shorthorn Cattle,
 MARTHA, TENN.
 BEE DEE EGG FARM, Breeders of S. C. White Leghorns, CHATTANOOGA, TENN.
 BROWN, A. L., Breeder of Pure-Bred Shorthorn Cattle,
 WOODBURG, TENN.
 BURNS, L. L., Breeder of Pure-Bred Shorthorn Cattle,
 MARTHA, TENN.
 CARPENTER, W. H., & SONS, Pure-Bred Berkshire Swine, BRUSH CREEK, TENN.
 CARSON, C. B., Breeder of Pure-Bred Shorthorn Cattle, LIMESTONE, TENN.
 Davidson, H. C., Angoras, Eldridge, Tenn.
 ELEAZER, GEO., Pure-Bred Shorthorn Cattle,
 DICKSON, TENN.
 ELM LEAF FARMS (J. B. White, Prop.), Poland-China Swine, WHITE PINE, TENN.
 GETTYS, W., Breeder and Importer of Jersey Cattle,
 ATHENS, TENN.
 GREEN, L. B., Breeder of Pure-Bred Shorthorn Cattle, WINCHESTER, TENN.
 JOHNSON, ASHLEY S., Breeder of Holsteins, KIMBERLIN HEIGHTS, TENN.
 LESPEDEZA FARM, R. H. Scott, Manager, Breeders of Shorthorn Cattle,
 HICKORY VALLEY, TENN.
 McKEE, ALEX, Breeder of Pure-Bred Shorthorn Cattle,
 LASCASSIS, TENN.
 MARKS & DAVIS, Breeders of Real, Big-Type Poland-Chinas, BUNTYN, TENN.
 MOSS, T. J., Big-Type Poland-China Pigs, SELMER, TENN.
 Smith, Chas. M. S., Shorthorns, Rogersville, Tenn.
 SPRING VALLEY DUROC FARMS (C. C. Berry, Manager), SPRINGFIELD, TENN.
 VIDMAR FARM, Breeder of Pure-bred Shorthorn Cattle, FOREST HILL, TENN.
 WARD, A. B., Mammoth Bronze Turkeys, R. 11, Box 8, LEBANON, TENN.
 WENONAH FARMS (B. P. Evans, Mgr.), Aberdeen-Angus Cattle, Shropshire Sheep and Hampshire Hogs, SHELBYVILLE, TENN.

TEXAS.

ALBRIGHT, ALEX, Breeder of Karakule Karalines Sheep, DUNDEE, TEXAS.
 ANDREWS, W. R., Breeder of Pure-Bred Poland-China Swine, CHILDRESS, TEXAS.
 ANSON, WM., Breeder of Quarter Horse Stallions, SAN ANGELO, TEXAS.
 BAILEY, W. A., Breeder of Pure-Bred Poland-Chinas, WEATHERFORD, TEXAS.
 BALL, FRED S., Auctioneer, Live Stock and Farm Sales, EL RENO, TEXAS.
 BARBER, C. R., Anxiety, 4th, Line-Bred Hereford Cattle, HEREFORD, TEXAS.
 BARRETT & DUNN, Breeders of Poland-China Swine, NORMANGEE, TEXAS.
 BARRY, KOSS., Breeder of Aberdeen-Angus Cattle, MERIDIAN, TEXAS.
 BECK, F., Breeder of Delaine Merino Sheep, COLEMAN, TEXAS.
 BEEVER, GEO. H., Polled Durham and Shorthorn Cattle, PEARSALL, TEXAS.
 BISHOP, W. A., Breeder of Pure-Bred Shorthorn Cattle, KAUFMAN, TEXAS.
 BLAKEY, W. H., Pure-Bred Duroc-Jersey Swine, SEALY, TEXAS.
 BOBBITT, J. A., Plum Hill Jersey Cattle, HILLSBORO, TEXAS.
 BODEMANN, G., Early Mebane Triumph Cotton Seed, LOCKHART, TEXAS.
 BOERNER & PENNEY, Breeders of Duroc-Jersey Swine, LUBBOCK, TEXAS.
 BOOG-SCOTT, J. E., Breeder of Pure-Bred Hereford Cattle, COLEMAN, TEXAS.
 BRADSHAW, D. H., Breeder of Pure-Bred Shorthorn Cattle, BRADSHAW, TEXAS.
 BRANNAN, J. N., Breeder of Pure-Bred Shorthorn Cattle, SANCO, TEXAS.
 BRIDGE, L. S., Farmer-Stockman, R. R. No. 2, QUANAH, TEXAS.
 BROOKE, J. A., Breeder of Pure-Bred Shorthorn Cattle, FALFURRIAS, TEXAS.
 BROOME, FARR & LEE, Pure-Bred Hereford Cattle, SAN ANGELO, TEXAS.
 BROTHERTON, L. S., & SON, Shorthorn Cattle, R. 2, Station A, DALLAS, TEXAS.
 BROWN, F. A., Breeder of Aberdeen-Angus Cattle, HONDO, TEXAS.
 BROWN, LOUIA B., Breeder of Pure-Bred Shorthorn Cattle, SMITHFIELD, TEXAS.
 BURGESS, JOHN, Breeder of Pure-Bred Shorthorn Cattle, FORT WORTH, TEXAS.
 BURNHAM, H. S., Breeder of Pure-Bred Shorthorn Cattle, FARWELL, TEXAS.
 CALLOWAY, M., & SON, Breeders of Shorthorn Cattle, FORT WORTH, TEXAS.
 CAMPBELL, J. M., Breeder of Pure-Bred Shorthorn Cattle, RICHARDSON, TEXAS.
 CARR, R. N., Duroc-Jersey Swine, 812 North Beckley, DALLAS, TEXAS.
 CARTER, JOHN W., Breeder of Pure-Bred Hereford Cattle, JERMYN, TEXAS.
 CAUSEY, C. W., Breeder of Pure-Bred Poland-China Swine, BARDWELL, TEXAS.
 CHARBONNEAU, WM., Texas-Raised Percherons, R. 2, FORT WORTH, TEXAS.
 CHITWOOD, JOHN O., Breeder of Pure-Bred Shorthorn Cattle, HASKELL, TEXAS.
 CLIFT, F. N., Breeder of Pure-Bred Shorthorn Cattle, PLAINVIEW, TEXAS.
 COLBERT, R. V., & SON, Pure-Bred Cattle, STAMFORD, TEXAS.
 COFFMAN, J. F., Pure-Bred Poland-China Swine, R. 1, FARMERSVILLE, TEXAS.
 COLBERT, R. V., & SON, Breeders of Hereford Cattle, STAMFORD, TEXAS.
 COLEMAN, R. F., Pure-Bred Poland-China Hogs, CAMERON, TEXAS.
 COLEMAN-FULTON PASTURE CO., Breeders of Shorthorns, GREGORY, TEXAS.
 CONNOR, JOHN M., Sunny Brook Farm, Duroc-Jerseys, WACO, TEXAS.
 COWDEN, G. F., & SON, Breeders of Aberdeen-Angus Cattle, MIDLAND, TEXAS.
 COX—R. M. Cox & Son, Breeders of Aberdeen-Angus Cattle, WACO, TEXAS.
 CRAWFORD, HOWARD, Breeder of Pure-Bred Poland-Chinas, GOODNIGHT, TEXAS.

CRESSWELL, GERARD O., Breeder of Aberdeen-Angus Cattle, OPLIN, TEXAS.
 CREWS BROS., Pure-Bred Hereford Cattle, CHILDRESS, TEXAS.
 CRITES, E. B., Breeder of Shorthorn Cattle, GRANBURY, TEXAS.
 DAVIS, BOB, Registered Angora Goats, RIO FRIO, TEX.
 DAY, J. F., Breeder of Pure-Bred Shorthorn Cattle, RHOME, TEXAS.
 DAY, J. T., Breeder of Pure-Bred Shorthorn Cattle, RHOME, TEXAS.
 DOLE, W. S., Breeder of Registered Shorthorn Cattle, LAGUNA, TEXAS.
 DONALD, D. S., Breeder of Pure-Bred Shorthorn Cattle, KRUM, TEXAS.
 DONALD, R. L., Breeder of Pure-Bred Shorthorn Cattle, LEWISVILLE, TEXAS.
 EDMONDSON, NAT., Big-Type Poland-China Swine, BONHAM, TEXAS.
 EUBANK, W. H., Pure-Bred Poland-China Swine, MAUD, TEXAS.
 FERGUSON, GOVERNOR JAMES E., Aberdeen-Angus Cattle, TEMPLE, TEXAS.
 FIDLER, D. W., Breeder of Pure-Bred Shorthorn Cattle, CRESSON, TEXAS.
 FLOWERDALE FARM, Drs. Flowers, Props., Tamworth and Hampshire Swine, DALLAS, TEXAS.
 FORTENBERRY, L. J., Breeder of Duroc-Jersey Swine, HONE OAK, TEXAS.
 FRENCH, L. M., Registered Poland-Chinas, R. 1, COMO, TEXAS.
 FROST, WM., Breeder of Duroc-Jersey Swine, MINERAL WELLS, TEXAS.
 GAINES & SLAUGHTER, Breeders of Poland-China Swine, SAN JUAN, TEXAS.
 GAMMON, J. T. S., Breeder of Shorthorn Cattle, KERRVILLE, TEXAS.
 GATES, THOMAS, Pure-Bred Poland-China Swine, SAN MARCOS, TEXAS.
 GILES, ALFRED, Breeder of Aberdeen-Angus Cattle, SAN ANTONIO, TEXAS.
 GOODMAN VALLEY FARM, Herefords, Shropshires and Shetlands, WACO, TEXAS.
 GOODNIGHT, CHARLES, Pioneer Cattle Raiser and Buffalo Ranch, GOODNIGHT, TEX.
 GRANT, R. M., Registered Duroc-Jersey Swine, CLAIRETTE, TEXAS.
 GREEN, JOS. F., Breeder of Pure-Bred Shorthorn Cattle, GREGORY, TEXAS.
 HALFT, HENRY M., Breeder of Made-in-Texas Herefords, MIDLAND, TEXAS.
 HALL, J. T., Prize-Winning Poland-Chinas, HACIENDA, TEXAS.
 HARRISON, STUART, Breeder of Shorthorn Cattle, ARLINGTON, TEXAS.
 HENRY, J. W., Eldorado Farm Vitality Rowden Cotton, MOSHEIM, TEXAS.
 HESTAND, J. C., & SON, Breeders of Duroc-Jersey Swine, SHERMAN, TEXAS.
 Higler, W. R., Angoras, Fryole, Texas.
 HILL—SAM H. HILL & SON, Aberdeen-Angus Cattle, CHRISTOVAL, TEXAS.
 HOUSTON, EDWIN, Pure-Bred Berkshire Swine, WELFARE, TEXAS.
 HOVENCAMP, J. F., & SON, Breeders of Shorthorn Cattle, FORT WORTH, TEXAS.
 HOWARD, R. L., Registered Poland-China Swine, PLANO, TEXAS.
 IKARD, W. S., Breeder of Pure-Bred Hereford Cattle, HENRIETTA, TEXAS.
 JARVIS, VAN ZANDT, Pure-Bred Shorthorn Cattle, FORT WORTH, TEXAS.
 JEFFERIES, J. D., Belgian Grade Mares and Colts, CLARENDON, TEXAS.
 JONES, JACK F., Big-Bone Poland-China Swine, DODSONVILLE, TEXAS.
 JOWELL & IVEY, Breeders of Anxiety, 4th, Herefords, HEREFORD, TEXAS.
 KEISER, C. O., Pure-Bred Hereford Cattle, CANYON, TEXAS.
 KEITH, W. J., Breeder of Pure-Bred Shorthorn Cattle, JACKSBORO, TEXAS.
 KING, G. E., Breeder of Shorthorn Cattle, TAYLOR, TEXAS.
 KLEBERG, ROBERT J., "Santa Gertrudes Jerseys," KINGSVILLE, TEXAS.

KNOX, JAMES W., Breeder of Aberdeen-Angus Cattle, JACKSBORO, TEXAS.
 LAAS, C. J., Breeder of Duroc-Jersey Swine, BURTON, TEXAS.
 LANDRUM, F. O., Pure-bred Angoras, LAGUNA, TEXAS.
 LEE BROS., Pure-Bred Hereford Cattle, SAN ANGELO, TEXAS.
 LEWIS, L. P., Grower of Red Rust Proof Oats, ADDISON, TEXAS.
 LILLARD, GEO. P., Duroc-Jerseys and Berkshires, SEGUIN, TEXAS.
 LIVINGSTON, A. V., Pure-bred Merino Sheep, Delaine Type, TALPA, TEXAS.
 LONE STAR HOG FARM (Pole Humphrey) Poland-Chinas, CLARKSVILLE, TEXAS.
 LOONEY, B. F., & SON, Pure-Bred Jersey Cattle, COMMERCE, TEXAS.
 LOW—W. G. LOW, JR., Breeder of Registered Herefords, BROWNWOOD, TEXAS.
 MCKEAN, J. P., Breeder of Togenburg Milch Goats, THOMPSONS, TEXAS.
 McLAIN, J. J., Breeder of Duroc-Jersey Swine, ANNA, TEXAS.
 MALONEY, CHAS., Breeder of Pure-Bred Shorthorn Cattle, HASLET, TEXAS.
 MANN, J. W., Registered Red Polled Cattle, Jacks and Jennets, Shropshire Sheep, Angora Goats and Duroc Hogs, Box 431, WACO, TEXAS.
 METCALFE—CHARLES B. METCALFE & SON, Pure-Bred Shorthorn Cattle, SAN ANGELO, TEXAS.
 MILLER, GEORGE, Breeder of Pure-Bred Shorthorn Cattle, BEEVILLE, TEXAS.
 MILLER, J. DOSS, & SON, Pure-Bred Shorthorn Cattle, DE LEON, TEXAS.
 MOORE—W. J. MOORE & SON, Registered Hereford Cattle, SAN SABA, TEXAS.
 MYERS, W. H., Pure-Bred Hereford Cattle, HENRIETTA, TEXAS.
 NELSON, HARRY A., Big-Type Poland-Chinas, MIAMI, TEXAS.
 NUTS DUROC-JERSEY FARM, also Jersey Cows, GRANBURY, TEXAS.
 PARKER, W. S., Pure-Bred Poland-China Swine, RICE, TEXAS.
 PARKSIDE HOG FARM, Breeder of Duroc-Jersey Swine, GRANBURY, TEXAS.
 PEGUES—MRS. H. M. PEGUES & SON, Pure Hereford Cattle, ODESSA, TEXAS.
 PERMINTER, E. W., Aberdeen-Angus Breeders' Ass'n, BIG SPRINGS, TEXAS.
 RABY, J. R., Breeder of Pure-Bred Shorthorn Cattle, GATESVILLE, TEXAS.
 RHEA BROS. & CLINE, Breeders of Pure-Bred Shorthorn Cattle, OVALO, TEXAS.
 RED RIVER STOCK FARM, Duroc-Jersey Swine, DENISON, TEXAS.
 RIDDELL, L. W., Breeder of Angora Goats, LINGLEVILLE, TEX.
 RILEY, F. B., Breeder of Aberdeen-Angus Cattle, FREDERICKSBURG, TEXAS.
 ROBINSON, W. A., Prize-Winning Poland-Chinas, CAMERON, TEXAS.
 SCOFIELD, FRANK, Pure-Bred Shorthorn Cattle, HILLSBORO, TEXAS.
 SCHOLL—LOUIS H. SCHOLL APIARIES, Producers of Comb and Extracted Honey and Beeswax, NEW BRAUNFELS, TEXAS.
 SELLMAN, RICHARD, Pure-Bred High Quality Morgan Horses, ROCHELLE, TEXAS.
 SETTLES, W. R., Concho Valley Hereford Cattle, LEES, TEXAS.
 SEWELL, HOMER B., Breeder of Pure-Bred Poland-Chinas, JACKSBORO, TEXAS.
 SHARPE, ED., Pure-Bred Shorthorn Cattle, WOLFE CITY, TEXAS.
 SHEPPARD, J. W., Jacks, Jennets and Mules, PLANO, TEXAS.
 SIMS, N. B., Breeder of Registered Shorthorn Cattle, SAN SABA, TEXAS.
 SINGLETON, S. F., Pure-Bred Hereford Cattle, TAHOKA, TEXAS.
 SMALL, E. H., Breeder of Aberdeen-Angus Cattle, SHAMROCK, TEXAS.
 SMILEY, M. L., Breeder of Pure-Bred Shorthorn Cattle, BROOKSTON, TEXAS.

SMITH, W. A., Big-Type Poland-China Swine, R. 2, SHERMAN, TEXAS.
 SMOOT, CHAS. H., Pure-Bred Shropshire Sheep, DENTON, TEXAS.
 SPENCER, W. E., Breeder of Shorthorn Cattle, ROTAN, TEXAS.
 STAR CATTLE CO., Holstein Cattle, 2310 North Main St., FORT WORTH, TEXAS.
 STEHLING, EMIL, Stock Farm, R. F. D. 1, Box 53, MORRIS RANCH, GILLESPIE CO., TEXAS.
 STOKES, J. V., Breeder of Pure-Bred Hereford Cattle, MIDLAND, TEXAS.
 SULLIVAN, ROY, Pure-Bred Poland-China Swine, LOUISE, TEXAS.
 SWENSON BROS., F. S. Hastings, Mgr., S. M. S. Herefords, STAMFORD, TEXAS.
 TAFT RANCH (Jos. F. Green, Supt.), Shorthorns and Herefords, TAFT, TEXAS.
 THOMPSON BROTHERS, Breeders of Shorthorn Cattle, TRINITY, TEXAS.
 TRIGG—K. M. TRIGG, JR., Breeder of Shorthorn Cattle, BASTROP, TEXAS.
 WALKER, J. D., Breeder of Pure-Bred Shorthorn Cattle, MINERAL WELLS, TEXAS.
 WALLACE, DON, Pure-Bred Duroc-Jersey Swine, WHITEWRIGHT, TEXAS.
 WARD, J. A., Breeder of Angora Goats, SONORA, TEXAS.
 WILLIS, M. E., Breeder of Prize-Winning Duroc-Jerseys, CAMPBELL, TEXAS.
 WINN, WELTON, Polled and Horned Hereford Cattle, MULESHOE, TEXAS.
 WITT, E. L., & SONS, Blue Ribbon Angora Goats, MONTELL, TEXAS.
 YANCEY, J. T., Big-Type Poland-China Swine, CAMPBELL, TEXAS.
 YOUNG, DAVID C., Breeder of Pure-Bred Shorthorn Cattle, GRANGER, TEXAS.
 ZOLLNER, MATT, Breeder of Pure-Bred Shorthorn Cattle, FATE, TEXAS.

UTAH.

BAGLEY, JAMES, Breeder of Pure-Bred Shorthorn Cattle, GREENWICH, UTAH.
 CARLISLE, JOHN W., Breeder of Pure-Bred Shorthorns, MIDVIEW, UTAH.
 CHRISTENSEN, REUBEN, Breeder of Pure-Bred Shorthorns, GUNNISON, UTAH.
 COX, WM. M., Breeder of Pure-Bred Shorthorn Cattle, MANTI, UTAH.
 DAWSON, JAMES A., Breeder of Pure-Bred Shorthorns, HEBER CITY, UTAH.
 ERICKSON, MATHIAS, Breeder of Pure-Bred Shorthorn Cattle, SALINA, UTAH.
 EXCELSIOR STOCK FARM (J. R. Allen & Bros.), Breeders of Cotswolds and Hampshires with Show Records, DRAPER, UTAH.
 FRIESE, DANIEL, Breeder of Pure-Bred Shorthorn Cattle, SALINA, UTAH.
 GAGON, W. H., JR., Registered Angoras, MYTON, UTAH.
 GRIBBLE, W. J., Breeder of Pure-Bred Shorthorn Cattle, GUNNISON, UTAH.
 JENSEN, ANTONE, Breeder of Pure-Bred Shorthorn Cattle, CENTERFIELD, UTAH.
 MELLOR, E. J., Breeder of Pure-Bred Shorthorn Cattle, FAYETTE, UTAH.
 NELSON, J. R., Breeder of Pure-Bred Shorthorn Cattle, MIDVIEW, UTAH.
 ROBERTS BROS., Breeders of Pure-Bred Shorthorn Cattle, GUNNISON, UTAH.
 Robison, Joseph, Angoras, Green River, Utah.
 WHITTAKER, TAYLOR, Breeder of Pure-Bred Shorthorns, CIRCLEVILLE, UTAH.

VERMONT.

AUSTIN, A. A., Breeder of Pure-Bred Shorthorn Cattle, NEWFANE, VT.
 BARBER, DANIEL M., Breeder of Pure-Bred Shorthorns, BRATTLEBORO, VT.
 BARNES, HARRY A., Breeder of Pure-Bred Shorthorns, SAXTONS RIVER, VT.
 BILLINGS FARM, Breeder of Pure-Bred Berkshire Swine, WOODSTOCK, VT.
 BISSELL, E. N., Breeder of Vermont Merinos, EAST SHOREHAM, VT.

CARY, GEO. C., Breeder of Pure-Bred Shorthorn Cattle, ST. JOHNSBURG, VT.
 CLARK, WINSLOW, Breeder of Pure-Bred Shorthorn Cattle, SHOREHAM, VT.
 COMPTON, ELMER, Breeder of Hampshire Down Sheep, NORTH CLARENDON, VT.
 HAMILTON, J. C. S., Vermont Merinos, R. R. 1, VERGENNES, VT.
 HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA, Box 255, Brattleboro, Vt.
 JAMESON, J. THOS., Breeder of Pure-Bred Shorthorns, WILLIAMSTOWN, VT.
 JORDAN, O. W., Breeder of Pure-Bred Shorthorn Cattle, WINDSOR, VT.
 KELLEY, ERNEST L., Breeder of Pure-Bred Shorthorn Cattle, SALISBURY, VT.
 LADD, C. N., Breeder of Pure-Bred Shorthorn Cattle, ORVELL, VT.
 MOON, OWEN, JR., Breeder of Hampshire Down Sheep, SOUTH WOODSTOCK, VT.
 PALMER, L. E., Breeder of Pure-Bred Shorthorn Cattle, WAITSFIELD, VT.
 RAND, RAY J., Breeder of Pure-Bred Shorthorn Cattle, BELLOW FALLS, VT.
 SIMPSON, E. A., Breeder of Pure-Bred Shorthorn Cattle, LYNDONVILLE, VT.
 WITHERELL, CHARLES R., Vermont Merino Sheep, SHOREHAM, VT.

VIRGINIA.

ALLEN, DR. S. M., Breeder of Pure-Bred Shorthorn Cattle, BERRYVILLE, VA.
 BEN LOMOND FARM, Breeder of Supreme Berkshires, ROCK CASTLE, VA.
 BROAD ACRES FARM, Sam Sullivan & Son, Holstein Cattle and Duroc-Jersey Swine, BRANDY STATION, VA.
 BOWEN, T. T., Breeder of Pure-Bred Shorthorn Cattle, ELKTON, VA.
 BROMLEY, W. S., Breeder of Pure-Bred Shorthorn Cattle, BERRYVILLE, VA.
 BUCKLAND HALL ESTATE, Berkshire Swine, Dorset Sheep, GAINESVILLE, VA.
 CARNES, W. W., Breeder of Pure-Bred Shorthorn Cattle, CARTERSVILLE, VA.
 CASSELL, S. SIDNEY, Breeder of Pure-Bred Shorthorns, RURAL RECREAT, VA.
 COCKE, ELVIN L., Genuine Duroc-Jersey Swine, BUMPASS, VA.
 COFFMAN, L. B., Breeder of Pure-Bred O. I. C. Swine, R. 3, STAUNTON, VA.
 COX, ELLIS, Breeder of Pure-Bred Shorthorn Cattle, OLDTOWN, VA.
 CRABILL, H. S., Registered Holstein Cattle, TOMS BROOK, VA.
 CRENSHAW, MISSES, Breeders of Registered Hereford Cattle, RAPIDAN, VA.
 CRENSHAW, W. G., JR., Breeder of Holstein-Friesian Cattle, ORANGE, VA.
 DUKE, CAMMANN C., Pure-Bred Duroc-Jerseys, R. 2, CHARLOTTESVILLE, VA.
 DULIN, H. S., Breeder of Guernsey Cattle, BLUEMONT, VA.
 EVERGREEN FARMS, W. B. Gates, Prop., Breeder of Registered Jerseys, RICE, VA.
 GARBER, G. E., Breeder of Pure-Bred Shorthorn Cattle, SANGERVILLE, VA.
 GRAYBILL, IRVIN D., Mill Creek Farm, Pure-Bred Holsteins, TROUTVILLE, VA.
 HEATWOLE, JOHN E., 25 Best Breeds of Poultry, HARRISONBURG, VA.
 HOLLAND, EDW., Breeder of Holstein-Friesian Cattle, EASTVILLE, VA.
 ISBELL, B. T., Pure-Bred Duroc-Jerseys, BUMPASS, VA.
 JONES, E. W., Pure-Bred Poland-China Swine, WOODLAWN, VA.
 LITTLE FALLS FARM, Holstein-Friesian Cattle, FREDERICKSBURG, VA.
 KINCAID, JOHN F., Breeder of Pure-Bred Polled Hereford Cattle, LEESBURG, VA.
 LOUDOUN COUNTY BREEDERS' ASSOCIATION, F. H. James, Jr., Sale Manager, PURCELLVILLE, VA.
 MARTINDALE, R. V., Holstein-Friesian Cattle, SWEET BRIAR, VA.
 MASON, D. W., Breeder of Pure-Bred Shorthorn Cattle, RIPPLEMEADE, VA.

MONTCAIDBY STOCK FARM, Jno. F. Kincaid, Prop., Breeder of Horned and Polled Hereford Cattle, LEESBURG, VA.
 MONTROSE FARM, Breeder of Large Tamworth Hogs, ORANGE, VA.
 MORVEN PARK STOCK FARM, Westmoreland Davis, Owner, Royally Bred Young Guernsey Cattle, LEESBURG, VA.
 OAK FOREST FARM, Breeder of Duroc-Jersey Swine, ELBERON, VA.
 OWEN, W. J., Breeder of Pure-bred O.I.C. Swine, BEDFORD, VA.
 PHILLIPS, C. R., Registered Duroc-Jersey Swine, WARREN, VA.
 RIGGS FARM, Pure-Bred Duroc-Jersey Swine, FREDERICKS HALL, VA.
 ROCKINGHAM PURE-BRED LIVE STOCK ASSOCIATION, G. F. Holsinger, Secretary, Pure-Bred Horses, Cattle, Sheep and Swine, MCGAHEYSVILLE, VA.
 ROCKLAND ESTATE, Breeders of Pure-Bred Duroc-Jersey Swine, LEESBURG, VA.
 ROCKWOOD POULTRY FARMS, S. G. Presgraves, Prop., MOUNTVILLE, VA.
 ROSE DALE STOCK FARMS, Angus Cattle, Percherons, JEFFERSONTON, VA.
 SAMUELS, JOS. M., Pure-Bred Holstein and Jersey Cattle, ORANGE, VA.
 Reds, White Leghorns, Box 3, SOUTHWORTH, WASH.

SEWARD STOCK FARM, Holstein-Friesian Cattle, PETERSBURG, VA.
 SHENANDOAH STOCK FARM, B.W. Huff, Prop., Duroc-Jerseys, FORT DEFIANCE, VA.
 SMITH, R. E. L., Pure-Bred Registered Cattle, BARBER, VA.
 SNOWDEN FARM, Frank C. Baldwin, Prop., Jerseys, FREDERICKSBURG, VA.
 SPENCER, W. T., Breeder of Pure-Bred Berkshire Swine, DILLWYN, VA.
 THOMAS, W. W., Pure-Bred Registered Jersey Cattle, FALLS CHURCH, VA.
 TURNER, JOS. A., Breeder of Hollins Holstein Cattle, HOLLINS, VA.
 UMBERGER, C. B., Breeder of Pure-Bred Shorthorn Cattle, WYTHEVILLE, VA.
 VERANDA FRUIT FARM, Breeder of Duroc-Jersey Swine, FAIRFIELD, VA.
 VIRGINIA PLANTATION CO., INC., Dr. Walter J. Quick, Mgr., Registered Duroc-Jersey Swine, ROANOKE, VA.
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OF
1919

AGRICULTURAL STATISTICS.

Vol. IV. OCTOBER, 1919. No. 4.



THE FLEECE-BEARING GOAT.

The Angora goat produces a fleece which is called mohair. It is a native of Asia Minor, the country which includes the Garden of Eden. Several importations have been admitted into the United States, and here and in South Africa the Angora has developed greatly in fleece-bearing capacity. Although we can and will probably use other names as being highly creditable in developing the Angora goat, the name of C. P. Bailey, of San Jose, Calif., was probably the greatest of all. He was importer, breeder, distributor and manufacturer when the interest was at the lowest status, owing to low prices of meat and fleece, but he won his battle eventually. The picture of the Angora presented herewith is one of the Bailey champions. At the last census 82,755 farms reported goats, 2 915,125 head, and although a majority were common goats, the fleeces amounted to 3,778,706 pounds. Texas New Mexico, Oregon and California raise the largest number of goats in the order named.

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Vol. IV. OCTOBER, 1919. No. 4.

Agricultural Statistics is the most
important publication originated in
the past five years.

FARMS AND POPULATION.

These figures are from the last census of
1910 and are the latest to be had. The
addition at the bottom is an estimate and
the total represents the present basis as
estimated. The feature of this statement is
that farm population and city population are
placed side by side so that the states where
agriculture predominates are shown at a
glance. It will be noticed that in only
thirteen states the city populations are
larger than the farm populations.

State.	No of Farms in State.	Aver- age. Acres.	Farm Popula- tion, Census, 1910.	City Popula- tion, Census, 1910.
ALA.....	262,901	78.9	1,767,662	370,431
ARIZ.....	9,227	135.1	141,004	63,260
ARK.....	214,678	81.1	1,371,768	202,681
CALIF.....	88,197	316.7	907,810	1,469,739
COLO.....	46,170	293.1	394,184	404,840
CONN.....	26,815	81.5	114,917	999,839
DEL.....	10,836	95.9	105,237	97,085
D. C.....	217	27.9	1,000	330,069
FLA.....	50,016	105.0	533,539	219,080
GA.....	291,027	92.6	2,070,471	538,650
IDAHO.....	30,807	171.5	255,696	69,898
ILL.....	251,872	129.1	2,161,662	3,476,929
IND.....	215,485	98.8	1,557,041	1,143,853
IOWA.....	217,044	156.3	1,544,717	680,054
KAS.....	177,841	244.0	1,107,159	493,790
KY.....	259,185	85.6	1,734,463	555,442
LA.....	120,546	86.6	1,159,872	496,516
MAINE.....	60,016	104.9	360,928	381,443
MD.....	48,923	103.4	637,154	658,192
MASS.....	36,917	77.9	241,049	3,125,367
MICH.....	206,960	91.5	1,483,129	1,327,044
MINN.....	156,137	177.3	1,225,414	850,294
MISS.....	274,382	67.6	1,589,803	207,311
MO.....	277,244	124.8	1,894,518	1,398,817
MONT.....	26,214	516.7	242,633	133,420
NEB.....	129,678	297.8	881,362	310,852
NEV.....	2,689	1,009.6	68,508	13,367
N. H.....	27,053	120.1	175,473	255,099
N. J.....	33,487	76.9	629,957	1,907,210
N. M.....	35,676	315.9	280,730	46,571
N. Y.....	215,597	102.2	1,928,120	7,185,494
N. C.....	253,725	88.4	1,887,813	3,165,813
N. D.....	24,260	382.3	513,820	63,280
OHIO.....	272,045	88.6	2,101,978	2,665,143
OKLA.....	190,192	151.7	1,337,000	320,153
OREGON.....	45,502	256.8	365,705	307,060
PENN.....	219,295	84.8	3,034,444	4,630,669
R. I.....	5,292	83.8	17,956	524,651
S. C.....	176,434	76.6	1,290,558	224,832
S. D.....	77,644	335.1	507,215	76,673
TENN.....	246,012	81.5	1,743,744	441,045
TEXAS.....	417,770	269.1	2,958,438	938,104
UTAH.....	21,676	156.7	200,417	172,934
VT.....	32,709	142.6	187,013	168,943
VA.....	184,018	105.9	1,535,083	476,529
WASH.....	56,192	208.4	536,460	605,530
W. VA.....	96,685	103.7	992,877	228,242
WIS.....	177,127	119.0	1,329,540	1,004,320
WYO.....	10,987	777.6	102,744	43,221
Total.....	6,361,502	138.1	49,348,883	42,623,383
Add.....	636,150	.....	4,934,888	4,262,338
Total.....	6,997,652	.....	54,283,771	46,885,721

It is very interesting to see what
becomes of the grain crop. The

shipments to all markets will be
found in Agricultural Statistics.

AREA OF STATES AND POPULATION.

This statement is from the last census,
taken in the year 1910, and preparations
are being made to take another in 1920. The
features of the statement are important.
People compare one state with another. The
basis of all such calculations is the square
mile. Texas is nearly equal in square miles
to five states the size of Illinois. You can
place thirty-one states like Connecticut in
the state of California. Montana is the third
largest state. Rhode Island, the smallest
state, supports the largest number of people
to the square mile. This table will be
changed in a year, and when the new and
the old stand side by side the facts will
interest us all.

State.	Area, Square Miles.	Popu- lation, 1910.	Pop. Per Sq. Mile.
ALA.....	51,279	2,138,073	41.7
ARIZ.....	113,810	204,354	1.8
ARK.....	52,525	1,574,449	30.0
CALIF.....	155,652	2,777,549	15.3
COLO.....	103,658	799,024	7.7
CONN.....	4,820	1,114,756	231.3
DEL.....	1,965	202,322	103.0
FLA.....	54,861	752,619	13.7
GA.....	58,725	2,609,121	44.4
IDAHO.....	83,354	325,594	3.9
ILL.....	56,043	5,638,591	100.6
IND.....	36,045	2,700,876	74.9
IOWA.....	55,586	2,224,771	40.0
KAS.....	81,774	1,690,949	20.7
KY.....	40,181	2,289,905	57.0
LA.....	45,409	1,656,388	36.5
MAINE.....	29,895	742,371	24.8
MD.....	9,941	1,295,346	130.3
MASS.....	8,039	3,366,416	418.8
MICH.....	57,480	2,810,173	48.9
MINN.....	80,858	2,075,708	25.7
MISS.....	46,362	1,727,114	37.0
MO.....	68,737	3,293,335	48.9
MONT.....	146,201	376,053	2.6
NEB.....	76,808	1,192,214	15.5
NEV.....	109,821	81,875	0.7
N. H.....	9,081	430,572	47.7
N. J.....	7,514	2,537,167	337.7
N. M.....	122,503	327,301	2.7
N. Y.....	47,654	9,113,614	191.2
N. C.....	48,740	2,206,287	45.3
N. D.....	70,183	577,056	8.2
OHIO.....	40,740	4,767,121	117.0
OKLA.....	69,414	1,657,155	23.9
OREGON.....	95,607	672,765	7.0
PENN.....	44,832	7,665,111	171.0
R. I.....	1,067	524,610	508.5
S. C.....	30,495	1,515,400	49.7
S. D.....	76,808	583,888	7.6
TENN.....	41,687	2,184,789	52.4
TEXAS.....	262,398	3,896,542	14.8
UTAH.....	82,184	323,351	4.5
VT.....	9,124	355,956	39.0
VA.....	40,262	2,061,612	51.2
W. VA.....	66,836	1,141,990	17.1
W. VA.....	24,022	1,221,119	50.8
WIS.....	55,256	3,233,860	42.2
WYO.....	97,531	145,965	1.5
U. S.....	2,973,890	91,972,266	30.9

Worth Ten Dollars.

"One copy of Agricultural Statistics is worth ten dollars to anybody." Thus remarks L. N. Kuney, of Adrian, Mich. He is a farmer raising Cotswold, Lincoln, Leicester, Hampshire and Shropshire sheep.

Always Consult the Index.

Our readers are requested to consult the index before doing anything else. We cannot classify the tabulated statements so that they will be found at a glance, but we can index them and we have done so thoroughly.

We have not seen any Agricultural Department figures on rabbit meat production.

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GRAIN SORGHUMS, 1918-1919.

Sometimes called Kafirs. These figures by the Department of Agriculture estimate the acreage and crop of 1919 and corrected figures for production of 1918.

State.	1918. Bushels.	1919. Acres.	1919. Bushels.
KANSAS.....	20,107,000	1,433,000	28,015,000
TEXAS.....	24,075,000	1,798,000	52,951,000
OKLAHOMA.....	15,260,000	1,356,000	27,757,000
COLORADO.....	1,748,000	300,000	6,138,000
NEW MEXICO.....	3,582,000	238,000	6,626,000
ARIZONA.....	1,624,000	58,000	2,017,000
TOTAL.....	66,396,000	5,183,000	123,504,000

BROOM CORN, 1919.

This statement, published in July, 1919, is a forecast of the 1919 crop and an aftercast of the two previous years.

State.	1917. Tons.	1918. Tons.	1919. Acres.	1919. Tons.
ILLINOIS.....	8,900	9,000	27,000	7,800
KANSAS.....	9,300	8,500	29,000	5,600
TEXAS.....	8,400	19,200	58,000	15,000
OKLAHOMA.....	26,200	16,100	137,000	24,700
COLORADO.....	4,600	5,200	17,000	3,400
TOTAL.....	57,400	58,000	268,000	56,500

SUGAR CANE ACREAGE, 1919.

There are 510,000 acres of sugar cane this year in the United States, as compared with 527,000, the revised estimate for last year, according to reports from field agents of the Bureau of Crop Estimates. This acreage does not include sorghum or other seeded cane, but does include all varieties grown by planting stalks or joints.

State.	Census For 1909.	1918. Acres.	1919. Acres.
ALABAMA.....	27,211	81,800	92,200
ARKANSAS.....	3,330	2,800	3,200
FLORIDA.....	12,928	16,300	21,000
GEORGIA.....	37,046	67,300	77,000
LOUISIANA.....	329,684	303,000	264,000
MISSISSIPPI.....	24,861	30,500	32,350
NORTH CAROLINA.....	294	590	649
SOUTH CAROLINA.....	7,053	7,355	7,755
TEXAS.....	34,315	17,000	12,600
OTHER STATES.....	127	.....	.....
TOTAL.....	476,849	526,645	510,745

Appearance of the midge in Vermont, the first insect known to ravage the wheat crop, was in the year 1820.

The first American patent for improvement in farm hoes was registered by C. Bulkley, of Colchester, Conn., in the year 1819.

BUSINESS DIRECTORY SECTION,

Being a List of Individuals and Corporations Having Interests With Farmers of the United States.

NOTE.—This Directory is information for farmers. It is the intention of the publisher to make it complete. Manufacturing firms doing business with farmers from a national standpoint can have an insertion free. We expect this classification to increase in number of names every issue by the addition of new names which we select. A careful study of this publication will show its value. Subscriptions are solicited; 50 cents a copy; \$1.00 a year; five-year subscriptions, \$5.00. Advertising in this classification, single column only, costs \$6.00 per inch per year. Advertising is limited to five per cent. of the printing space in the publication.

ABSORBINE, Healing Ointment For Horses, 106 Temple St., **SPRINGFIELD, MASS.**

Acme Harvesting Machine Co., Peoria, Ill.
ABLING-BOYCE SEED CO., "Squash and Pumpkins," **SEATTLE, WASH.**

ABRAHAM FUR CO., Wool and Fur Dealers, 213 North Main St., **ST. LOUIS, MO.**

ACME SEED COMPANY, Grass Re-cleaned Sudan Seed, **LUBBOCK, TEXAS.**
Acme White Lead & Color Works, Detroit, Mich.

ACORN BRASS MFG. CO., Lamps, 873 Uni-lone Bldg., **CHICAGO, ILL.**

ADAM (L. C.) MERCANTILE CO., Specialty, Alfalfa Seed, **CEDAR VALE, KAS.**

ADAMS BROS.-PAYNES CO., Adpaco Silos, **LYNCHBURG, VA.**

ADEL CLAY PRODUCTS COMPANY, Hollow Tile Hog Houses, **ADEL, IA.**

ADMIRAL HAY PRESS COMPANY, 8th and Mulberry Sts., **KANSAS CITY, MO.**

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AERMOTOR COMPANY, Self-Oiling Windmills, 2500 Twelfth St., **CHICAGO, ILL.**

AINSWORTH, W. T., & SONS, Seed Corn Specialists, **MASON CITY, ILL.**

ALADDIN—THE ALADDIN CO., Farm Houses and Bungalows, **BAY CITY, MICH.**

ALBAUGH-DOVER CO., Cream Separators, 2110 Marshall Blvd., **CHICAGO, ILL.**

ALLEN—H. E. ALLEN MFG. CO., INC., Mfrs. of So-Bos-So Kildy, **CARTHAGE, N. Y.**

ALLEN, S. L., & CO., Mfrs. of Planet, Jr. Tools, 701 Denckla St., **PHILADELPHIA, PA.**

ALLIS-CHALMERS MFG. COMPANY, Mfrs. of Farm Tractor, **MILWAUKEE, WIS.**

AMERICAN ACCESSORIES CO., Inside Tires, **CINCINNATI, OHIO.**

AMERICAN AGRICULTURAL CHEMICAL COMPANY, Fertilizers, 2 Rector St., **NEW YORK, N. Y.**

AMERICAN BRICK AND TILE CO., Hollow Clay Blocks, **MASON CITY, IA.**

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AMERICAN CAN COMPANY, Mfrs. of Tin Cans For Cannery, 120 Broadway, **NEW YORK, N. Y.**

AMERICAN CEDAR CHEST COMPANY, Mfrs. of 114 Styles, 10th and Main Sts., **FORT WORTH, TEXAS.**

AMERICAN CEREAL COMPANY, Railway Exchange Bldg., **CHICAGO, ILL.**

AMERICAN CHAIN CO., INC., "Weed Anti-Skid Chains," 37 West 39th St., **NEW YORK, N. Y.**

AMERICAN FARMERS' SUPPLY CO., 305 South LaSalle St., **CHICAGO, ILL.**

AMERICAN FEATHER AND PILLOW COMPANY, Desk 13, **NASHVILLE, TENN.**

AMERICAN GAS MACHINE CO., Self-heating Flat Iron, **ALBERT LEA, MINN.**

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AMERICAN LINSEED COMPANY, Stock Foods, 140 S. Dearborn St., **CHICAGO, ILL.**

AMERICAN MACHINERY COMPANY, Mfrs. of Shingle Making Machines, Forsyth St., **ATLANTA, GA.**

AMERICAN MILLING COMPANY, Mfrs. of Poultry Foods, **PEORIA, ILL.**

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AMERICAN MUTUAL SEED COMPANY, 43d and Robey Sts., **CHICAGO, ILL.**

AMERICAN PAD AND TEXTILE COMPANY, Mfrs. of Horse Collar Pads, **GREENFIELD, OHIO.**

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AMERICAN RADIATOR COMPANY, 820 South Michigan Ave., **CHICAGO, ILL.**

AMERICAN SEEDING MACHINE CO., Grain Drills, **SPRINGFIELD, O.**

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ARMOUR FERTILIZER WORKS, Union Stock Yards, **CHICAGO, ILL.**

ARMSTRONG, J. B., & SON, Garden and Farm Seeds, **SHENANDOAH, IA.**

ASSOCIATED MANUFACTURERS' CO., Iowa Cream Separator, **WATERLOO, IA.**

ATCHISON, J. H., Special Producer of Seed Corn, **CHAPPELLS, S. C.**

ATLAS PORTLAND CEMENT COMPANY, Corn Exchange Bank Bldg., **CHICAGO, ILL.**

ATWATER KENT MFG. WORKS, Scientific Ignition, Stenton Ave., **PHILADELPHIA, PA.**

AUBURN AUTOMOBILE COMPANY, Mfrs. of the Auburn Auto Car, **AUBURN, IND.**

AUGMORE MFG. CO., The Sands Kerosene Heater, **CLEVELAND, OHIO.**

AUTO-FEDAN HAY PRESS CO., 1601 Wyoming, **KANSAS CITY, MO.**

AUTO-KNITTER HOSIERY CO., INC., Knitting Machines, 821 Jefferson ave., **BUFFALO, N. Y.**

AUTOMOBILE, THE, Published by the Class Journal Company, 239 West 39th St., **NEW YORK, N. Y.**

AVALON FARMS COMPANY, Mfrs. of Hog Conditioner, 747 Rand-McNally Bldg., **CHICAGO, ILL.**

AVERY—THE AVERY COMPANY, Agricultural Implements, **PEORIA, ILL.**

AYE BROS., Special Producers of Pure-Bred Seed Corn, **BLAIR, NEB.**

BARBITT, B. T., INC., Mfr. of Lye For Farm Uses, 11 Broadway, NEW YORK, N. Y.

BABSON BROS., Edison Phonograph Distributors, 2845 West 19th St., CHICAGO, ILL.

Baines, Ella V., Seeds, Springfield, Ohio.

BARBER MEDICINE CO., INC., Mfrs. of Hog Powders, Stock Yards, KANSAS CITY, MO.

Barnett, Jos. I. & Co., Lighting, Cedar Rapids, Ia.

BARRETT COMPANY, Mfrs. of Roofing, 17 Battery Place, NEW YORK, N. Y.

BARTLETT, A. J., Commission—Butter, Cheese, Eggs and Poultry, 7 and 8 North Market St., BOSTON, MASS.

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HARRISON MACHINE WORKS, Threshing Machines, BELLEVILLE, ILL.

HARRISON PRODUCE COMPANY, Early Vegetable Shipper, SAN BENITO, TEXAS.

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O. K. HARRY STEEL COMPANY, Mfrs. of Plain and Corrugated Steel Tanks, Towers and Cisterns, 2333 Papin St., ST. LOUIS, MO.

HARTMAN COMPANY, THE, Mail Order Catalogue issued; a Shopping Guide of 500 pages; 4064 LaSalle St., CHICAGO, ILL.
Hart-Parr Co., Farm Tractors, Charles City, Ia.

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HASSIER, ROBERT M., Mfr. of Shock Absorber for Ford Cars, 823 Naomi St., INDIANAPOLIS, IND.

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HEIDER MANUFACTURING COMPANY, Eveners for Plows, CARROLL, IA.

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Sun-Line Windows, SIOUX CITY, IA.

PHILLIPS & BUTTORF MFG. COMPANY.
Enterprise Cannery, NASHVILLE, TENN.
Pine Tree Milking Machine Co., 2448 West
19th St., Chicago, Ill.

PIONEER DISTRIBUTING COMPANY,
Fresh Crude Oil, MONTPELIER, IND.

PITMAN-MOORE COMPANY (Harry C.
Moore, President), Pitman-Moore Simulta-
neous Serum Treatment For Hogs,
INDIANAPOLIS, IND.

PITTMAN & HARRISON CO., Sudan, John-
son Grass, Alfalfa, Etc., SHERMAN, TEXAS.

PITTSBURGH UNION STOCK YARDS,
James S. McFadyen, General Manager,
PITTSBURGH, PA.

PLANTERS' NURSERY, Trees, Plants,
Seeds, WINFIELD, KAS.

PLYMOUTH CORDAGE CO., Mfrs. of
Binder Twine, NORTH PLYMOUTH, MASS.

PORTABLE ELEVATOR MFG. COM-
PANY, Grain Elevators, BLOOMINGTON, ILL.

PORTER—J. E. PORTER & CO., Mfrs. of
Hay Carriers, OTTAWA, ILL.

PORTLAND SEED COMPANY, Diamond
Quality Catalogue, PORTLAND, ORE.

POTATO MACHINERY MFG. CO., Mfrs.
of Potato Flour and Starch Machinery,
MINNEAPOLIS, MINN.

POUNDER, G. H., Mfr. of Farm Harrows,
FORT ATKINSON, WIS.

POWHATAN LIME CO., the Purest Lime,
STRASBURG JUNCTION, VA.

- PRATT—B. G. PRATT CO.**, Mfrs. of Tree Sprays, 50 Church St., NEW YORK, N. Y.
- PRATT FOOD COMPANY**, Stock Foods, 130 Walnut St., PHILADELPHIA, PA.
- PRESTON—J. M. PRESTON CO.**, Mfrs. of Vitrified Tile Silos, LANSING, MICH.
- PRISMOLITE COMPANY**, Automobile Lights, 4th and Gay Sts., COLUMBUS, OHIO.
- PROCESS MFG. COMPANY**, Mfrs. of Corn Harvester, SALINA, KAS.
- PROGRESSIVE INCUBATOR COMPANY**, Box 194, RACINE, WIS.
- PROVINE, R. F.**, Producer of Lespedeza Clover Seed, BIG CREEK, MISS.
- PRUNTY, CHARLES E.**, Seed Merchant, 7 South Main St., ST. LOUIS, MO.
- PULLMAN COMPANY**, THE, Operators of Sleeping Cars, CHICAGO, ILL.
- Purina Mills, 8th and Gratiot, St. Louis, Mo.
- PURITAN FRUIT COMPANY**, Fruit Salesmen, 12 South Market St., BOSTON, MASS.
- PURITY BIOLOGICAL LABORATORIES**, W. J. Kennedy, President and Manager, Germ Free Blackleg Vaccine, SIOUX CITY, IOWA.
- PURSE BROS.**, Distributors of Fruits and Vegetables, DETROIT, MICH.
- PUTNEY STEPHEN SHOE COMPANY**, the Battle Axe Shoe, RICHMOND, VA.
- QUINN WIRE AND IRON WORKS**, Wire Fencing, BOONE, IA.
- RACINE RUBBER COMPANY**, Mfrs. of Automobile Tires, RACINE, WIS.
- RAHE'S AUTO TRAINING SCHOOL**, 2727 Oak St., KANSAS CITY, MO.
- RAYO INCUBATOR COMPANY**, U. D. Station 5565, OMAHA, NEB.
- REDFEARN, H.**, Early Mebane Triumph Cotton Seed, WINFIELD, TEXAS.
- REED MFG. COMPANY**, Weaving Rug Machines, Box 90, SPRINGFIELD, O.
- REEVES—R. R. REEVES & CO.**, Exclusive Order Buyers, Union Stock Yards, PITTSBURGH, PA.
- Reliable Incubator & Brooder Co., Quincy, Ill.
- RELIANCE ENGINEERING CO.**, Mfrs. of Farm Engines, LANSING, MICH.
- Reliance Mfg. Co., Work Shirts, 212 West Monroe St., Chicago, Ill.
- KENFREW MACHINERY CO.**, Mfrs. of Renfrew Cream Separator, MILWAUKEE, WIS.
- Reo Motor Car Co., Lansing, Mich.
- REPUBLIC FENCE AND GATE CO.**, Gates and Fencing Mfrs., NORTH CHICAGO, ILL.
- REPUBLIC MOTOR TRUCK COMPANY**, INC., ALMA, MICH.
- RICE, A. L.**, Mfr. of Paint Without Oil, ADAMS, N. Y.
- RICHMOND BAG COMPANY**, Money in Old Bags, RICHMOND, VA.
- RIEBEL (F. M.) & SON**, Seed Corn Specialists, ARBELA, MO.
- RILEY HAUK-VOGELSANG SUPPLY CO.**, Dairy Sup., 3d and Vine Sts., ST. LOUIS, MO.
- RIPPLEY HARDWARE COMPANY**, Feed Cookers, Etc., GRAFTON, ILL.
- R. K. TIRE COMPANY**, 837 North Broad St., PHILADELPHIA, PA.
- ROBERTS—DR. DAVID ROBERTS VETERINARY COMPANY**, WAUKESHA, WIS.
- ROBERTS, J. T.**, Cotton Seed Specialist and Grower, LOUISVILLE, GA.
- ROCKFORD WELL DRILL CO.**, Machinery For Well Boring, ROCKFORD, ILL.
- ROCK ISLAND PLOW COMPANY**, Agricultural Implements, ROCK ISLAND, ILL.
- Roesch, Lewis, Nursery, Fredonia, N. Y.
- ROPER, A. L.**, Cow Peas, Seed Corn and Cane Seed, ADAIRSVILLE, GA.
- ROSENBLATT, S.**, Leaf Tobacco For Sale, HAWESVILLE, KY.
- ROSS BROS. SEED COMPANY**, Seed Book, Field and Garden Seeds, WICHITA, KAS.
- ROSS—E. W. ROSS COMPANY**, Mfrs. of Wood Stave Silos, SPRINGFIELD, O.
- ROUSE, J. W.**, Bee Supplies, Bees, Queens, Honey, MEXICO, MO.
- ROWE MANUFACTURING COMPANY**, Mfrs. of "Can't Sag" Gates and New Idea Hog Oilers, GALESBURG, ILL.
- ROWE SANITARY MFG. CO.**, Mfrs. of Indoor Closets, 210 6th Ave., DETROIT, MICH.
- Rowell, The I. B. Company, Silo Filler, Waukesha, Wis.
- ROWLAND & CO.**, Buyers and Growers of Cow Peas, AUGUSTA, GA.
- Royal Baking Powder Co., 135 William St., New York, N. Y.
- ROYSTER (F. S.) GUANO CO.**, Mfrs. of Special Fertilizers, TOLEDO, OHIO.
- RUSLER COMPANY**, Sprayers and Auto Washers, JOHNSTOWN, O.
- RUSSIA CEMENT CO.**, Mfrs. of LePage's China Cement, GLOUCESTER, MASS.
- RYAN-ROBINSON COMMISSION COMPANY**, Cattle, Hogs and Sheep, Stock Yards, KANSAS CITY, MO.
- ST. LOUIS SEED CO.**, also Poultry Supplies, 411 Washington Ave., ST. LOUIS, MO.
- SALEM MFG. COMPANY**, Mfrs. of Land Plaster Sower, SALEM, OREGON.
- SALZER—JOHN A. SALZER SEED COMPANY**, LA CROSSE, WIS.
- Samson Tractor Co., Janesville, Wis.
- SANDUSKY CEMENT COMPANY**, Build With Cement, Building Booklets Free, CLEVELAND, OHIO.
- SAXON MOTOR CAR COMPANY**, Mfrs. of the Saxon Automobile, DETROIT, MICH.
- SCARFF, W. N.**, Nursery and Seed Grower, NEW CARLISLE, PA.
- Schlitchter, E. F., Co., Silos, 10 South 18th St., Philadelphia, Pa.
- SCHOEN & GORDON**, Mfrs. of Peanut Sheller, Healey Bldg., ATLANTA, GA.
- SEARS, ROEBUCK & CO.**, Merchandise By Mail Order, CHICAGO, ILL.
- SECURITY LIGHTNING ROD CO.**, Lightning Protection, BURLINGTON, WIS.
- SERVICE AUTO EQUIPMENT COMPANY**, Tires, Traders' Bldg., KANSAS CITY, MO.
- SEWELL, C. B.**, Small Fruits, Cabbage and Grasses, BRUNDAGE, TEXAS.
- SHARPLES SEPARATOR CO.**, Suction Feed Separators and Milking Machines, WEST CHESTER, PA.
- SCHISLER (A. W.) FIELD AND GARDEN SEED CO.**, All Kinds of Field and Garden Seeds, 704 to 710 N. Fourth st., ST. LOUIS, MO.
- SCOTT, O. M. & SONS COMPANY**, Soy Bean Specialists, MARYSVILLE, O.
- SCOTT, Z. L.**, Specialty, Scott's Marlboro Corn, CONCORD, GA.
- SESSIONS, H. M. & SONS**, Specialty, Seed Peanuts, ENTERPRISE, ALA.
- SHANNON & FARRELL**, Live Stock Commission, Union Stock Yards, PITTSBURGH, PA.
- Sherman Mfg. Co., Drills, Brookings, S. D.
- SHAW MFG. COMPANY**, The Shaw Motorcycle, GALESBURG, KAS.
- SHAW WIRE FENCE CO.**, Mfrs. of the Shaw Fence, COLUMBUS, OHIO.
- SHELDON MFG. COMPANY**, Mfrs. of Concrete Mixer, NEHAWKA, NEB.
- Sherwin-Williams Co., Paints, Cleveland, Ohio.
- SHORES-MUELLER CO.**, Household and Farm Necessities, CEDAR RAPIDS, IA.
- SHUBERT, A. B. INC.**, Hides and Furs, 25 West Austin Ave., CHICAGO, ILL.
- SHUMWAY, R. H.**, Pure and Sure Seeds. Catalogue free, ROCKFORD, ILL.
- SIGEL-CAMPION LIVE STOCK COMMISSION COMPANY**, Union Stock Yards, DENVER, COLO.
- SILLO SPECIALTY MFG. COMPANY**, Mfrs. of Silos and Equipments, CLINTON, IA.
- SILVER—THE SILVER MFG. COMPANY**, Silo Fillers and Feed Cutters, SALEM, OHIO.
- Simmons Hardware Co., Ninth and Spruce, St. Louis, Mo.
- SIMPLEX FARM DITCHER COMPANY**, Road Graders, Levels, Etc., OWENSBORO, KY.
- SIMPLEX MFG. COMPANY**, Starters For Ford Cars, ANDERSON, IND.
- SIMPLEX SPREADER CO.**, Straw Spreader, Traders Bldg., KANSAS CITY, MO.
- SIMPLEX SUPPLY HOUSE**, Poultry Supplies, 13 Pontiac Bldg., CHICAGO, ILL.
- SINTON PLANT CO.**, Cabbage Plants and Bermuda Onions, SLINTON, TEXAS.

SKAT COMPANY, THE, Mfrs. of Soaps,
791 Park St., **HARTFORD, CONN.**

SLENKER, O. L., Buyer of Raw Furs,
EAST LIBERTY, OHIO.

Smith, C. B., & Co., Stock Remedy, Newark, N. J.

SMITH, J. L., Southern Alabama Vegetables, Car Lots, **MOBILE, ALA.**

SMITH MOTOR TRUCK CORPORATION,
Michigan Blvd. and 16th St., **CHICAGO, ILL.**

SMITH—W. SMITH GRUBBER COMPANY, Stump Pullers, LA CRESCENT, MINN.

SMYTH, JOHN M., & CO., Mail Order Mdee., 701 Washington Blvd., **CHICAGO, ILL.**

SNODDY—DR. D. C. SNODDY CO., Swine Remedy, **ST. LOUIS, MO.**

SOIL IMPROVEMENT COMMITTEE, Fertilizer Information, Dept. 11, Postal Telegraph Bldg., **CHICAGO, ILL.**

SOLVAY PROCESS CO., Pulverized Limestone, Delray, **DETROIT, MICH.**

SOMERS, HAROLD, Mfr. of the Daisy Fly Killer, 150 DeKalb Ave., **BROOKLYN, N. Y.**

SONDERGGER NURSERIES AND SEED HOUSE, Specialty, Vegetables, **BEATRICE, NEB.**

SONNEBORN—HENRY SONNEBORN & CO., INC., Styleplus Clothes For Farmers, Send For Styleplus Book, **BALTIMORE, MD.**

South Bend Chilled Plow Co., South Bend, Ind.

SOUTHERN PINE ASSOCIATION, representing Yellow Pine Construction, Interstate Bank Bldg., **NEW ORLEANS, LA.**

SOUTHERN SEED FARM, W. T. Brooks, Prop., Cotton Seed, **ARLINGTON, GA.**

SOUTHERN PLOW COMPANY, Agricultural Implemts., 618 Elm St., **DALLAS, TEXAS.**

SPARTAN MFG. CO., Agricultural Implemts., **PONTIAC, ILL.**

Specialty Device Co., Well Poring Outfit, 106 West Third St., Cincinnati, Ohio.

SPERRY—D. R. SPERRY & CO., Steam Cookers, **BATAVIA, ILL.**

SPOKANE SEED COMPANY, Diamond Quality Seeds, **SPOKANE, WASH.**

SPOTLESS—THE SPOTLESS CO., South's Mail Order House, **RICHMOND, VA.**

STAHL (WM.) SPRAYER COMPANY, Outfits and Mixtures, **QUINCY, ILL.**

STAMPING AND TOOL COMPANY, Mfrs. of Corn Planter Gauge, LA CROSSE, WIS.

STANDARD CHEMICAL COMPANY, "Carco" Vegetable Spray, **TACOMA, WASH.**

STANDARD GROWERS' EXCHANGE (H. C. Schrader Company), Fruits and Vegetables, **ORLANDO, FLA.**

Standard Heave Remedy, Lynn, Mass.

STANDARD OIL CO. (INDIANA), Polarine Motor Oil and Standard Gas Engine and Tractor Oil, 72 W. Adams St., **CHICAGO, ILL.**

STANDARD SANITARY MFG. CO., Standard Plumbing Fixtures, **PITTSBURGH, PA.**

STANDARD SUPPLY HOUSE, Wire Fence, Roofing, Etc., **NOBLESVILLE, IND.**

STAR PEA HULLER CO., Pea Huller Perfection, **CHATTANOOGA, TENN.**

Starch Bros. Co., Mfrs. of Milking Machines, LaCrosse, Wis.

Staudt Mfg. Co., Tractor Parts, St. Paul, Minn.

STEINHEIMER, R. P., Specialty, Marlboro Seed Corn, **BROOKS, GA.**

STEINMESCH FEED AND POULTRY SUPPLY CO., 10 N. 4th St., **ST. LOUIS, MO.**

STEWART—WARNER SPEEDOMETER CORPORATION, 1280 Diversey Parkway, **CHICAGO, ILL.**

STITT, R. G., & SON, Bermuda Grass Seed, Finest Quality, **YUMA, ARIZONA.**

STOCK YARDS LOAN COMPANY, Joseph L. Freeland, President, Live Stock Exchange, **KANSAS CITY, MO.**

STONE, B. W., Aeolian Farm; Pecan Nursery, **THOMASVILLE, GA.**

STONE, L. A., Cotton Seed Specialist, **ALLENDALE, S. C.**

STORY & CLARK PIANO COMPANY, 317 South Wabash Ave., **CHICAGO, ILL.**

STOVER MANUFACTURING CO., Windmills and Implements, **FREEMONT, ILL.**

STOUT, H. T., Seed Corn Specialist, **CRAWFORDSVILLE, IND.**

STRAWN, M. L., Mebane Triumph Cotton Seed, **LOCKHART, TEXAS.**

STRICKER, L. R., Cow Peas and Soy Beans, **ASHEVILLE, N. C.**

STURGIS & BURN MFG. CO., Dairy Supplies, Harrison and Green, **CHICAGO, ILL.**

SUNSHINE SAFETY LAMP COMPANY, 1005 McGee, **KANSAS CITY, MO.**

SUPERIOR FEEDER COMPANY, Hog Self Feeders, **LA FAYETTE, IND.**

SURE HATCH INCUBATOR COMPANY, Incubators and Brooders, **FREMONT, NEB.**

SUTTON, G. D., COMPANY, Seed Corn Specialists, **MASON CITY, ILL.**

SUTTON & PORTEUS, Aberdeen-Angus Bulls, **LAWRENCE, KAN.**

SWARTZ ELECTRIC CO., Home Lighting Plants, Speedway, **INDIANAPOLIS, IND.**

SWAYNE, ROBINSON & CO., "Money Maker", Silage Cutter, **RICHMOND, IND.**

SWEDISH SEPARATOR COMPANY, Mfrs. of the Viking Cream Separator, 515 South Fifth Ave., **CHICAGO, ILL.**

SWEENEY AUTO SCHOOL, 1108 East 15th St., **KANSAS CITY, MO.**

SWEET FEED MANUFACTURERS' ASSOCIATION, **MEMPHIS, TENN.**

SWIFT & CO., Fertilizer Dept., Union Stock Yards, **CHICAGO, ILL.**

Taber Lumber Co., Silos, Etc., Keokuk, Iowa.

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TENNESSEE NURSERY COMPANY, Apple and Peach Trees, **CLEVELAND, TENN.**

TEXAS COTTON SEED CRUSHERS' ASSOCIATION, 909 Main St., **DALLAS, TEX.**

TEXAS PECAN NURSERY, Booklet "How To Grow Pecans," **ARK, TEXAS.**

TEXAS SEED BREEDING FARMS, Rye, Oats and Bur Clover, **SHERMAN, TEXAS.**

Thomas & Armstrong Co., Silo Roofs, London, O.

THOMAS MFG. COMPANY, Agents' Supplies, **DAYTON, O.**

Three-in-one Oil Co., 165 Broadway, New York.

TIDE WATER OIL CO., Veedol Dept., Bowling Green Bldg., **NEW YORK, N. Y.**

TIMKIN ROLLER BEARING COMPANY, Mfrs. of Axle Bearings, **CANTON, O.**

TOLEDO COOKER COMPANY, The Conservo Cooker, **TOLEDO, OHIO.**

TOWER—A. J. TOWER CO., Mfrs. of Fish Brand Slickers, **BOSTON, MASS.**

TOWER—J. D. TOWER & SONS COMPANY, Mfrs. of Cultivators, **MENDOTA, ILL.**

TRACY FEEDER CO., Mfrs. of the Traco Automatic Hog Feeder, **WATERLOO, IA.**

Trailmobile Co., 530 East 5th St., Cincinnati, O.

TRENT, S. G., Specialty, Tested Seed Corn, **HIAWATHA, KAN.**

TROY CHEMICAL COMPANY, Veterinary Remedies, **BINGHAMTON, N. Y.**

TROYER BROS., Seed Corn Specialists, **LA FORTAINE, IND.**

- TRUSSELL, C. H.**, Early Speckled Velvet Beans, **WARTHEN, GA.**
Tung-Lok Silo and Tank Co., Interstate Bldg., Kansas City, Mo.
- TURNER MFG. COMPANY**, Simplicity Tractors, **PORT WASHINGTON, WIS.**
- TUTTLE TRACTOR COMPANY**, Mfrs. of Hay Balers, **LEAVENWORTH, KAS.**
- TWEED SYSTEM COMPANY, INC.**, Publishers of Loose Leaf Farm Records, 99 Ship St., **PORTLAND, ORE.**
- ULRICH MFG. CO.**, Cultivators and Weeds, 23 River St., **ROCK FALLS, ILL.**
- UNADILLA SILO COMPANY**, Mfrs. of Silos and Ladders, **UNADILLA, N. Y.**
- UNION CARBIDE SALES COMPANY**, 42d St. Bldg., **NEW YORK, N. Y.**
- UNION LUMBER COMPANY**, Tung-Lok Elevators, **UNION MILLS, WASH.**
- UNION METALLIC CARTRIDGE COMPANY**, Woolworth Bldg., **NEW YORK, N. Y.**
- UNION STOCK YARDS**, H. E. Snow, General Manager, **MONTGOMERY, ALA.**
- UNITED STATES RUBBER CO.**, Mfrs. of Endless Stitched Belting For Farm Work, 58th St. and Broadway, **NEW YORK, N. Y.**
- U. S. SAFETY GAS MACHINE CO.**, Main and Southern R. R., **BELLEVIEW, ILL.**
- UNITED STATES STOCK FOOD CO.**, 21st and Manchester, **KANSAS CITY, MO.**
- U. S. WIND ENGINE AND PUMP COMPANY**, **BATAVIA, ILL.**
- UNIVERSAL MARKING DEVICE COMPANY** For Sheep, **CASPER, WYO.**
- UTICA DROP FORGE AND TOOL CO.**, Farm Tools, 2800 Witesboro, **UTICA, N. Y.**
- VACUUM OIL COMPANY**, Lubricating Oils, **ROCHESTER, N. Y.**
- VALLEY VIEW GARDENS**, Ever-Bearing Strawberries, Gov. Inspected, **TIFFIN, OHIO.**
- VEGA SALES COMPANY**, Milwaukee Cream Separator, **FOSTORIA, O.**
- VELIE MOTOR VEHICLE COMPANY**, Mfrs. of the "Velie Car," **MOLINE, ILL.**
- VERMONT FARM MACHINE COMPANY**, U. S. Cream Separators and Lighting Plants, **BELLOWS FALLS, VERMONT.**
- VERTREES, W. J.**, Fencing and Tanks, **BUSHNELL, ILL.**
- VICTOR PEA HULLER COMPANY**, Hulls Peas and Beans, Station A, **ATLANTA, GA.**
Vincennes Nurseries, Vincennes, Ind.
- VIRGINIA CAN COMPANY**, Cans For Home Canning, **BUCHANAN, VA.**
- VIRGINIA-CAROLINA CHEMICAL COMPANY**, Farm Fertilizers, **RICHMOND, VA.**
- WADE—R. M. WADE & CO.**, "Gasoline Wood Saw," **PORTLAND, ORE.**
- WALLER (O. C.) & BROS.**, Strawberries and Other Plants, **JUDSONIA, ARK.**
- WALSH HARNESS COMPANY**, Harness Direct From Factory, **MILWAUKEE, WIS.**
- WARD FENCE MFG. COMPANY**, Wire and Ornamental, **DECATUR, IND.**
- WARD TRACTOR COMPANY**, Mfrs. of Transmission of Power to Work Ford Cars, **LINCOLN, NEB.**
- WARREN COUNTY SEED CORN GROWERS' ASS'N**, **BOWLING GREEN, KY.**
- WARSAW-WILKINSON CO.**, Climax Ensilage Cutter, **WARSAW, N. Y.**
- WASHINGTON MACHINE AND SUPPLY COMPANY**, Mfrs. of Elevating Machinery for Elevating Bulk Grain, **SPOKANE, WASH.**
- WASSON MFG. COMPANY**, Mfrs. of Hog Oiler, **PEORIA, ILL.**
- WATERLOO GASOLINE ENGINE COMPANY**, Mfrs. of Waterloo Boy Tractor, **WATERLOO, IA.**
- WATERS, W. P.**, Specialist, Seed Corn, Sorghum, Beans, **PYATT, ARK.**
- WATKINS, CARRITHERS & CO.**, Live Stock Commission, Bourbon Stock Yards, **LOUISVILLE, KY.**
- WATKINS MFG. COMPANY**, Grain Cleaner and Grader, **WICHITA, KAS.**
- WAVERLY SUPPLY COMPANY**, Mail Order Premium Goods, **MONONGAHELA, PA.**
- WEBER IMPT. AND AUTO CO.**, Farm Implements and Autos, 1900 Locust St., **ST. LOUIS, MO.**
- WEBER (H. J.) & SONS NURSERY CO.**, Postoffice, **NURSERY, ST. LOUIS CO., MO.**
- WEBER, SIDNEY J.**, Reclaimed Lespedeza Seeds (Japan Clover), **BATON ROUGE, LA.**
- WEED CHAIN TIRE GRIP COMPANY**, "Auto Chains," **BRIDGEPORT, CONN.**
- WELCH NURSERY**, Ever-Bearing Strawberry Plants, **SHELANDOAH, IA.**
- WELLS ESTATE, E. S.**, Rough on Rats, 706 Grand St., **JERSEY CITY, N. J.**
- WERTHAN BAG COMPANY**, Buys and Sells Bags, 70 Dock St., **ST. LOUIS, MO.**
- WEST JERSEY MARL AND TRANS. COMPANY**, Agricultural Fertilizer, 17 Cooper St., **WOODBURY, N. J.**
- WESTERN ELECTRIC COMPANY**, 195 Broadway, **NEW YORK, N. Y.**
- WESTERN LAND ROLLER CO.**, Mfrs. of Western Pulverizer, **HASTINGS, NEB.**
- Western Silo Co., 11th St., Des Moines, Iowa.
- WESTON (A. M.) & CO.**, Specialty Small Fruits, **BRIDGMAN, MICH.**
- WHEELER & WILSON MFG. COMPANY**, Sewing Machines, **BRIDGEPORT, CONN.**
- WHITE—D. A. WHITE & SONS**, Fancy Clover Seed, **SALEM, ORE.**
- WHITEWRIGHT SEED FARMS**, Improved Red Rust Proof Oats, **WHITEWRIGHT, TEX.**
- WHITMORE, L. S. & CO.**, Commission Agents, Cattle, Hogs, Sheep, Etc., **RICHMOND, VA.**
- WICHITA NURSERIES**, AND SEED HOUSE, Free Seed Book, **WICHITA, KAS.**
- WIDHELM REMEDY AND MFG. CO.**, Stock Remedies and Feeders' Supplies, **FREMONT, NEB.**
- WILCOX & HARVEY MFG. COMPANY**, Mfrs. of the "Stay There" Ear Marker For Stock, 564 W. Randolph St., **CHICAGO, ILL.**
- WILKENS & BIEHL**, Lime For Agriculture, **GALVESTON, TEXAS.**
- WILL—OSCAR H. WILL COMPANY**, Seed Corn Specialists, **BISMARCK, N. D.**
- WILLIAMSON & DENNIS**, Live Stock Commission, Interstate Stock Yards, **JACKSONVILLE, FLA.**
- WILLIAMSON MFG. CO.**, Mfrs. of Lightning Healing Powder, **SHEFFIELD, ILL.**
- WILLIAMS—THE J. B. WILLIAMS COMPANY**, Soaps, **GLASTONBURY, CONN.**
- WILLIAMS-OVERLAND COMPANY**, "The Overland Car," **TOLEDO, O.**
- WILSON, JAMES D.**, Specialty, Schrock Kafir Seed, R. F. D., **PARSONS, KAS.**
- WINCHESTER REPEATING ARMS COMPANY**, **NEW HAVEN, CONN.**
- WING SEED COMPANY**, Alfalfa and All Others, **MECHANICSBURG, OHIO.**
- WITTE ENGINE WORKS**, Kerosene, Gasoline, Distillate or Gas Engines, 1724 Oakland Ave., **KANSAS CITY, MO.**
- WITTIG F. & CO.**, Mfrs. of Charcoal For Hogs, 3000 Lisbon Ave., **MILWAUKEE, WIS.**
- WOOD, T. W., & SONS**, All Southern Farm and Garden Seeds, **RICHMOND, VA.**
- WOODFIELDS FARM**, Choice Seed Corn, **WYCOMBE, PA.**
- WOODSON-CRAIG COMPANY, INC.**, Commission, Eggs, Butter, Etc., **RICHMOND, VA.**
- WORTHINGTON PUMP AND MACHINERY CORP.**, Type W Engines, **CUDAHY, WIS.**
- WRAGG NURSERY COMPANY**, Fruits and Ornamentals, **DES MOINES, IA.**
- WYATT MANUFACTURING CO.**, Stackers and Rakes, **SALINA, KAS.**
- Yale & Towne Mfg. Co., Hardware and Locks, 9 East 40th St., **NEW YORK, N. Y.**
- YOUNG (L. A.) INDUSTRIES COMPANY**, Belt Power, **DETROIT, MICH.**
- YUBA MANUFACTURING COMPANY**, Tractor Mfrs., **SAN FRANCISCO, CALIF.**
- X-RAY INCUBATOR COMPANY**, Incubators and Brooders, **DES MOINES, IA.**
Zimmerman Steel Co., Stp. Fullers, Bettendorf, Ia.
- ZOOK & ZOOK**, Live Stock Commission, Stock Yards, **KANSAS CITY, MO.**

ASPARAGUS, GREEN BEANS AND BEETS.

For general information, the number of farms reporting the production of asparagus, green beans and table beets are here given. The information was gained in a normal census year. The total amount of products is not included, for the reason that some of these vegetables have no standard units of packages. This is not an up-to-date report; it is, however, the latest obtainable.

Produc- State.	Asparagus. Farms.	Asparagus. Acre- age.	Green Beans. Farms.	Green Beans. Acre- age.	Table Beets. Farms.	Table Beets. Acre- age.
ALA...	16	58	427	842	5	6
ARIZ...	9	17	27	67	3	3
ARK...	3	9	150	255	1	1
CALIF.	229	9,399	591	7,646	85	253
COLO...	73	103	74	171	21	70
CONN...	70	165	93	167	28	48
DEL...	183	410	11	19	1	1
D. C...	3	32	27	52	9	18
FLA...	3	6	1,547	5,013	8	15
GA...	17	75	596	1,484	11	18
IA...			16	60	4	6
ILL...	609	2,241	476	798	146	234
IND...	37	81	245	430	7	9
IOWA...	98	237	44	79	9	29
KAS...	63	120	75	154	4	7
KY...	44	62	3,589	5,041	19	26
LA...	2	11	400	727	125	247
MAINE			44	64	19	22
MD...	183	551	838	2,746	21	29
MASS...	327	776	570	781	144	239
MICH...	154	275	303	676	63	100
MINN...	83	149	54	97	22	40
MISS...	12	32	570	1,052	15	22
MO...	75	103	384	543	29	39
MONT...			5	18	7	12
NEB...	21	32	9	12	2	4
NEV...	9	27	2	2	5	6
N. H...	10	23	19	34	7	11
N. J...	1,343	5,148	1,286	3,740	71	113
N. M...	5	24	113	386	5	9
N. Y...	434	1,003	1,225	3,619	408	834
N. C...	41	138	1,263	2,387	16	38
N. D...	2	3	7	59	40	72
OHIO...	176	303	433	664	40	72
OKLA...	19	74	30	52	3	4
ORE...	19	74	58	97	17	24
PENN...	449	1,191	392	580	102	171
R. I...	24	93	66	154	12	37
S. C...	122	1,773	539	1,732	22	71
S. D...	4	6	11	64	50	2
TENN...	49	139	1,411	2,300	5	7
TEXAS...	18	50	597	1,784	38	85
UTAH...	48	99	14	17	14	29
VT...	3	4	9	24	5	8
VA...	79	301	1,131	2,867	31	57
WASH...	80	194	58	86	25	39
W. VA...	5	5	1,768	3,464	.....	.....
WIS...	54	87	160	497	44	58
WYO...	.....	.....	4	7	4	7
Total..	5,300	25,639	21,561	53,610	1,684	3,202

PERSIAN OR ENGLISH WALNUTS.

In the year 1899 the production of English walnuts was 10,668,065 pounds, and ten years later, in 1909, the product had increased to 22,026,524 pounds. In the census year 1910 there were 16,867 farms reporting 914,270 trees of bearing age and 19,991 farms reporting 806,413 trees not of bearing age. The value of the 1909 production was estimated at \$2,297,333. California grows nearly all the crop, but we give other states the credit they are entitled to.

State.	Trees of Bearing Age.	Trees Not of Bearing Age.	Production, Pounds.	Value, Dollars.
ALA...	3,022	4,180	43,673	3,557
ARIZ...	103	324	1,000	161
ARK...	1,284	1,260	15,436	1,384
CAL...	853,237	546,804	21,432,266	2,247,193
COLO...	39	80	25	3
DEL...	13	15	222	44
FLA...	786	1,489	28,575	2,018
GA...	3,453	6,996	56,585	4,161
IDA...	407	1,013	633	79
ILL...	772	1,015	3,497	331
IA...	200	.....	.....	.....
KY...	1,227	1,193	35,825	1,499
LA...	1,223	3,390	15,173	1,446
MD...	2,068	1,758	6,916	745
MINN...	1	7	50	5
MISS...	2,705	5,513	66,492	6,949
MO...	1,214	999	5,791	618
NEV...	39	148	200	20
N. J...	429	1,360	2,798	302
N. M...	250	1,641	715	91
N. Y...	456	139	9,346	853
N. C...	2,125	1,731	73,303	3,686
OHIO...	599	220	2,461	154
OKLA...	6,889	5,962	6,700	489
ORE...	9,526	177,001	79,060	8,288
PENN...	198	142	4,523	516
R. I...	1	1	.....	.....
S. C...	1,373	1,834	28,160	2,583
TENN...	437	137	4,157	295
TEX...	9,685	13,015	40,658	3,703
UTAH...	292	484	5,985	533
VA...	3,540	1,642	22,512	1,231
WASH...	3,651	23,406	16,450	2,241
W. VA...	3,035	1,481	17,337	2,153
WYO...	1	.....	.....	.....
Total	914,270	806,413	22,026,524	2,297,336

WHEN FEED IS CONSUMED ON FARMS.

The following tabulation by the Department of Agriculture shows what proportion of each important feedstuff is consumed in each month, 100 per cent. being the year's consumption, for each product. The percentages are derived from reports of about 30,000 crop reports of the actual quantities usually fed monthly on their farms. Pasture, which is not shown here, is the important source of feed in the summer months.

Month.	Corn.	Oats.	Bar- ley.	Rye.
All animals.....	100.0	100.0	100.0	100.0
January.....	11.0	7.1	8.9	7.6
February.....	10.7	7.3	9.0	7.2
March.....	10.2	8.4	9.1	7.5
April.....	9.0	9.8	8.5	9.1
May.....	6.8	9.3	6.9	8.1
June.....	5.5	8.9	8.0	7.8
July.....	4.8	9.0	6.0	7.1
August.....	4.6	9.3	6.3	8.4
September.....	6.2	9.1	8.6	10.2
October.....	8.8	8.1	9.8	10.3
November.....	10.9	6.9	10.9	9.4
December.....	11.5	6.8	9.5	7.3

Month.	Wheat.	Hay.	Silage.	Feed.
All animals.....	100.0	100.0	100.0	100.0
January.....	10.0	14.1	16.5	10.9
February.....	9.2	14.2	16.8	11.5
March.....	9.2	14.2	16.2	11.5
April.....	8.3	12.0	13.7	10.6
May.....	7.2	6.7	5.3	7.7
June.....	6.5	3.7	1.1	5.8
July.....	5.8	3.3	1.0	4.8
August.....	5.9	3.2	1.0	5.4
September.....	7.3	3.6	1.5	5.7
October.....	8.9	5.2	4.1	6.3
November.....	11.4	8.5	9.5	9.2
December.....	10.3	11.3	13.3	10.6

BOSTON, A FAMOUS HORSE.

In 1833, Boston, the phenomenon, a thoroughbred horse, was foaled. He was bred by Judge John Wickham, of Tuckahoe, Virginia. He was "a horse with a backbone like a fence rail and a stiffle like a Durham bull." He ran a mile in the first heat of a longer race in 1:46, which was three-fourths of a second faster than the record at that time. At the height of his career his owner advertised to match Boston against any two horses in the world, to run four-mile heats for no less a sum than \$45,000, taking one horse in one heat and the other in the next. The challenge stood in the advertising columns of the Spirit of the Times without takers.

In 1833 the Ohio Importing Company was organized by Allen Trimble, Duncan McArthur, Felix Renick and others to import cattle, principally Shorthorns.

In the year 1831 superior steel hoes made at Pittsburgh were sold at \$4.50 per dozen. Iron and steel were low in price at that time.

In 1845 was recorded the importation of heifers Rose of Sharon and Young Mary, famous for Shorthorn excellence.

Edwin Forrest, black gelding of unknown breeding, reduced the trotting record to 2:31 1/2.

The Crop of Sorghum Cane.

In the year 1909—the season the last census was based upon—445,684 farms grew sorghum cane, which was seven per cent. of all farms. The total production was 1,647,262 tons, grown upon 444,089 acres. Of the total production 270,775 tons were used as coarse forage and 1,376,487 ton were worked into sorghum syrup. The value of sorghum cane increased from \$3.20 in 1899 to \$6.18 in 1909.

1909.

State.	Farms Re- porting.	Area, Acres.	Forage, Tons.	For Yield Syrup, Acre, Tons.
ALA...	24,545	17,819	4,799	67,589 4.06
ARIZ...	122	586	1,122	329 2.48
ARK...	31,952	33,071	10,082	83,041 2.82
CALIF.	48	647	2,833	188 4.67
COLO...	324	3,169	6,987	174 2.26
CONN.	17	9	121	13.44
DEL...	117	66	6	266 4.12
D. C...				
FLA...	212	379	159	2,014 5.73
GA...	22,098	15,612	4,134	60,202 4.12
IDA...	14	29	229	24 8.72
ILL...	21,971	15,039	856	89,421 6.00
IND...	22,116	12,253	2,072	77,600 6.50
IOWA...	5,364	6,225	4,360	24,597 4.65
KAS...	2,954	15,406	26,377	34,444 3.95
KY...	57,435	62,327	27,899	198,404 3.63
LA...	1,929	1,690	1,388	4,685 3.59
ME...	3	8	97	12.13
MD...	72	75	66	209 3.67
MASS...	1	3	30	10.00
MICH.	1,251	416	608	2,157 6.65
MINN.	3,677	1,709	393	12,857 7.75
MISS...	19,312	17,851	5,032	50,327 3.10
MO...	42,230	45,088	24,441	176,765 4.46
MONT.	9	17	19	18 2.18
NEB...	732	4,034	9,254	1,223 2.60
NEV...	12	14		100 7.14
N. H...				
N. J...				
N. M...	422	2,371	2,379	440 1.19
N. Y...	56	143	621	20 4.48
N. C...	41,620	21,227	1,709	84,753 4.07
N. D...	8	26	122	6 4.92
OHIO...	11,900	4,709	507	28,137 6.08
OKLA...	10,758	25,546	29,404	35,195 2.53
ORE...	85	153	1,654	133 11.68
PENN...	121	90	100	206 3.40
R. I...				
S. C...	10,892	8,445	5,241	22,371 3.27
S. D...	91	297	654	197 2.87
TENN...	47,130	52,907	22,573	183,328 3.89
TEX...	24,872	55,027	70,789	30,902 1.85
UTAH...	155	340	27	1,627 4.86
VT...	1	2	4	2.00
VA...	16,808	8,288	574	40,875 5.00
WASH.	35	66	695	71 11.61
W. VA.	16,720	8,607	3	48,091 5.59
WIS...	5,436	2,281	237	13,498 6.02
WYO...	4	22	103	4.68
Total.	445,684	444,089	270,775	1,376,487 3.71

Sorghum Syrup.

This tabulated statement shows the farm production of sorghum syrup for four different census years, ten years apart, showing quite a decrease in sorghum syrup making. In 1879 the amount of sorghum syrup made was 28,444,202 gallons, and thirty years later the production is only 16,532,382 gallons. The year 1909 was a bad weather year for sorghum, reducing the average of 6.52 tons per acre in 1899 to 3.71 tons per acre in 1909.

SORGHUM SYRUP MADE ON FARMS—GALLONS.

State.	1879.	1889.	1899.	1909.
ALA...	1,163,451	1,242,689	1,168,868	809,361
ARIZ...	5,771	4,808	9,031	3,967
ARK...	1,118,364	1,868,952	1,223,691	1,140,532
CALIF.	2,459	1,670	8,671	4,330
COLO...	3,227	19,964	2,661	2,547
CONN.	1,163	214		
DEL...	25,136	3,371	8,952	4,517
D. C...				
FLA...	10,199	10,461		22,127
GA...	981,152	1,342,840	767,824	740,450
IDA...	136	36	1,393	407
ILL...	2,265,993	1,110,183	625,939	977,238
IND...	1,741,853	751,808	579,061	965,086
IOWA...	2,064,020	1,386,605	521,212	250,205
KAS...	1,429,476	1,484,937	735,787	260,680
KY...	2,962,965	2,094,962	1,277,206	2,733,683
LA...	33,777	107,763	48,727	47,029
ME...		152		
MD...	19,837	4,732	4,058	1,782
MASS...	18	45		
MICH.	102,500	45,524	24,059	21,350
MINN.	543,369	340,792	157,605	145,934
MISS...	1,062,140	972,216	1,162,669	622,356
MO...	4,129,595	2,721,240	1,990,987	1,788,391
MONT.			100	223
NEB...	246,047	634,146	92,413	14,644
NEV...	350	930	1,465	1,266
N. H...		50		
N. J...	1,261	281	450	35
N. M...	251	3,510	2,812	5,289
N. Y...	1,134	8,005	1,973	14
N. C...	964,662	1,268,946	1,419,570	1,099,346
N. D...	17,012	10	114	102
OHIO...	1,229,852	547,630	341,523	354,131
OKLA...		31,299	179,272	514,807
ORE...	2,283	2,706	2,473	1,374
PENN...	69,767	33,708	6,514	2,585
R. I...				
S. C...	281,242	559,216	478,190	262,452
S. D...	16,000	29,372	9,859	2,030
TENN...	3,776,212	2,542,533	2,047,655	2,076,339
TEX...	432,059	1,749,910	877,232	448,185
UTAH...	58,221	24,293	28,017	21,847
VT...				
VA...	564,558	546,328	555,321	441,189
WASH.	1,472	1,125	438	634
W. VA.	817,168	512,747	450,777	604,201
WIS...	314,150	219,070	160,414	139,667
WYO...		120		

Total 28,444,202 16,972,783
Total 21,235,219 16,532,382

THE BRADLEY IMPLEMENTS.

In 1832 Mr. David Bradley, famous as manufacturer of agricultural implements, commenced work in plow making at Syracuse, N. Y. Three years after he removed to Chicago to help erect the first foundry there and was the first man to bring pig iron into that city. The establishment soon began the manufacture of plows. He worked at the bench wooding "Garden City Clipper" plows, whose name and fame have become world-wide. Leaving the employment of others, he soon had a plow shop of his own, and for fifty years saw it growing to larger and larger proportions, right in the heart of Chicago. Mr. Bradley died at the age of 87 years, the oldest plow maker in the United States.

Crimson clover was introduced into the United States by Beddingfield Hands, of Chestertown, Md., in the year 1818.

In 1831 the steel spring (prong) pitchfork was introduced and patented in the United States by Charles Goodyear, of Philadelphia.

CROSSING MERINO SHEEP.

In the year 1826 Hon. Wm. Jarvis, of Weathersfield, Vt., said that he began to cross his imported flock of Spanish Merinos with Saxon sheep. At that time his average fleece was three pounds fourteen ounces to four pounds three ounces. His buck fleeces ranged from five and one-quarter to six and one-half pounds.

In 1831 Benjamin Warfield, of Lexington, Ky., purchased the first pure-bred Short-horn cow owned by him. Foundation of Grasmere Shorthorns.

In 1831 Prince, the naturalist, gave the first native raspberry to come into cultivation its proper name—Common Red. It had been called English Red.

Redfield, investigator of weather conditions, published his first essay, describing action of storms and hurricanes. This was in 1831.

ALFALFA, 1918—1919.

In September the United States Agricultural Department at Washington, D. C., issued a statement of alfalfa production per acre and per state in 1918 and 1919:

State.	Yield Per Acre.		Production.	
	1918.	1919.	1918.	1919.
	Tons.	Tons.	Tons.	Tons.
ALA.....	2.10	2.30	29,000	32,000
ARIZ.....	3.40	4.50	425,000	626,000
ARK.....	2.50	2.65	115,000	132,000
CALIF.....	3.70	4.20	3,719,000	4,431,000
COLO.....	2.50	2.60	1,462,000	1,537,000
CONN.....	2.00	3.00	2,000	3,000
DEL.....	2.60	3.00	8,000	9,000
FLA.....	.....	.....	.....	.....
GA.....	2.10	2.50	17,000	20,000
IDAHO.....	3.10	3.00	1,029,000	1,047,000
ILL.....	2.75	2.75	292,000	305,000
IND.....	2.50	2.30	198,000	182,000
IOWA.....	2.00	2.75	240,000	380,000
KAS.....	2.43	2.70	2,483,000	3,467,000
KY.....	2.07	2.00	87,000	84,000
LA.....	2.20	2.50	55,000	62,000
ME.....	.....	.....	.....	.....
MD.....	2.58	2.70	34,000	38,000
MASS.....	3.00	3.00	3,000	3,000
MICH.....	2.10	2.00	185,000	178,000
MINN.....	2.50	3.20	88,000	118,000
MISS.....	3.00	3.00	105,000	114,000
MO.....	1.90	2.50	95,000	128,000
MONT.....	2.25	1.75	482,000	394,000
NEB.....	1.75	2.90	1,544,000	2,685,000
NEV.....	3.10	3.00	451,000	456,000
N. H.....	.....	.....	.....	.....
N. J.....	2.75	2.70	102,000	105,000
N. M.....	2.35	2.60	254,000	281,000
N. Y.....	2.70	2.72	443,000	452,000
N. C.....	3.00	2.80	9,000	8,000
N. D.....	1.50	2.00	52,000	70,000
OHIO.....	2.60	2.42	252,000	235,000
OKLA.....	1.20	2.10	383,000	710,000
OREGON.....	3.50	3.50	612,000	623,000
PENN.....	2.50	2.80	208,000	238,000
R. I.....	.....	.....	.....	.....
S. C.....	3.00	2.10	9,000	6,000
S. D.....	2.45	2.20	1,134,000	1,120,000
TENN.....	2.25	2.50	32,000	38,000
TEXAS.....	1.70	2.67	184,000	302,000
UTAH.....	2.95	2.60	944,000	866,000
VT.....	2.50	2.80	18,000	20,000
VA.....	2.40	2.45	72,000	78,000
WASH.....	2.90	3.00	496,000	543,000
W. VA.....	2.40	2.20	34,000	31,000
WIS.....	2.50	2.65	95,000	151,000
WYO.....	2.25	2.23	1,100,000	1,090,000
U. S.....	2.49	2.85	19,583,000	23,398,000

PRODUCTION OF TIMOTHY.

In September the United States Department of Agriculture at Washington, D. C., issued a statement of timothy production per acre and by state in 1918 and 1919:

State.	Yield Per Acre.		Production.	
	1918.	1919.	1918.	1919.
	Tons.	Tons.	Tons.	Tons.
ALA.....	1.50	1.30	39,000	32,000
ARIZ.....	.....	.....	.....	.....
ARK.....	1.13	1.25	45,000	49,000
CALIF.....	.....	.....	.....	.....
COLG.....	2.00	1.90	234,000	215,000
CONN.....	1.20	1.60	54,000	88,000
DEL.....	1.35	1.28	51,000	29,000
FLA.....	.....	.....	.....	.....
GA.....	1.30	1.50	6,000	6,000
IDAHO.....	1.55	1.30	298,000	230,000
ILL.....	1.30	1.38	1,343,000	1,354,000
IND.....	1.30	1.25	1,092,000	998,000
IOWA.....	1.20	1.60	1,350,000	1,763,000
KAS.....	.70	1.60	153,000	349,000
KY.....	1.25	1.25	452,000	452,000
LA.....	1.20	.....	2,000	.....
ME.....	1.00	1.30	115,000	150,000
MD.....	1.28	1.43	152,000	172,000
MASS.....	1.10	1.65	22,000	33,000
MICH.....	1.05	1.15	840,000	892,000
MINN.....	1.30	1.70	550,000	654,000
MISS.....	1.80	1.30	5,000	.....
MO.....	.81	1.35	897,000	1,328,000
MONT.....	1.30	.96	154,000	150,000
NEB.....	.90	1.00	108,000	192,000
NEV.....	1.75	1.00	44,000	24,000
N. H.....	1.00	1.50	30,000	46,000
N. J.....	1.35	1.40	154,000	162,000
N. M.....	.....	1.50	.....	.....
N. Y.....	1.21	1.48	1,539,000	1,883,000
N. C.....	1.40	1.40	62,000	60,000
N. D.....	.80	1.00	88,000	110,000
OHIO.....	1.25	1.39	1,292,000	1,322,000
OKLA.....	.75	.....	5,000	.....
OREGON.....	1.60	1.60	56,000	54,000
PENN.....	1.35	1.40	1,515,000	1,571,000
R. I.....	1.00	1.60	5,000	8,000
S. C.....	.....	.....	.....	.....
S. D.....	1.33	1.45	133,000	139,000
TENN.....	1.45	1.35	248,000	224,000
TEX.....	.....	.....	.....	.....
UTAH.....	2.00	1.00	70,000	61,000
VT.....	1.00	1.50	105,000	159,000
VA.....	1.25	1.32	231,000	247,000
WASH.....	1.55	2.00	186,000	230,000
W. VA.....	1.35	1.25	475,000	426,000
WIS.....	1.30	1.63	1,312,000	1,183,000
WYO.....	1.60	1.31	32,000	24,000
U. S.....	1.22	1.41	15,534,000	17,056,000

PRODUCTION OF SORGHUM SYRUP.

A certain acreage is devoted to the production of sorghum cane for syrup, and the following table shows the amount produced in the last four years:

Year.	Acre.	Av.	Gallons.
1916.....	157,000	87.3	13,668,000
1917.....	415,200	90.3	37,472,000
1918.....	372,000	78.4	29,224,000
1919.....	384,600	95.0	35,128,000

THE CROP OF ORANGES.

Oranges are raised to an important extent in only two states. The figures herewith show the latest totals reported:

Year.	Boxes.
1915.....	21,200,000
1916.....	23,835,000
1917.....	10,593,000
1918.....	19,587,000

In 1835 a new variety of potato called Perkins' Seedling, was originated by planting a seed ball a year or two before.

In September of 1835 the first Agricultural Fair in Missouri was held at Columbia, Boone county.

In 1835 the Magazine of Horticulture was established at Boston, Mass., by C. M. Hovey.

In the year 1835 extensive greenhouses had been erected in the vicinity of New York, Boston and Philadelphia. One established at Long Island had houses aggregating 400 feet in length.

In Warren and Butler counties, Ohio, in 1835, a local breed of swine known at this time as the Warren County Hog and the "Big Spotted," were afterwards included as Poland-Chinas.

James Smith, of Deanston, England, promulgated his system of thorough draining and deep plowing in 1835.

In 1835 Captain James Knight, of Nashville, Tenn., bought a fine jack in Virginia named John Bull, third descendant of Royal Gift.

In 1835 Lord Western, of England, introduced Neapolitan swine from Italy to improve the Essex pigs.

Baling presses were known to be made in the state of Maine about 1835.

"MADE THE WEEDS GROW."

In 1835, in England, Sir Robert Peel presented a farmers' club with two iron plows, went back afterwards to see the work done with them and found the plows with wooden moldboards again at work. "Sir," said a member, "we tried the iron and be all of one mind that they made the weeds grow."

In 1835 Norton's Virginia grape—an offspring of the wild summer grape of the Southern and Middle States—was found on Cedar Island, in the James river, near Richmond, Va.

THE CORN CROP OF 1919.

The first estimate of the corn crop of 1919 is made by the United States Department of Agriculture in July. It is not expected to be a large crop, the estimate being surpassed four times by actual crops.

State.	1918. Bushels.	1919. Acres.	1919. Bushels.
ALA...	67,686,000	4,497,000	66,046,000
ARIZ...	1,183,000	37,000	1,183,000
ARK...	35,100,000	2,673,000	53,460,000
CALIF...	2,918,000	87,000	2,918,000
COLO...	10,768,000	580,000	10,768,000
CONN...	2,800,000	55,000	2,703,000
DEL...	7,285,000	235,000	7,666,000
FLA...	14,080,000	898,000	12,518,000
GA...	68,850,000	4,682,000	66,063,000
IDAHO...	826,000	24,000	826,000
ILL...	351,450,000	8,712,000	314,024,000
IND...	169,554,000	4,181,000	184,697,000
IOWA...	375,624,000	10,225,000	364,726,000
KAS...	43,523,000	4,291,000	76,466,000
KY...	93,600,000	3,348,000	91,066,000
LA...	29,600,000	1,850,000	33,994,000
MAINE...	1,215,000	19,000	899,000
MD...	24,010,000	693,000	25,309,000
MASS...	2,080,000	39,000	1,922,000
MICH...	48,500,000	1,705,000	65,403,000
MINN...	110,000,000	2,970,000	108,464,000
MISS...	66,300,000	3,783,000	58,258,000
MO...	123,860,000	5,756,000	147,354,000
MONT...	2,100,000	128,000	2,301,000
NEB...	123,086,000	6,745,000	181,085,000
NEV...	62,000	2,000	62,000
N. H...	1,260,000	25,000	1,219,000
N. J...	11,439,000	279,000	11,300,000
N. M...	5,268,000	196,000	5,268,000
N. Y...	29,520,000	804,000	33,286,000
N. C...	64,365,000	3,126,000	63,989,000
N. D...	9,196,000	484,000	12,778,000
OHIO...	133,200,000	3,626,000	145,221,000
OKLA...	24,375,000	3,088,000	52,805,000
OREGON...	1,571,000	51,000	1,571,000
PENN...	62,400,000	1,544,000	66,770,000
R. I...	572,000	1,000	455,000
S. C...	38,250,000	2,340,000	39,803,000
S. D...	108,188,000	3,341,000	92,011,000
TENN...	84,000,000	3,290,000	80,556,000
TEXAS...	69,000,000	7,176,000	168,980,000
UTAH...	653,000	24,000	653,000
VT...	1,710,000	46,000	2,340,000
VA...	56,000,000	1,900,000	51,870,000
WASH...	1,393,000	45,000	1,393,000
W. VA...	24,800,000	800,000	26,040,000
WIS...	69,538,000	1,820,000	75,676,000
WYO...	1,000,000	44,000	915,000
Total*	3,582,814,000	102,977,000	2,815,430,000

TRUCK CROP ESTIMATES.

The following estimates by the United States Agricultural Department, so far as issued to July, 1919, are official. The missing figures are to be furnished later.

Unit.	1918 Acres.	Produc- tion.	1919 Acres.	Produc- tion.
Early Cabbage.				
Tons....	39,800	142,900	23,100	92,500
Cantaloupes.				
Cars....	42,400	16,500	62,400	28,200
Celery.				
.....	14,400	.....	10,000	.....
Lettuce.				
.....	13,633	.....	10,917	.....
Onions.				
Bushels...	35,800	13,438,200	35,000	.....
Peppers.				
.....	9,827	.....	9,390	.....
Early Irish Potatoes.				
Cars....	255,000	48,900	187,500	35,300
Strawberries.				
Cars....	88,500	11,500	62,000	9,500
Spinach.				
Barrels...	12,500	1,585,000	10,600	1,175,000
Watermelons.				
Cars....	75,697	27,500	114,200	39,500

In 1835 fifty miles were trotted in three hours and fifty-seven seconds by a horse of unknown pedigree called Black Joke.

Mr. Thomas Ferguson, of Kinectry, Scotland, founded a herd of Aberdeen-Angus cattle in 1835.

Major Joel Garnett, of Kentucky, sent to Pennsylvania and purchased fifteen of the Hampshire breed of hogs in 1835.

COMMERCIAL PEACH REPORT.

The Agricultural Department at Washington published the following as a special commercial peach report, dated July 1, 1919. It also contains the final commercial peach production as estimated for 1918.

State.	Final, 1918. Bushels.	July, 1919. Bushels.
NEW HAMPSHIRE...	11,000
MASSACHUSETTS...	52,000
CONNECTICUT...	101,000
NEW YORK...	1,092,000
NEW JERSEY...	840,000
PENNSYLVANIA...	428,000
DELAWARE...	212,000
MARYLAND...	357,000
VIRGINIA...	201,000
WEST VIRGINIA...	594,000
NORTH CAROLINA...	110,000
SOUTH CAROLINA...	49,000
GEORGIA...	2,964,000
OHIO...	238,000
INDIANA...	18,000
ILLINOIS...	287,000
MICHIGAN...	195,000
MISSOURI...	174,000
KENTUCKY...	15,000
TENNESSEE...	131,000
ALABAMA...	114,000
TEXAS...	749,000
OKLAHOMA...	385,000
ARKANSAS...	1,411,000
COLORADO...	676,000
NEW MEXICO...	23,000
UTAH...	892,000
IDAHO...	180,000
WASHINGTON...	1,350,000
OREGON...	173,000
CALIFORNIA*	16,060,000
TOTAL U. S.	20,797,000	30,032,000

*Attention is called to the fact that approximately 88 per cent. of the California peach crop is either canned or dried.

COMMERCIAL APPLE CROP.

The enclosed is a special commercial apple report, dated July, 1919, by the United States Department of Agriculture.

District.	Final, 1918. Barrels.	July, 1919. Barrels.
Western New York.....	4,800,000	1,664,000
Hudson Valley.....	647,000	787,000
Southern Ohio.....	317,000	115,000
Sherandoah- Cumberland District.....	2,600,000	2,200,000
Piedmont District.....	465,000	523,000
New England Baldwin Belt.....	645,000	1,125,000
Western Michigan.....	750,000	579,000
Western Illinois.....	480,000	376,000
Southern Illinois.....	300,000	450,000
Ozark Region.....	429,000	731,000
Missouri River Region.....	650,000	1,056,000
Arkansas River Region.....	123,000	210,000
Pacific Northwest.....	5,449,000	7,657,000
Colorado.....	527,000	854,000
California.....	1,127,000	1,224,000

COMMERCIAL PEAR REPORT.

A heavy pear crop in California and the West generally, contrasted with poor conditions in such important pear states as New York, Michigan, Illinois, New Jersey and Delaware, is the most important fact brought out in the special commercial pear report released by the Bureau of Crop Estimates on July 9.

The total commercial pear production for the United States is now estimated at 7,691,000 bushels, as compared with 7,589,000 bushels last year, or 1.3 per cent. increase, as compared with 1918.

State.	1918. Bushels.	July, 1919. Bushels.
NEW YORK...	828,000	540,000
NEW JERSEY...	211,000	200,000
ILLINOIS...	104,000	140,000
MICHIGAN...	307,000	96,000
MISSOURI...	21,000	38,000
TEXAS...	60,000	75,000
COLORADO...	182,000	275,000
WASHINGTON...	1,300,000	1,560,000
OREGON...	406,000	575,000
CALIFORNIA...	3,871,000	4,000,000
DELAWARE...	296,000	192,000
TOTAL U. S.	7,589,000	7,691,000

SUGAR FROM SUGAR BEETS.

This statement is from the census of 1910. It is one of those items of information which is valuable to those who are interested. Its value is for making comparisons. We are approaching a new census which will soon show later conditions.

1909.

State.	Yield Aver- age Acres.	Per Tons.	Value Per Ton.	Value Per Acree.	Value of Crop.
ALA...	1.5	2.39	\$ 9.19	\$ 21.94	\$ 395
ARIZ...	6.63	11.17	4.78	53.34	236,997
ARK...	1.6	1.92	8.43	16.17	3,945
CALIF...	70.9	10.70	5.11	54.72	4,320,532
COLO...	2.21	11.40	4.92	56.08	6,061,152
CONN...					
DEL...	1.0	8.33	7.44	62.00	186
D. C...					
FLA...	1.0	1.50	20.00	30.00	60
GA...	0.7	9.35	8.45	28.27	1,385
IDAHO	15.0	11.32	4.53	52.15	813,604
ILL...	4.0	12.69	5.19	65.82	77,732
IND...	6.9	9.52	5.68	54.05	40,861
IOWA...	4.3	6.77	4.92	33.32	35,024
KAS...	27.9	8.67	5.05	43.80	256,262
KY...	1.2	3.52	5.84	20.52	3,939
LA...	0.3	15.00	16.00	240.00	240
MAINE...	0.5	9.43	9.16	86.38	1,814
MD...	0.6	16.20	6.68	108.20	541
MASS...	1.1	10.03	12.49	125.26	9,269
MICH...	5.4	8.98	5.67	50.95	4,014,123
MINN...	2.9	10.79	4.91	53.00	118,625
MISS...	0.6	3.63	9.42	34.21	650
MO...	1.7	2.81	5.74	16.14	2,905
MONT...	23.9	12.43	5.00	62.11	546,832
NEB...	12.8	9.51	4.52	43.01	180,247
NEV...	0.8	12.00	5.53	56.33	199
N. H...	1.0	41.67	8.04	335.00	1,005
N. J...	1.3	14.69	4.94	72.64	2,615
N. M...	1.9	4.35	6.24	27.13	1,492
N. Y...	3.5	8.37	5.39	45.09	59,200
N. C...	1.2	2.18	7.46	16.26	634
N. D...	0.8	19.67	6.27	123.33	370
OHIO...	6.2	9.05	5.02	45.43	319,667
OKLA...	2.0	1.73	7.56	13.12	2,715
ORE...	5.7	13.27	4.80	63.69	74,902
PENN...	0.8	14.04	7.28	102.21	5,826
R. I...	1.5	1.90	13.33	13.33	40
S. C...	1.4	4.83	12.51	22.85	1,188
S. D...	0.6	5.60	5.86	32.80	164
TENN...	1.4	2.57	6.55	16.83	2,810
TEXAS...	1.8	2.09	9.69	20.20	5,919
UTAH...	7.5	15.07	4.49	67.65	1,858,600
VT...	0.5	9.29	7.00	64.40	325
VA...	0.6	4.70	9.26	43.50	870
WASH...	4.8	7.58	6.23	47.23	85,954
W. VA...			7.31		329
WIS...	2.9	10.30	5.23	53.90	667,185
WYO...	8.9	11.12	4.58	50.87	61,398

Average 10.2 10.80 \$ 5.06 \$ 54.60 \$19,880,724

In 1832 Mr. Thomas Hogg devised a system representing important principles of hot-water heating for greenhouses.

In 1831 Youatt, an eminent writer on live stock subjects, mentions Normandy, in France, as noted for its horses.

In 1822 the Winnebago Indians at Lake Koshkonong sold 4,000 bushels of corn to General Atkinson when he was pursuing the Indian Chief Blackhawk.

In 1833, on November 19th, a patent for a method of cultivating or working land by steam power was first issued in the United States to E. C. Bellinger, of South Carolina, but the invention never went into general use.

Kendrick, in the "New American Orchardist," suggested the blackberry as being worthy of cultivation. This was in 1832.

In 1822 Mr. Jonas Webb, of Suffolk, England, recorded as successor of John Ellman in improvement of Southdown sheep.

In the year 1833 Antoine LeClaire established an orchard at Davenport, in Scott county, Iowa. This orchard contained about 400 trees, which were brought by boat from Cincinnati, Ohio, and was the second orchard started in that state.

SUGAR BEET PRODUCTION, 1910.

Only once in ten years do we obtain an actual census of agricultural productions, state by state. This is a sugar beet statement from the census taken in 1910. The amount of sugar beets used for forage and the quantity used in the manufacture of sugar is given. The bottom line represents the census of 1900.

1910.

State.	Farms Re- porting.	Area, Acres.	Produc- tion, Tons.	Used as Forage.	Used For Sugar.
ALA...	12	18	43	43	
ARIZ...	67	4,443	49,630	6	49,624
ARK...	155	244	468	468	
CAL...	1,113	78,957	845,191	1,922	843,269
COL...	4,898	108,082	1,231,712	994	1,230,718
CONN...					
DEL...	3	3	25	25	
D. C...					
FLA...	2	2	2	2	
GA...	75	49	164	164	
IDA...	1,037	15,601	179,661	23	179,638
ILL...	293	1,181	14,981	65	14,916
IND...	109	756	7,194	646	6,548
IA...	247	1,051	7,117	155	6,962
KAS...	210	5,851	50,736	151	50,585
KY...	160	192	675	675	
LA...	3	1	15	15	
ME...	43	21	198	198	
MD...	8	5	81	81	
MASS...	65	74	742	742	
MICH...	4,690	78,779	707,639	649	706,990
MINN...	774	2,238	24,140	384	23,756
MISS...	30	19	69	69	
MO...	106	180	506	506	
MONT...	369	8,804	109,434	658	108,776
NEB...	327	4,191	39,874	118	39,756
NEV...	4	3	36	36	
N. H...	3	3	125	125	
N. J...	28	36	529	529	
N. M...	29	55	239	72	167
N. Y...	376	1,313	10,990	930	10,060
N. C...	32	39	85	85	
N. D...	4	3	59	59	
OHIO...	1,139	7,036	63,696	150	63,546
OKLA...	101	207	359	359	
ORE...	208	1,176	15,603	9,093	6,513
PENN...	71	57	800	800	
R. I...	2	3	3	3	
S. C...	37	52	95	95	
S. D...	9	5	28	28	
TENN...	123	167	429	429	
TEX...	161	293	611	611	
UTAH...	5,644	27,472	413,946	135	413,811
VT...	11	11	46	46	
VA...	36	20	94	94	
WASH...	381	1,820	13,794	7,238	6,556
W. VA...	10		45	45	
WIS...	4,341	12,379	127,526	880	126,646
WYO...	136	1,207	13,418	184	13,234

Total 35,682 364,093 3,932,857 30,786 3,902,071
1900. 14,035 110,170 733,353

In 1831, December 10, The Spirit of the Times, great sporting paper, started as a weekly, with Wm. T. Porter as editor, in New York City. The last issue of this paper was in December, 1902, when it was consolidated with The Chicago Horseman.

In 1833 William Smith was born. He invented the stump puller in 1861. He died in 1910 at La Crescent, Minn.

In 1833, in the New American Orchardist, William Kenrick mentions twenty-three varieties of figs.

Daniel Pratt, a native of New Hampshire, commenced the manufacture of cotton gins in Autauga county, Alabama, in 1833.

In 1833, Obed Hussey, of Cincinnati, Ohio, received a patent for a reaping machine which obtained favorable recognition in several states. Five years later a manufactory was established at Baltimore.

In the year 1835 the Bloodgood pear was brought into notice by James Bloodgood, of Flushing, Long Island.

In 1833 The Maine Farmer was established at Augusta, Me.

CABBAGE, CAULIFLOWER, KALE.

During the year the last census was taken the United States had 43,843 farms reporting cabbages on 125,998 acres; 1,060 farms raising cauliflower, occupying 3,466 acres, and 337 farms producing kale on 1,495 acres. Although changes have been made since the census was taken, this is a good line of basic information for purpose of comparison.

State.	Farms.	Cabbage. Acre- age.	Cauliflower. Acre- age.	Kale. Acre- age.
ALA....	354	1,366	1	1
ALA....	254	1,366	1	1
ARIZ....	66	147		
ARK....	139	206		2 3
CALIF....	591	3,647	87	790 14 22
COLO....	733	2,568	11	30
CONN....	411	733	8	18 1 2
DEL....	118	200		
D. C....	38	102		20 33
FLA....	755	3,028	52	105
GA....	497	806		1 2
IDAHO....	159	280	1	2
ILL....	1,740	5,207	112	227
IND....	1,010	2,107	1	1 6 9
IOWA....	501	2,789	5	6
KAS....	366	1,007	2	2 1 2
KY....	395	738	6	7 65 105
LA....	531	1,962	8	21
MAINE....	185	353	4	4
MD....	1,276	3,481	2	19 48 153
MASS....	1,227	2,442	75	126 5 11
MICH....	1,832	4,314	22	39
MINN....	858	2,315	11	16
MISS....	582	1,396		
MO....	635	959	17	45 25 43
MONT....	178	359	3	7
NEB....	164	348	1	1
NEV....	30	45	2	3
N. H....	90	163	1	1
N. J....	1,991	4,864	38	85 4 12
N. M....	62	106		
N. Y....	11,321	35,269	505	1,720 14 34
N. C....	655	1,371		
N. D....	80	109		
OHIO....	2,436	6,279	19	30 11 12
OKLA....	68	127	1	1
OREGON	255	591	14	34 12 31
PENN....	3,106	5,679	4	4 1 1
R. I....	98	192	2	3 2 3
S. C....	241	1,828		
S. D....	79	175		
TENN....	709	1,189		
TEXAS....	1,066	4,462	9	18
UTAH....	114	210	6	10
VT....	75	98		
VA....	2,516	8,680		101 1,013
WASH....	405	934	13	22
W. VA....	139	212		4 4
WIS....	2,947	10,506	14	68
WYO....	24	32		
U. S....	43,843	125,998	1,060	3,466 337 1,495

THE HOP CENSUS, 1899 AND 1909.

This is the hop census taken last time and shows that four states produced nearly all the hops. Under present conditions hops may be grown largely for export.

State.	1899. Acre- age.	1909. Acre- age.	1899. Pro- duction.	1909. Pro- duction.
ALA....	1	2	440	100
ARIZ....	1		600	
ARK....	1		530	
CALIF....	6,890	8,391	10,124,660	11,994,953
CONN....				15
DEL....		1		28
IDAHO....	63		58,870	110
ILL....		2		86
IND....	1		640	56
IOWA....			120	2,625
KAS....				10
KY....	4	6	1,688	4,005
LA....				5
MD....		7	230	461
MASS....	13		7,480	20
MICH....	10		3,560	58
MINN....			51	372
MISS....			15	
MO....	1	2	383	296
NEB....			50	104
NEV....			100	
N. H....			60	
N. J....			75	38
N. Y....	27,532	12,023	17,332,349	8,677,138
N. C....		1	85	763
OHIO....	3	18	2,910	2,428
ORE....	15,433	21,770	14,675,557	16,582,562
PEN....	13		13,710	2,205
R. I....			40	
S. D....			50	
TENN....			307	220
VT....	6		4,400	
VA....		6	165	4,039
WASH....	5,296	2,433	6,813,830	3,432,504
W. VA....	1		662	257
WIS....	342	30	165,346	13,290
Total.	55,613	44,693	49,209,704	40,718,748

WORLD'S CROP OF OATS.

These figures give, so far as known, the totals of the world's crop of oats for twenty-one years, showing considerable gains, one year with another.

Year.	Bushels.	Year.	Bushels.
1895...	3,008,154,000	1906...	3,544,961,000
1896...	2,847,115,000	1907...	3,603,896,000
1897...	2,633,971,000	1908...	3,591,012,000
1898...	2,903,974,000	1909...	4,312,882,000
1899...	3,256,256,000	1910...	4,182,410,000
1900...	3,166,002,000	1911...	3,808,561,000
1901...	2,862,615,000	1912...	4,617,394,000
1902...	2,626,303,000	1913...	4,697,437,000
1903...	3,378,034,000	1914...	4,034,857,000
1904...	3,611,302,000	1915...	4,416,578,000
1905...	3,510,167,000	1916...	

WORLD'S WHEAT CROPS.

The world's wheat crops from year to year show decided enlargement of the supply, also that considerable variations exist from year to year.

Year.	Bushels.	Year.	Bushels.
1891...	2,432,322,000	1904...	3,163,542,000
1892...	2,481,805,000	1905...	3,327,084,000
1893...	2,559,174,000	1906...	3,434,354,000
1894...	2,660,557,000	1907...	3,133,965,000
1895...	2,593,312,000	1908...	3,182,105,000
1896...	2,506,320,000	1909...	3,581,519,000
1897...	2,236,268,000	1910...	3,575,055,000
1898...	2,948,305,000	1911...	3,551,795,000
1899...	2,783,885,000	1912...	3,791,951,000
1900...	2,610,751,000	1913...	4,127,437,000
1901...	2,935,957,000	1914...	3,585,916,000
1902...	3,090,116,000	1915...	4,094,480,000
1903...	3,189,813,000	1916...	3,701,333,000

THE HOVEY STRAWBERRY.

In 1833 Charles Mason Hovey began a series of experiments and finally produced Hovey's seedling strawberry, which became the leading berry for thirty years and actually caused strawberry culture to become a popular and profitable industry. It was the first strawberry suited to climate and conditions of America. It is now extinct.

In 1853 Isaac Hoskins moved from New Bedford, Mass., to Wakeman, Ohio, carrying with him white hogs that helped to establish the Todd Improved Chester Whites.

WORLD'S CROP POTATOES.

The European war has demoralized the potato crop, also the reports from countries at war. The general supply under peaceful conditions would be larger than ever. Late figures are not available.

Year.	Bushels.	Year.	Bushels.
1900...	4,382,031,000	1909...	5,595,567,000
1901...	4,669,000,000	1910...	5,242,278,000
1902...	4,674,000,000	1911...	4,842,109,000
1903...	4,409,793,000	1912...	5,872,953,000
1904...	4,298,049,000	1913...	5,802,910,000
1905...	5,254,598,000	1914...	5,016,000,000
1906...	4,789,112,000	1915...	5,361,898,000
1907...	5,122,078,000	1916...	
1908...	5,295,043,000	1916...	

WORLD'S COTTON CROP.

The world's cotton production is not easily ascertained. The United States, British India and Egypt are the countries of importance raising cotton, but Central Asia is in the business.

Year.	Bales.	Year.	Bales.
1900...	15,893,591	1909...	20,679,334
1901...	15,926,045	1910...	22,243,209
1902...	17,331,503	1911...	21,754,000
1903...	17,278,881	1912...	19,578,095
1904...	21,005,125	1913...	21,271,000
1905...	18,342,075	1914...	25,804,000
1906...	22,183,148	1915...	17,659,126
1907...	18,328,613	1916...	
1908...	23,688,292	1917...	

TAME AND WILD HAY, 1919.

This statement is from the Agricultural Department report of tame and wild hay, crop of 1918. Date of estimate, September, 1919.

State.	Tame Hay.		Wild Hay.	
	1918.	1919.	1918.	1919.
	Tons.	Tons.	Tons.	Tons.
ALA.	1,293,000	1,703,000	35,000	35,000
CAL.	2,970,000	4,257,000	173,000	205,000
COLO.	2,045,000	2,028,000	434,000	415,000
CONN.	524,000	553,000	12,000	14,000
GA.	615,000	684,000	12,000	13,000
ARIZ.	480,000	660,000	13,000	17,000
ARK.	524,000	564,000	123,000	184,000
DEL.	100,000	101,000	12,000	13,000
FLA.	120,000	138,000	10,000	10,000
IDA.	1,934,000	1,468,000	124,000	102,000
ILL.	4,552,000	4,422,000	110,000	106,000
IND.	3,204,000	2,562,000	72,000	65,000
KAS.	3,227,000	4,351,000	607,000	1,187,000
KY.	1,394,000	1,314,000	5,000	6,000
LA.	260,000	360,000	38,000	57,000
ME.	1,375,000	1,435,000	22,000	24,000
MD.	639,000	653,000	7,000	8,000
IOWA.	4,286,000	5,277,000	684,000	705,000
MASS.	563,000	657,000	20,000	24,000
MICH.	2,676,000	2,962,000	42,000	51,000
MINN.	2,590,000	3,381,000	1,955,000	2,358,000
MISS.	416,000	535,000	48,000	46,000
MO.	2,690,000	3,794,000	104,000	157,000
MONT.	1,227,000	675,000	362,000	106,000
NEB.	2,381,000	4,422,000	2,277,000	2,989,000
NEV.	575,000	575,000	72,000	108,000
N. H.	543,000	590,000	18,000	20,000
N. M.	361,000	378,000	20,000	61,000
N. J.	490,000	514,000	44,000	41,000
N. Y.	5,375,000	6,860,000	50,000	62,000
N. D.	574,000	950,000	1,904,000	2,513,000
OHIO.	4,095,000	3,779,000	3,000	3,000
OKLA.	677,000	1,264,000	302,000	661,000
ORE.	1,467,000	1,846,000	176,000	155,000
PENN.	4,272,000	4,097,000	13,000	18,000
N. C.	684,000	751,000	46,000	48,000
R. I.	75,000	30,000	1,000	1,000
S. C.	286,000	304,000	10,000	11,000
S. D.	1,235,000	1,146,000	3,282,000	3,151,000
TENN.	1,62,000	1,564,000	28,000	36,000
TEX.	581,000	1,171,000	150,000	265,000
UTAH	1,020,000	889,000	106,000	97,000
VT.	1,291,999	1,490,000	13,000	15,000
VA.	1,542,000	1,519,000	8,000	9,000
WASH.	1,429,000	1,963,000	35,000	31,000
W. VA.	1,037,000	1,037,000	7,000	7,000
WIS.	3,537,000	4,335,000	456,000	478,000
WYO.	1,218,000	663,000	330,000	133,000

U. S. 76,069,000 86,723,000 14,374,000 16,821,000

LATE ONIONS.

Detailed estimates, by states, of commercial acreage and total production in 1918 of late onions, and of acreage planted in 1919, with a forecast of production based upon the condition of the crop as reported August 1, 1919, are as follows:

State.	Forecast of Production, 1918.		Yield, 1918.		Pro- duction, 1918.	
	Cars.	Acres.	Acres.	els.	Cars.	Cars.
MASSACHUSETTS..	2,721	4,600	475	3,641		
NEW YORK.....	4,387	8,750	408	5,950		
PENNSYLVANIA....	91	200	283	95		
OHIO.....	2,952	6,050	312	3,146		
INDIANA.....	1,968	2,950	362	1,780		
MICHIGAN.....	618	1,200	414	828		
WISCONSIN.....	441	900	382	573		
MINNESOTA.....	1,105	1,350	416	936		
COLORADO.....	362	1,350	244	548		
UTAH.....	121	100	510	85		
IDAHO.....	66	30	575	28		
WASHINGTON.....	412	700	400	466		
OREGON.....	480	750	235	293		
CALIFORNIA.....	4,029	6,900	350	4,025		

TOTAL..... 20,353 35,830 375 22,394
Cars of 600 bushels each.

The California report does not include acreage grown under contract with seedsmen. It is reported that 1,700 acres in the Delta district have been contracted by seedsmen as compared with 2,500 acres in 1918.

A Shorthorn cow, Princess, was sold by H. Clay, Jr., of Kentucky, for \$2,000 in the year 1834.

WOOL PRODUCTION, 1919.

This statement, issued by the Department of Agriculture, shows corrected estimate for 1918 and the September estimate for 1919:

State.	1918.		1919.	
	Pounds.	Pounds.	Pounds.	Pounds.
ALABAMA.....	368,000	405,000		
ARIZONA.....	5,630,000	5,236,000		
ARKANSAS.....	402,000	422,000		
CALIFORNIA.....	12,545,000	13,298,000		
COLORADO.....	9,261,000	8,983,000		
CONNECTICUT.....	76,000	84,000		
DELAWARE.....	31,000	31,000		
FLORIDA.....	426,000	460,000		
GEORGIA.....	418,000	422,000		
IDAHO.....	21,500,000	22,145,000		
ILLINOIS.....	4,048,000	4,129,000		
INDIANA.....	4,765,000	5,337,000		
IOWA.....	4,600,000	5,060,000		
KANSAS.....	1,624,000	1,754,000		
KENTUCKY.....	3,058,000	3,211,000		
LOUISIANA.....	594,000	612,000		
MARYLAND.....	773,000	812,000		
MAINE.....	883,000	936,000		
MASSACHUSETTS...	119,000	125,000		
MICHIGAN.....	8,765,000	9,554,000		
MINNESOTA.....	3,200,000	3,594,000		
MISSISSIPPI.....	619,000	656,000		
MISSOURI.....	7,183,000	7,614,000		
MONTANA.....	18,085,000	17,750,000		
NEBRASKA.....	1,696,000	1,730,000		
NEVADA.....	10,000,000	10,500,000		
NEW HAMPSHIRE...	192,000	202,000		
NEW JERSEY.....	88,000	92,000		
NEW MEXICO.....	17,132,000	15,076,000		
NEW YORK.....	3,830,000	4,022,000		
NORTH CAROLINA...	570,000	587,000		
NORTH DAKOTA...	1,560,000	1,664,000		
OHIO.....	12,600,000	13,104,000		
OKLAHOMA.....	511,000	526,000		
OREGON.....	13,500,000	14,040,000		
PENNSYLVANIA.....	4,774,000	5,013,000		
RHODE ISLAND...	24,000	25,000		
SOUTH CAROLINA...	103,000	103,000		
SOUTH DAKOTA...	4,747,000	5,223,000		
TENNESSEE.....	1,954,000	2,052,000		
TEXAS.....	11,800,000	14,986,000		
UTAH.....	15,800,000	15,800,000		
VERMONT.....	663,000	690,000		
VIRGINIA.....	1,800,000	1,962,000		
WASHINGTON.....	5,504,000	5,779,000		
WEST VIRGINIA...	2,830,000	2,943,000		
WISCONSIN.....	2,850,000	3,306,000		
WYOMING.....	32,760,000	33,415,000		

UNITED STATES... 256,870,000 265,459,000

SOY BEANS FOR GRAIN.

Soy bean acreage and production for the years 1917 and 1918 are thus stated in October, 1919, by the United States Department of Agriculture:

State.	Acreage.		Production, Bu.	
	1917.	1918.	1917.	1918.
PENN..	2,000	2,000	37,000	34,000
VA.....	25,000	28,000	450,000	630,000
N. C....	68,000	85,000	1,088,000	1,700,000
S. C....	2,000	1,000	14,000	6,300
GA.....	1,000	1,000	14,000	11,000
OHIO...	2,000	2,000	14,000	14,000
IND....	2,000	2,000	30,000	30,000
ILL....	6,000	5,000	78,000	50,000
MO....	5,000	5,000	50,000	40,000
KY....	4,000	5,000	48,000	60,000
TENN..	5,000	2,000	50,000	10,000
ALA....	15,000	22,000	180,000	240,000
MISS..	6,000	8,000	72,000	96,000
OTHER.	12,000	12,000	120,000	120,000

U. S.... 153,000 180,000 2,245,000 3,041,000

DANIEL WEBSTER'S PLOW.

In 1836 Daniel Webster, the statesman, invented a plow for work twelve and fourteen inches deep, cutting a furrow twenty-four inches wide. It is still in existence—twelve feet long, the beam twenty-eight inches from the ground, and the landside four feet long. It was designed for a field which was full of roots.

IMPORTED GLENCOE.

In 1836 James Jackson, of Alabama, sent to England for the best thoroughbred there, and the horse imported was Glencoe. He was sire of Pocahontas, the great thoroughbred matron. Glencoe died at the age of twenty-six years; owned by A. Keene Richards, of Kentucky.

LATEST CROP ESTIMATES.

The crop estimates made by the United States Department of Agriculture commence as soon as possible and change from month to month until there is a reasonable expectation of their being correct. But the estimates are not considered to be final until December, and then corrections appear to be still in order. These figures are dated November 1st, 1919, and were received by AGRICULTURAL STATISTICS November 17th. The full reports are due in our next edition.

November 1, 1919.

Corn.....	Bushels.	2,910,250,000
Winter Wheat.....	do.	715,301,000
Spring Wheat.....	do.	203,170,000
All Wheat.....	do.	918,471,000
Oats.....	do.	1,219,521,000
Barley.....	do.	198,298,000
Rye.....	do.	84,552,000
Potatoes.....	do.	352,025,000
Sweet Potatoes.....	do.	102,946,000
Flaxseed.....	do.	9,450,000
Rice.....	do.	44,261,000
Apples.....	do.	144,429,000
Peaches.....	do.	51,327,000
Pears.....	do.	13,628,000
Beans (Six States).....	do.	12,690,000
Kaffirs (Six States).....	do.	123,343,000
Peanuts.....	do.	44,966,000
Clover Seed.....	do.	967,000
Buckwheat.....	do.	20,120,000
Onions.....	do.	10,784,000
Tobacco.....	Pounds.	1,316,553,000
Hops.....	do.	33,121,000
Hay, Tame.....	Tons.	86,723,000
Hay, Wild.....	do.	16,821,000
Hay (All).....	do.	103,544,000
Sugar Beets.....	do.	7,298,000
Cabbage.....	do.	388,000
Sugar Beets.....	do.	7,298,000
Broom Corn.....	do.	50,000
Cranberries.....	Barrels.	546,000
Sorghum (Syrup).....	Gallons.	33,668,000
Cotton.....	Bales.	10,676,000

INCREASE IN NUMBER OF FARMS.

This statement shows the number of farms in the United States, also the average acreage of farms each census period, together with an estimate for 1919. Another census will be taken in 1920.

Year.	No. of Farms.	Acres.
1850.....	1,449,073	202.6
1860.....	2,044,077	199.2
1870.....	2,659,985	153.3
1880.....	4,008,907	133.7
1890.....	4,564,641	136.5
1900.....	5,737,372	146.2
1910.....	6,361,562	138.1
1919.....	7,350,000	134.0

MILL FOR GRINDING WHEAT.

It was announced in December of 1835 that a Mr. Bailey, of Hartford, Conn., had invented a cast iron grist mill, which had been tested by grinding wheat, rye and corn, as well as most kinds of provender, corn in the ear, oil cake, etc., and its work was pronounced by experienced millers to be equal to that produced by the common millstones. One horse could grind ten bushels of rye or wheat per hour sufficiently fine for flour. The cost of a mill with the machinery for a horse to work it was mentioned at \$250 to \$300.

GRAPE-GROWING ITEM.

The United States Department of Agriculture credits Mr. John Adlum with making the first really successful effort at grape growing on the Atlantic Coast. In 1820 he planted a vineyard near Georgetown, D. C., consisting of native vines. His introduction of the Catawba variety into general cultivation was the beginning of a new era in grape history.

GRAPES AT CINCINNATI.

Nicholas Longworth, of Cincinnati, Ohio, received cuttings of the Catawba grape from Major Adlum, and thereupon established a vineyard in 1822. His grape growing and wine making were eminently successful for many years.

COMMERCIAL CROP OF APPLES.

The following statement issued by the United States Department of Agriculture shows the final commercial crop of apples in 1918 and the late estimate for 1919. Where the apples are packed in boxes the estimate reduced them to barrels. All the Western States ship in boxes.

State.	Crop, Final, 1918, Barrels.	Commercial, Nov. 1919, Barrels.
ME.....	226,000	601,000
N. H.....	122,000	187,000
VT.....	105,000	183,000
MASS.....	300,000	320,000
R. I.....	20,000	24,000
CONN.....	108,000	119,000
N. Y.....	5,950,000	2,712,000
N. J.....	514,000	520,000
PENN.....	1,116,000	759,000
DEL.....	186,000	192,000
MD.....	315,000	209,000
VA.....	1,766,000	1,507,000
W. VA.....	1,092,000	680,000
N. C.....	184,000	80,000
GA.....	117,000	57,000
OHIO.....	902,000	364,000
IND.....	266,000	187,000
ILL.....	837,000	750,000
MICH.....	1,495,000	897,000
WIS.....	114,000	121,000
MINN.....	40,000	59,000
IOWA.....	101,000	174,000
MO.....	735,000	1,127,000
S. D.....	3,000	3,000
NEB.....	61,000	224,000
KAS.....	333,000	425,000
KY.....	108,000	83,000
TENN.....	210,000	113,000
ALA.....	26,000	10,000
TEXAS.....	11,000	34,000
OKLA.....	17,000	38,000
ARK.....	241,000	831,000
MONT.....	75,000	113,000
COLO.....	527,000	712,000
N. M.....	117,000	224,000
ARIZ.....	15,000	17,000
UTAH.....	163,000	114,000
IDAHO.....	112,000	1,010,000
WASH.....	4,296,000	5,865,000
OREGON.....	671,000	1,402,000
CALIF.....	1,127,000	1,339,000
Total, United States.	24,724,000	24,416,000

HISTORICAL WOOL EXHIBIT.

In the year 1796, according to the American Shepherd by L. A. Morrell, an exhibit of wool was made at Rambouillet, in France, in order to boom the Rambouillet breed of sheep, of which the French government had a monopoly. A large number of manufacturers and dealers in wool attended the exhibit and unanimously agreed that the wool on exhibit there was the finest, longest, softest and strongest they had ever seen, but they promptly got together and formed a combination to keep down the price.

A GRAPE INCIDENT.

A French traveler named Volney went to see all the American vineyards he could hear of in 1794, even so far as Kaskaskia, on the Mississippi river, where he informed that the Jesuits had planted a vineyard, but that the French government had ordered or influenced its destruction to prevent French grapes growing in America.

FRENCH MERINO SHEEP.

In the year 1801 Mr. Delessert, a French banker, owning a farm near Kingston, N. Y., made an attempt to import some sheep of the French Rambouillet Merinos. Unfortunately three out of four perished during the voyage, and the survivor, a ram, was placed on his farm. According to A. L. Morrell, author of the American Shepherd, this was the first individual of the breed introduced into this country.

In 1827 a statement was made by Grant Thorburn: "Besides good seeds good gardeners are necessary in making a garden flourish."

GUINEAS, PIGEONS AND PEA FOWLS.

The table presented herewith represents the number of farms reporting guinea fowls, pigeons and pea fowls in the year 1910. Each state is given. There are 339,538 farms reporting guineas, 109,407 reporting pigeons and 1,807 in all reporting pea fowls. The totals are 1,765,031 guinea fowls, 2,730,994 pigeons and 6,458 pea fowls. These three classes in previous censuses were counted in with other chickens.

State.	Farms Reporting.	Guinea Fowls.	Farms Reporting.	Pigeons.	Farms Reporting.	Pea Fowls.
ALA...	21,622	118,814	1,653	33,232	51	165
ARIZ...	107	461	124	3,568	5	25
ARK...	11,010	52,287	1,491	16,339	38	99
CALIF	760	2,920	2,152	246,065	31	288
COLO.	859	3,668	1,015	29,998	12	66
CONN.	1,052	7,653	599	21,988	4	9
DEL...	2,224	12,754	485	54,654	...	...
D. C.	7	38	2	720	...	...
GA...	3,071	19,927	274	7,875	12	53
IA...	19,472	101,543	1,927	43,193	101	299
IDA...	287	970	49	8,440	3	19
ILL...	14,206	84,057	6,703	144,268	47	151
IND...	9,984	57,433	2,765	51,929	41	231
IOWA	8,587	38,448	7,901	187,994	31	99
KAS...	10,077	55,236	4,975	99,715	73	262
KY...	9,256	46,721	2,196	29,613	116	483
LA...	6,423	32,041	938	25,032	13	29
ME...	1,073	13,340	287	4,436	2	6
MD...	9,758	19,165	2,777	23,035	8	58
MASS.	812	4,460	948	44,830	2	4
MICH.	6,243	26,274	2,427	39,510	21	38
MINN	2,673	10,929	2,432	45,266	105	268
MISS.	22,921	107,650	1,460	25,417	44	118
MO...	15,503	81,848	4,514	71,821	99	407
MONT	217	633	595	11,736	18	50
NEL...	5,254	22,408	4,883	104,401	22	60
NEV...	23	68	109	2,062	...	...
N. H.	570	4,394	239	10,092	1	1
N. J.	3,470	21,994	2,075	19,738	3	5
N. M.	480	1,953	512	9,954	13	46
N. Y.	8,197	33,020	4,299	111,954	53	188
N. C.	13,550	76,519	1,545	26,043	139	380
N. D.	857	2,666	2,181	38,360	17	42
OHIO.	10,917	53,953	3,134	55,678	37	117
OKLA	13,643	78,973	3,252	60,159	57	256
ORE...	842	2,608	588	15,764	8	21
PENN	24,005	111,715	16,161	373,304	62	158
R. I.	268	4,277	155	9,873	1	2
S. C.	16,166	12,465	1,358	114,935	69	72
S. D.	2,801	83,152	3,031	28,378	18	201
TENN	12,811	68,841	1,597	17,688	116	650
TEX...	27,828	170,107	4,584	95,625	218	736
UTAH	83	249	214	3,306	3	8
VT...	938	3,742	170	4,323	2	7
VA...	11,669	53,308	1,771	29,521	35	119
WASH	586	1,763	806	22,701	10	54
W.VA.	3,486	14,148	2941	7,698	21	102
WIS.	2,756	10,595	3,380	59,777	21	37
WYO...	134	381	303	4,667	4	6
Total.	339,538	1,765,031	109,407	2,730,994	64	58

ATTEMPT TO PRODUCE SILK.

In 1833 four tons of silk cocoons were produced in Windham county, Connecticut. The interest in silk culture had been advanced by boom methods until it partook of the nature of a craze instead of a legitimate industry.

In the year 1828 a Mr. Riley and Mr. Richard Jones were awarded medals by the Australian (New South Wales) Agricultural Society for introducing Saxony sheep into Australia.

HOPS IN 1918 AND 1919.

Hop production for 1918 was estimated last December and for 1919 was estimated in September by the United States Department of Agriculture:

State.	1918. Pounds.	1919. Acres.	1919. Pounds.
NEW YORK...	1,254,000	2,300	1,587,000
WASHINGTON.	2,939,000	2,600	3,484,000
OREGON.....	3,500,000	11,000	10,450,000
CALIFORNIA.	12,500,000	11,000	17,600,000
TOTAL ABOVE.	20,193,000	26,900	33,121,000

WEIGHTS OF HORSES AND MULES.

The following statement issued by the United States Department of Agriculture gives average weight of matured horses and mules in different states:

States.	Horses. Pounds.	Mules. Pounds.
MAINE.....	1,325	1,050
NEW HAMPSHIRE.....	1,270	1,050
VERMONT.....	1,200	1,000
MASSACHUSETTS.....	1,255	1,040
RHODE ISLAND.....	1,290	1,020
CONNECTICUT.....	1,220	1,040
NEW YORK.....	1,180	995
NEW JERSEY.....	1,220	1,010
PENNSYLVANIA.....	1,210	1,000
DELAWARE.....	1,080	930
MARYLAND.....	1,150	995
VIRGINIA.....	1,100	950
WEST VIRGINIA.....	1,165	950
NORTH CAROLINA.....	980	880
SOUTH CAROLINA.....	950	925
GEORGIA.....	940	970
FLORIDA.....	850	970
OHIO.....	1,310	1,040
ILLINOIS.....	1,270	1,050
INDIANA.....	1,255	1,040
MICHIGAN.....	1,295	1,040
WISCONSIN.....	1,300	1,025
MINNESOTA.....	1,305	1,035
IOWA.....	1,320	1,050
MISSOURI.....	1,130	1,015
NORTH DAKOTA.....	1,290	1,040
SOUTH DAKOTA.....	1,245	1,010
NEBRASKA.....	1,255	1,040
KANSAS.....	1,220	1,040
KENTUCKY.....	1,010	950
TENNESSEE.....	990	890
ALABAMA.....	895	895
MISSISSIPPI.....	870	865
LOUISIANA.....	900	940
TEXAS.....	1,000	930
OKLAHOMA.....	1,080	960
ARKANSAS.....	960	890
MONTANA.....	1,290	1,010
WYOMING.....	1,290	1,030
COLORADO.....	1,230	1,050
NEW MEXICO.....	1,030	920
ARIZONA.....	1,150	970
UTAH.....	1,270	1,020
NEVADA.....	1,200	980
IDAHO.....	1,270	1,050
WASHINGTON.....	1,350	1,110
OREGON.....	1,310	1,100
CALIFORNIA.....	1,285	1,065
UNITED STATES.....	1,203	956

CANALS HAULING LIVE STOCK.

In 1833 Sylvester Marsh arrived from the East in Chicago, and after working in the new town three years projected a packing house on Kinze street, near Rush street. They packed 6,000 hogs in 1836. He used to go 150 miles to the Wabash river driving cattle, hogs and sheep and whatever he could pick up on the way. The canal became his best source of supply before railroads were running into Chicago.

In the year 1829 an act of Parliament was passed in England regulating the package, weight and sale of butter.

In 1830 Wm. Ensign, of Wilbur's Basin, Saratoga county, N. Y., commenced breeding red hogs.

Wm. McCombie, of Tillfour, Scotland, founded a herd of Aberdeen-Angus cattle. This was in the year 1830.

EARLY CHEESE MAKING.

The following item appeared in the newspapers in November of 1828: "We are informed that Mr. Israel Cole, of the town of Berkshire, Mass., has made this season 16,000 pounds of cheese from the milk of only twenty-eight cows, being on an average of 571 pounds to each cow. His cheese is of the best quality and fetches with his established customers in New York one or two cents per pound more than that of ordinary dairies. The average price of cheese at this time was 12½ cents per pound."

In 1832 a pair of Jersey red pigs was imported from Spain to Salem, N. J.

FARM AND FACTORY BUTTER.

Tabulation Showing Amount of Butter Made on Farms and in Factories in the Year 1899.

This is another basic table. It shows amount of butter made in factories in one column and on farms in another. Compare these figures of 1909 with those of 1899 and you obtain some information, showing progress of the buttermaking industry.

State.	1899. Farm Butter, Pounds.	1899. Factory Butter, Pounds.
ALABAMA.....	19,121,964	17,357
ARIZONA.....	379,311	424,083
ARKANSAS.....	21,585,258	168,575
CALIFORNIA.....	20,853,360	13,147,137
COLORADO.....	4,932,482	1,566,639
CONNECTICUT.....	4,591,789	3,888,405
DELAWARE.....	1,629,949	969,889
DIST. OF COL.....	3,478	.....
FLORIDA.....	1,386,445	.....
GEORGIA.....	15,111,494	48,960
IDAHO.....	2,520,316	432,570
ILLINOIS.....	52,493,450	34,055,312
INDIANA.....	51,042,396	3,553,483
IOWA.....	61,789,288	77,253,264
KANSAS.....	41,640,772	18,196,483
KENTUCKY.....	30,446,381	184,663
LOUISIANA.....	4,913,229	.....
MAINE.....	16,174,173	4,461,399
MARYLAND.....	9,096,662	2,541,716
MASSACHUSETTS.....	4,980,262	4,591,919
MICHIGAN.....	60,051,998	7,820,712
MINNESOTA.....	41,188,846	41,174,469
MISSISSIPPI.....	18,881,236	.....
MISSOURI.....	45,509,110	1,440,616
MONTANA.....	2,454,072	34, 238
NEBRASKA.....	8,250,659	11,726,180
NEVADA.....	569,523	623,402
NEW HAMPSHIRE.....	6,385,611	5,034,270
NEW JERSEY.....	5,894,363	1,325,519
NEW MEXICO.....	313,003	.....
NEW YORK.....	74,714,376	40,693,846
NORTH CAROLINA.....	16,913,802	.....
NORTH DAKOTA.....	9,178,815	463,188
OHIO.....	79,551,299	8,087,631
OKLAHOMA.....	13,887,074	53,200
OREGON.....	8,107,450	1,975,357
PENNSYLVANIA.....	74,221,085	37,137,161
RHODE ISLAND.....	488,086	148,195
SOUTH CAROLINA.....	8,150,437	.....
SOUTH DAKOTA.....	17,400,970	6,172,107
TENNESSEE.....	29,091,696	207,823
TEXAS.....	47,991,492	252,714
UTAH.....	2,819,122	2,519,214
VERMONT.....	18,834,706	22,453,381
VIRGINIA.....	19,905,830	170,521
WASHINGTON.....	7,372,106	3,198,421
WEST VIRGINIA.....	16,913,129	41,000
WISCONSIN.....	44,739,147	61,813,502
WYOMING.....	888,554	.....
Total.....	1,071,626,056	420,126,546

FARM AND FACTORY BUTTER.

Tabulation Showing Amount of Butter Made on Farms and in Factories in the Year 1909.

This is a basic table. The census is taken every ten years. One census compared with the other shows the drift of trade. Therefore comparisons are possible. We go back to the year 1899 to find a starting point. See accompanying table for the year 1909.

State.	1909. Farm Butter, Pounds.	1909. Factory Butter, Pounds.
ALABAMA.....	29,550,595	.....
ARIZONA.....	325,980	1,953,869
ARKANSAS.....	29,907,337	360,834
CALIFORNIA.....	15,301,871	37,283,450
COLORADO.....	5,856,132	6,351,691
CONNECTICUT.....	3,498,551	1,950,935
DELAWARE.....	1,563,161	627,300
DIST. OF COL.....	6,155	.....
FLORIDA.....	1,705,274	.....
GEORGIA.....	27,246,247	78,058
IDAHO.....	3,512,135	2,357,386
ILLINOIS.....	46,609,992	24,570,976
INDIANA.....	43,181,871	11,712,450
IOWA.....	38,679,568	88,582,187
KANSAS.....	29,647,881	18,712,568
KENTUCKY.....	38,130,687	549,299
LOUISIANA.....	6,232,006	.....
MAINE.....	13,299,229	2,105,622
MARYLAND.....	8,739,620	1,118,530
MASSACHUSETTS.....	3,364,516	1,888,307
MICHIGAN.....	50,405,426	35,511,760
MINNESOTA.....	34,708,669	88,842,846
MISSISSIPPI.....	28,730,685	.....
MISSOURI.....	42,105,143	10,261,876
MONTANA.....	8,250,659	1,307,777
NEBRASKA.....	25,986,931	23,973,162
NEVADA.....	405,885	1,039,784
NEW HAMPSHIRE.....	5,065,188	1,740,235
NEW JERSEY.....	3,622,411	768,857
NEW MEXICO.....	1,477,617	.....
NEW YORK.....	23,461,702	45,897,216
NORTH CAROLINA.....	26,059,585	.....
NORTH DAKOTA.....	16,414,439	3,683,679
OHIO.....	63,569,132	17,491,251
OKLAHOMA.....	27,056,242	4,110,973
OREGON.....	5,697,964	8,472,660
PENNSYLVANIA.....	61,158,115	30,484,217
RHODE ISLAND.....	339,607	.....
SOUTH CAROLINA.....	12,329,567	.....
SOUTH DAKOTA.....	13,629,647	9,495,608
TENNESSEE.....	39,827,906	.....
TEXAS.....	64,993,214	2,133,590
UTAH.....	2,947,366	3,722,784
VERMONT.....	15,165,692	20,227,495
VIRGINIA.....	26,651,244	158,853
WASHINGTON.....	6,751,575	11,302,591
WEST VIRGINIA.....	18,969,699	.....
WISCONSIN.....	27,200,599	103,884,681
WYOMING.....	1,192,122	783,585
Total.....	994,650,610	624,764,653

THE WORLD'S CROP OF CORN.

The world's crop of corn is considerable, but usually the crop of the United States is from a half to two-thirds of it.

Year.	Bushels.	Year.	Bushels.
1895 ..	2,834,750,000	1906 ..	3,963,645,000
1896 ..	2,964,435,000	1907 ..	2,420,321,000
1897 ..	2,587,206,000	1908 ..	3,606,931,000
1898 ..	2,682,619,000	1909 ..	3,563,226,000
1899 ..	2,725,100,000	1910 ..	4,031,630,000
1900 ..	2,792,561,000	1911 ..	3,481,007,000
1901 ..	2,366,883,000	1912 ..	4,371,888,000
1902 ..	3,187,311,000	1913 ..	3,587,429,000
1903 ..	3,066,506,000	1914 ..	3,877,913,000
1904 ..	3,109,252,000	1915 ..	4,194,586,000
1905 ..	3,461,181,000	1916 ..	3,642,103,000

In 1833 rice was successfully threshed out in the Southern States by animal and steam power.

A. C. Moore and D. M. Magie, in Ohio, two of the originators, breeders and principal improvers of Poland-China swine, started breeding in 1835.

WORLD'S BARLEY CROP.

The world's barley crop statement shows that there has been slow progress in enlarging the yield, although that is not out of the question. The largest world's crop was in 1913.

Year.	Bushels.	Year.	Bushels.
1895 ..	915,504,000	1906 ..	1,296,579,000
1896 ..	932,100,000	1907 ..	1,271,237,000
1897 ..	864,605,000	1908 ..	1,274,897,000
1898 ..	1,030,581,000	1909 ..	1,458,263,000
1899 ..	965,720,000	1910 ..	1,388,734,000
1900 ..	959,622,000	1911 ..	1,373,286,000
1901 ..	1,072,195,000	1912 ..	1,166,977,000
1902 ..	1,229,132,000	1913 ..	1,650,205,000
1903 ..	1,235,786,000	1914 ..	1,463,289,000
1904 ..	1,175,784,000	1915 ..	1,503,272,000
1905 ..	1,180,053,000	1916 ..	1,529,031,000

The Tyler Stickney flock of Spanish Merino sheep was established at Shoreham, Vt., in 1834.

In 1834 Wm. Fullerton, of Ardovie, Scotland, started a breeding herd of Aberdeen-Angus cattle.

WHEN POTATOES ARE HARVESTED.

Potatoes being an important farm crop all over the United States, all particulars are of importance. The percentage of the potato crop usually harvested in the different months of the year is as follows:

State.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
ALA.				1	30	35	20	7	3	3	1	
ARIZ.					5	26	10	3	6	50		
ARK.					5	30	21	10	15	13	6	
CALIF.				2	4	9	12	9	18	39	6	1
COLO.								3	9	24	54	10
CONN.								3	10	45	40	2
DEL.					5	23	24	13	19	16	13	
FLA.	1	4		38	33	7	1	1	0	0	2	2
GA.		1	1	16	25	18	10	9	16	4	4	
IDAHO.							3	9	20	64	4	
ILL.						2	10	16	33	35	4	
IND.						1	11	17	27	43	1	
IOWA.							1	8	13	36	42	
KAS.							3	14	18	30	34	1
KY.							4	12	20	30	30	4
LA.				2	46	38	10	1	0	3	1	
ME.							1	9	21	23	25	10
MD.						4	17	21	23	25	10	
MASS.							4	15	40	40	1	
MICH.								4	10	22	61	3
MINN.							3	10	35	50	2	
MISS.				2	14	37	28	8	4	5	2	
MO.				1	3	13	19	35	27	2		
MONT.							3	9	31	56	1	
NEB.					1	6	10	37	45	1		
NEV.							1	6	21	69	3	
N. H.							3	10	44	41	2	
N. J.						2	18	36	26	18	0	
N. M.							5	10	30	54	1	
N. Y.							5	14	27	51	3	
N. C.				2	28	20	14	13	19	4		
N. D.							1	5	30	64		
OHIO.							1	8	17	37	3	
OKLA.					1	22	34	20	12	9	2	
ORE.						1	6	9	19	53	11	1
PENN.							8	18	39	32	3	
R. I.							10	25	40	24	1	
S. C.				1	30	40	15	3	2	5	4	
S. D.							1	5	14	35	43	2
TENN.					1	6	17	19	24	27	6	
TEX.				1	23	37	17	7	6	8	1	
UTAH.							4	8	16	70	2	
VT.							2	8	44	45	1	
VA.				1	16	21	16	17	21	8		
WASH.						1	6	11	20	55	7	
W. VA.						1	7	16	36	37	3	
WIS.							3	6	26	64	1	
WYO.							2	8	30	56	4	

VARIETIES OF SPRING WHEAT.

The following table gives for the principal spring-wheat states the estimated percentage which each important variety was of the total crop of the state for years indicated, also the estimated average yield per acre of such variety. The table was made up by the United States Department of Agriculture.

Year.	Results by Percentage.									
	Mar-quis.	Velvet.	Blue-Chaff.	Blue-Stem.	Durum.	Win-ter.	Five-ter.	Other.	Per Ct.	Per Ct.
Minnesota.										
1918...	55.6	22.0	11.6	3.2	1.6	1.8	1.2			
1917...	46.0	26.0	18.0	3.0	3.0	3.0	1.0			
1916...	30.7	28.9	30.8	2.2	3.8	3.3	1.3			
1915...				1.9				98.1		
1914...	2.0	30.0	52.0	2.0	7.0	2.0	4.0			
North Dakota.										
1918...	47.0	9.0	7.0	29.0	6.0	.5	1.5			
1917...	43.0	10.0	12.0	25.0	8.0	1.0	1.0			
1916...	38.3	12.2	14.1	18.5	15.9	.5	.5			
1915...				14.5				85.5		
1914...	5.0	11.0	45.0	13.0	21.0		4.0			
South Dakota.										
1918...	58.0	12.2	5.3	19.8	1.6	2.7	.4			
1917...	43.0	20.0	11.0	20.0	3.0	3.0	.0			
1916...	22.5	28.4	22.8	12.0	2.6	11.5	.2			
1915...				22.7				77.3		
1914...	3.0	31.0	30.0	21.0	11.0	3.0	1.0			
Montana.										
1918...	47.0	2.0	4.0	15.0	2.0	29.0	1.0			
1917...	45.0	1.0	3.0	8.0	2.0	40.0	1.0			
Results in Bushels.										
Minnesota.										
Year.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.
1918...	22.4	19.0	17.0	20.0	17.6	20.0	18.0			
1917...	17.2	16.0	14.0	15.5	15.0	20.0	14.0			
1916...	11.0	7.4	5.5	8.5	6.9	14.0				
1914...	12.8	11.6	9.8	12.3	10.3	19.5	11.0			
North Dakota.										
1918...	13.2	12.0	11.0	14.0	11.0	9.0	12.0			
1917...	8.0	7.5	7.2	9.0	7.0	8.5	6.8			
1916...	6.0	5.2	3.8	7.3	4.5	11.9	5.0			
1914...	14.9	12.1	10.3	13.9	10.9	13.7	19.8			
South Dakota.										
1918...	19.3	17.0	15.4	19.5	16.0	17.0	16.5			
1917...	15.3	13.1	11.1	15.6	10.0	14.0				
1916...	7.9	6.2	5.0	8.2	5.0	18.5				
1914...	11.2	9.3	7.5	11.2	9.3	14.0	8.7			
Montana.										
1918...	13.0	12.7	10.5	12.9	10.8	14.2	13.3			
1917...	9.3	7.5	6.5	9.0	7.5	12.5	7.5			

WORLD'S TOBACCO CROP.

The most important tobacco-growing country is the United States of America. In 1915 the production of the world was 2,153,395,396 pounds, and 1,062,237,000 pounds were raised in this country. Russia, the Dutch East Indies, Japan and the Philippine Islands are the other important tobacco growers.

Year.	Pounds.	Year.	Pounds.
1900...	2,201,193,000	1909...	2,742,500,000
1901...	2,270,213,000	1910...	2,833,729,000
1902...	2,376,054,000	1911...	2,566,202,000
1903...	2,401,268,000	1912...	2,734,319,907
1904...	2,146,641,000	1913...	2,149,258,036
1905...	2,279,728,000	1914...	2,254,086,747
1906...	2,270,298,000	1915...	2,153,395,396
1907...	2,391,061,000	1916...	
1908...	2,382,601,000	1917...	

In 1834 the Royal Jersey Agricultural Society held its first meeting on January 18th. This society played a very important part in the early development of Jersey cattle and continues to do so.

In 1834 was the first breeding of Berkshire swine on the farm of Richard Gentry, in Pettis county, Missouri. He was uncle and stepfather of N. H. Gentry, the famous improver of Berkshires.

In 1831 S. C. Parkhurst opened a seed store in Cincinnati, Ohio, and did a large trade in grass and clover seeds.

In 1831 The American Farmer described a machine invented by Thomas D. Burrall, of Geneva, N. Y., for the purpose of cleaning clover seed.

SILOS IN THE UNITED STATES.

The Year Book of the United States Department of Agriculture is responsible for the estimate for the year 1918 of the number of silos in each state, also for the estimate that silos are increasing 10 per cent. a year. A census will soon be taken.

State.	No. of Silos.	Average Capacity.	Total Capacity.
NEW YORK.....	55,000	75	4,125,000
PENNSYLVANIA.....	24,000	65	1,560,000
OHIO.....	25,000	75	1,675,000
INDIANA.....	27,000	70	1,890,000
ILLINOIS.....	30,000	79	2,370,000
MICHIGAN.....	32,000	70	2,240,000
WISCONSIN.....	55,000	87	4,785,000
MINNESOTA.....	15,000	95	1,425,000
IOWA.....	16,000	105	1,680,000
MISSOURI.....	13,000	90	1,170,000
KANSAS.....	11,000	106	1,166,000
KENTUCKY.....	10,000	80	800,000
NEW ENGLAND.....	35,000	67	2,345,000
OTHER.....	55,000	77	4,235,000
UNITED STATES...	404,000	78	31,536,000

THE ORIGINAL HARVESTER.

In the year 1834 the first patent for his reaping machine was issued to Cyrus H. McCormick, of Rockbridge county, Virginia. It was worked in 1831, improved many times, and "a great boon to this country and foreign lands."

In 1834 a "Howard" vacuum pan was established in the sugar house of Mr. Valcour Alme, planter of St. James Parish, Louisiana.

Agricultural Implements.

Statement by Census Bureau of the Department of Commerce, showing the number of establishments engaged in the manufacture of agricultural implements in the United States, comparative summary 1909 and 1914, together with the number of each class of implements manufactured in 1914.

	1909.	1914.
Number of establishments....	851	772
Products.		
Total value.....	\$149,318,544	\$168,120,632
Implements of cultivation.....	37,410,595	39,632,903
Planters and seeders.....	12,306,207	12,268,156
Harvesting implements.....	35,250,840	40,561,472
Seed separators.....	11,588,986	13,986,184
All other products, including parts.....	49,619,354	60,211,327
Received for repair work.....	3,142,562	1,460,590
Implements of Cultivation.		
Beet.....	3,172	2,184
Small (horse and hand).....	470,607	495,407
Wheeled.....	442,577	382,189
Cotton scrapers.....	20,434	17,537
Fertilizing machines.....	Not reported.	185,990
Harrows.....		
Disk.....	197,106	212,133
Spring-tooth.....	114,341	188,247
Spike-tooth.....	400,885	382,141
Land rollers.....	Not reported.	22,942
Listers.....	44,683	37,953
Plows.....		
Disk.....	22,890	15,830
Gang.....	91,731	75,839
Shovel.....	256,517	181,802
Engine.....	2,366	3,285
Sulky (single).....	134,939	108,248
Walking.....	1,135,657	913,383
Pulverizers.....	Not reported.	12,795
Other.....	Not reported.	80,269
Planters and Seeders.		
Seeders (broadcast and seeder attach.).....	63,709	61,954
Corn Planters.		
Hand.....	101,811	102,850
Horse.....	125,929	115,053
Cotton planters.....	81,826	101,256
Potato planters.....	23,142	37,276
Drills.....	144,616	199,805
Seed sowers, hand, field.....	7,867	12,608
Other planters or seeders.....	Not reported.	4,124
Harvesting Implements.		
Grain cradles.....	23,101	38,821
Harvesters.		
Bean.....	1,650	3,605
Corn.....	19,819	52,087
Grain.....	136,022	215,386
Harvesters and thrashers comb.....	543	284
Other.....	1,735	2,758
Hay carriers.....	71,965	69,199
Hayforks, horse.....	98,181	75,202
Hay loaders.....	34,767	29,059
Hayrakes, horse.....	269,024	185,081
Hay stackers.....	17,876	7,567
Hay tedders.....	34,416	9,796
Mowers.....	359,328	274,521
Other haying tools.....	Not reported.	42,344
Potato diggers, horse.....	26,083	25,923
Reapers.....	58,294	56,982
Other.....	Not reported.	13,774
Seed Separators.		
Clover hullers.....	869	1,166
Corn huskers.....	359	453
Corn huskers and shredders.....	1,298	4,338
Corn Shellers.		
Hand.....	86,806	74,405
Power.....	9,934	12,075
Fanning mills.....	37,959	27,504
Thrashers.		
Horse power.....	1,070	302
Engine.....	13,268	13,386
Other.....	Not reported.	7,174

The number of establishments includes for 1914 number and output of 170 establish-

ments engaged primarily in other industries, which produced agricultural implements as subsidiary products to the value of \$4,033,797; and for 1909 number and output of 214 establishments of this character which produced \$2,989,276 worth of implements.

Creameries and Cheese Factories.

The following is furnished us by the Dairy Division of the United States Bureau of Animal Industry and represents the latest enumeration of cheese factories and creameries in the different states:

State.	Cheese Cream-Factories.	Creameries.	Total.
ALABAMA.....	3	3	3
ARIZONA.....	3	2	5
ARKANSAS.....	4	4	4
CALIFORNIA.....	93	152	245
COLORADO.....	8	41	49
CONNECTICUT.....	2	29	31
DELAWARE.....	1	8	9
DISTRICT OF COLUMBIA.....	1	1	1
FLORIDA.....	.....	.....	.....
GEORGIA.....	.....	18	18
IDAHO.....	.....	13	13
ILLINOIS.....	50	216	266
INDIANA.....	13	111	124
IOWA.....	25	562	587
KANSAS.....	1	43	44
KENTUCKY.....	.....	5	5
LOUISIANA.....	.....	3	3
MAINE.....	5	26	31
MARYLAND.....	.....	43	43
MASSACHUSETTS.....	.....	19	19
MICHIGAN.....	196	273	469
MINNESOTA.....	74	848	922
MISSISSIPPI.....	.....	2	2
MISSOURI.....	4	39	43
MONTANA.....	1	25	26
NEBRASKA.....	1	52	53
NEVADA.....	.....	6	6
NEW HAMPSHIRE.....	2	27	29
NEW JERSEY.....	.....	13	13
NEW MEXICO.....	.....	7	7
NEW YORK.....	995	576	1,571
NORTH CAROLINA.....	.....	5	5
NORTH DAKOTA.....	3	67	70
OHIO.....	111	307	418
OKLAHOMA.....	1	25	26
OREGON.....	42	99	141
PENNSYLVANIA.....	106	445	551
RHODE ISLAND.....	.....	1	1
SOUTH CAROLINA.....	1	1	2
SOUTH DAKOTA.....	.....	99	99
TENNESSEE.....	.....	9	9
TEXAS.....	.....	95	95
UTAH.....	8	38	46
VERMONT.....	35	181	216
VIRGINIA.....	3	12	15
WASHINGTON.....	15	96	111
WEST VIRGINIA.....	1	6	7
WISCONSIN.....	1,720	812	2,532
WYOMING.....	.....	10	10

Total.....3,520 5,463 8,983

COTTON SEED PRODUCTION.

The cotton seed production of the United States in 1918 amounted to 5,360,000 tons, and the cotton seed crushed for oil during the year ending July 31, 1919, was 4,466,028 tons. The crude oil production was 1,320,249,788 pounds, or 14.8 per cent. of the weight of the seed crushed. Last year 5,040,000 tons of seed were produced, 4,251,680 tons were crushed for oil and 1,312,471,125 pounds of crude oil were made, the acreage yield of oil being 15.4 per cent. of the seed.—Census.

In 1832 Mr. Hawes, of England, imported Berkshire swine at Albany, N. Y.

In 1833 the product of wheat on the island of Jersey, five-years' average ending this year, was forty bushels per acre.

In 1834 a steam plow was tested by the inventor, Major A. Tyrrell, in Genesee county, New York.

In the year 1833 a royal decree in France established the Government Stud Book, which had considerable influence in the improvement of French horses.

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One hundred thousand copies of the various editions of this book have been sold and a few hundred more copies of the last and best edition are available. The price of the book is now one dollar a copy. It weighs twenty-five ounces, but the book will be mailed postpaid for the dollar. If it was printed now it would be a three-dollar book.

This Book of Champions has been of great benefit in educating farmers in the value of raising pure-bred stock. No farmer could possibly be engaged in raising scrubs who has a copy of the book. It is therefore right and fitting that such works should be supported generously by breeders of live stock. Send cash, money order, bank draft, or new one and two-cent postage stamps (no three-cent stamps), if not at a money order office.

THE HALE PUBLISHING CO., 3550 Vista Ave., St. Louis, Mo.

WOOL PRODUCTION.

When the last census was taken there were 39,644,046 sheep of shearing age on 610,894 farms, the average fleece weighed 6.8 pounds, and the total wool production was 289,419,977 pounds. Ten years previous there were 39,852,967 sheep of shearing age on 763,518 farms, the average fleece was 6.3 pounds, and the total wool production was valued at an average of 17 cents a pound, and in 1909 the wool was valued at 23 cents a pound. The following table shows wool production by states:

State.	Farms Reporting.	Sheep of Shearing Age.	Weight of Fleece, Pounds.	Total Wool, Pounds.	1910.	
ALA.....	6,628	109,112	2.8	339,884		
ARIZ.....	1,627	916,600	6.0	5,503,800		
ARK.....	8,397	96,517	3.7	376,877		
CALIF.....	3,857	1,525,288	5.5	14,064,703		
COLO.....	1,294	1,305,546	6.0	7,863,219		
CONN.....	741	14,043	5.3	71,272		
DEL.....	266	4,415	6.1	19,959		
D. C.....						
ILL.....	26,262	658,484	7.3	4,971,380		
IND.....	38,191	812,427	6.8	5,360,044		
FLA.....	651	95,115	3.1	287,069		
GA.....	5,167	153,250	2.6	427,943		
IDAHO.....	2,932	2,110,330	7.3	16,377,265		
IOWA.....	21,810	769,917	7.5	5,484,702		
KAN.....	3,153	204,023	7.1	1,170,308		
KY.....	45,697	778,154	4.3	3,448,848		
LA.....	3,656	139,308	3.2	442,865		
MAINE.....	11,060	149,934	6.0	947,622		
MD.....	6,228	126,251	5.8	705,320		
MASS.....	1,028	22,699	5.9	127,897		
MICH.....	54,865	1,545,241	7.5	11,965,405		
MINN.....	24,565	452,071	7.2	3,259,282		
MISS.....	5,727	156,230	3.1	480,581		
MO.....	44,081	1,116,189	6.4	7,343,222		
MONR.....	2,252	439,835	8.0	37,669,031		
NEB.....	3,043	240,116	7.0	2,177,355		
NEV.....	814	824,875	4.0	6,273,667		
N. H.....	2,236	31,201	6.3	209,518		
N. J.....	878	16,795	5.9	94,726		
N. M.....	3,378	2,894,984	5.5	16,994,017		
N. Y.....	24,854	606,119	6.9	4,235,707		
N. C.....	14,710	140,070	3.1	493,882		
N. D.....	3,671	241,392	6.4	1,076,830		
OHIO.....	71,556	2,890,163	7.1	21,685,258		
OKLA.....	880	48,896	6.1	281,750		
ORE.....	6,356	1,958,342	8.9	18,841,862		
PENN.....	25,436	687,541	6.4	4,190,213		
R. I.....	242	4,206	5.5	24,009		
S. C.....	1,731	27,926	3.1	86,819		
S. D.....	5,159	501,041	6.8	3,598,246		
TENN.....	29,987	470,337	3.7	1,854,172		
TEXAS.....	6,876	1,377,724	5.1	10,257,779		
UTAH.....	2,388	1,670,890	7.3	12,102,220		
VT.....	5,033	84,360	6.9	625,722		
VA.....	21,514	438,219	4.5	1,937,252		
WASH.....	2,155	205,266	9.7	3,135,348		
W. VA.....	26,179	566,952	4.9	2,719,684		
WIS.....	30,040	628,539	7.3	4,688,477		
WYO.....	1,643	4,826,565	8.4	42,827,866		
Total.....	610,894	39,644,046	6.8	289,419,977		
1900.....	763,518	39,852,967	6.3	276,567,584		

WORLD'S RYE CROP.

Rye is a valuable crop, but there has been no visible increase in the last few years. The largest crop was in 1912.

Year.	Bushels.	Year.	Bushels.
1895.....	1,408,212,000	1906.....	1,433,395,000
1896.....	1,499,250,000	1907.....	1,538,778,000
1897.....	1,300,645,000	1908.....	1,590,057,000
1898.....	1,461,171,000	1909.....	1,747,123,000
1899.....	1,583,179,000	1910.....	1,673,473,000
1900.....	1,557,634,000	1911.....	1,753,933,000
1901.....	1,416,022,000	1912.....	1,886,517,000
1902.....	1,647,845,000	1913.....	1,880,387,000
1903.....	1,650,961,000	1914.....	1,596,882,000
1904.....	1,742,112,000	1915.....	1,604,000,000
1905.....	1,495,751,000	1916 not yet known.	

FRENCH ANGORAS.

In 1832 Alexander Riley, of New South Wales, imported thirteen pure-bred Angora goats from France, receiving them at the port of Sydney. On account of death in the family, these goats were afterwards dispersed. They were the first New South Wales Angoras.

In 1834 a cotton-seed oil mill was erected at Natchez, Miss.

WOOL PRODUCTION, 1915-1916.

The estimate of wool production during the years 1915 and 1916 presents some interesting disclosures when compared with the census year 1910. Especially will these tables be found interesting when compared with the estimates of the number of sheep in the United States.

State.	Year 1915.		Year 1916.	
	Fleece, lbs.	Wool, lbs.	Fleece, lbs.	Wool, lbs.
ALA.	3.80	380,000	19.0	350,000
ARIZ.	6.30	5,985,000	20.0	5,950,000
ARK.	4.50	385,000	19.4	350,000
CAL.	6.10	11,590,000	18.6	11,600,000
COL.	6.00	7,800,000	21.2	8,400,000
CONN.	5.30	80,000	24.3	75,000
DEL.	6.00	30,000	24.0	30,000
FLA.	3.10	330,000	23.9	345,000
GA.	2.60	460,000	22.0	495,000
IDA.	7.90	15,285,000	22.8	15,000,000
ILL.	7.50	3,975,000	25.0	3,855,000
IND.	6.80	4,690,000	26.4	4,420,000
IA.	7.60	5,325,000	23.8	4,875,000
KAN.	7.10	1,240,000	20.0	1,330,000
KY.	4.90	3,185,000	25.7	3,125,000
LA.	3.70	536,000	15.4	590,000
ME.	6.30	850,000	28.1	850,000
MD.	5.90	750,000	25.5	750,000
MASS.	6.40	115,000	25.0	125,000
MICH.	6.90	8,075,000	27.5	8,275,000
MINN.	7.00	6,075,000	21.8	2,695,000
MISS.	3.50	520,000	18.4	540,000
MO.	6.70	4,890,000	24.6	4,625,000
MONR.	7.70	26,950,000	25.2	24,570,000
NEB.	7.40	1,665,000	22.9	1,830,000
NEV.	7.90	9,500,000	20.0	10,000,000
N. H.	6.40	185,000	25.5	185,000
N. J.	5.60	95,000	25.0	80,000
N. M.	5.60	18,620,000	18.5	18,240,000
N. Y.	6.50	3,480,000	27.3	3,550,000
N. C.	3.90	545,000	22.6	570,000
N. D.	7.20	1,260,000	19.4	1,350,000
OHIO.	6.80	13,600,000	27.1	13,650,000
OKLA.	7.00	490,000	19.7	500,000
ORE.	8.00	14,820,000	22.8	13,200,000
PENN.	6.20	4,030,000	25.6	4,225,000
R. I.	5.00	25,000	25.8	25,000
S. C.	4.00	100,000	19.4	95,000
S. D.	7.00	3,150,000	21.4	3,560,000
TENN.	4.40	1,870,000	19.4	1,870,000
TEX.	5.40	9,750,000	17.4	10,250,000
UTAH.	7.50	15,000,000	18.8	15,000,000
VT.	7.10	590,000	27.3	580,000
VA.	7.70	1,835,000	25.8	1,900,000
WASH.	8.70	4,560,000	19.4	4,750,000
W. VA.	8.00	2,750,000	27.2	2,750,000
WIS.	7.20	2,520,000	25.4	2,510,000
WYO.	8.00	20,200,000	22.6	31,000,000
U. S.	6.80	285,726,000	22.8	686,288,490,000

WORLD'S RICE CROP.

The world's rice harvest depends largely upon British India, Japan and Siam. This is the only field crop except tobacco that is enumerated in pounds.

Year.	Pounds.	Year.	Pounds.
1900.	100,400,000,000	1909.	127,700,000,000
1901.	94,400,000,000	1910.	126,100,000,000
1902.	101,600,000,000	1911.	102,100,000,000
1903.	101,800,000,000	1912.	97,300,000,000
1904.	110,700,000,000	1913.	100,700,000,000
1905.	102,400,000,000	1914.	102,986,000,000
1906.	105,800,000,000	1915.	115,193,190,000
1907.	100,300,000,000	1916.....	
1908.	102,900,000,000	1917.....	

AN EARLY FARM PAPER.

In 1834 The Cultivator, an early agricultural paper, was founded by Jesse Buel under the auspices of the New York State Agricultural Society. Edited by Judge Buel, who afterwards became proprietor.

THE LEGHORN FOWLS.

In 1834 a vessel from Leghorn arrived in America, and a part of the cargo was a small shipment of fowls, which were at once named "Leghorns." They became popular on account of their good laying and non-sitting qualities.

In 1831 the Silk Culture Manual, published by J. H. Cobb, was distributed by the Commonwealth of Boston and the United States Senate.

Broom Corn Production.

1910.

State.	Farms Re-ported.	Acreage.	Production, Pounds.	Value, Dollars.
ALA...	145	52	17,910	1,562
ARIZ.	1	11	9,000	400
ARK.	294	332	106,576	8,198
CAL.	24	1,023	614,250	32,500
COLO.	240	5,631	1,187,791	71,717
CONN.	2	.....	150	14
DEL.	21	13	4,198	492
GA....	8	22	7,067	694
ILL.	1,851	38,452	19,309,425	1,457,172
IND...	335	323	153,259	13,461
IA....	49	156	75,370	6,670
KAS.	1,728	41,064	8,768,853	593,947
KY....	1,041	342	157,286	13,641
LA....	263	320	92,208	7,285
MD....	291	19	18,599	2,006
MASS.	2	2	2,160	168
MICH.	9	4	2,200	233
MINN.	13	13	10,259	738
MISS.	43	154	60,574	5,548
MO....	1,225	5,339	1,174,536	115,243
NEB..	51	458	157,146	11,116
N. J..	10	11	6,760	658
N. M..	368	4,470	644,892	33,492
N. Y..	10	2	1,001	97
N. C.	128	15	6,493	549
N. D..	3	18	7,250	725
OHIO.	383	170	92,292	9,116
OKLA.	10,151	216,350	12,741,725	2,559,235
PENN.	727	108	45,582	5,253
S. C..	3	2	650	63
S. D..	14	64	35,400	3,408
TENN.	2,220	1,348	347,064	27,733
TEX.	531	9,448	2,368,490	140,533
UTAH	1	.....	200	12
VA....	666	107	46,016	3,586
WASH.	5	183	45,040	2,905
W.VA.	397	45	30,456	3,229
WIS..	12	28	14,830	1,026
Total	23,238	326,102	78,959,958	5,134,434

Production of Cowpeas, 1917.

Cowpea cultivation is a Southern industry, reaching North to moderate climates. Cowpeas are grown for grain, for hay, to be placed in silos, grazed or hogged off, or plowed under to enrich the soil. Cowpeas are also planted with other crops and represent a by-product. The figures given include total acreage, grain harvested and hay yield.

State.	Acres Planted.	Grain Yield, Bushels.	Hay Yield, Tons.
ALA.....	1,057,000	3,012,000	314,000
ARK.....	324,000	648,000	390,000
FLA.....	360,000	320,000	.....
GA.....	771,000	770,000	124,000
ILL.....	75,000	.....	.....
IND.....	53,000	.....	.....
KY.....	163,000	300,000	183,000
LA.....	580,000	1,773,000	.....
MD.....	11,000	.....	.....
MISS.....	1,300,000	.....	.....
MO.....	50,000	375,000	10,000
N. C.....	230,000	540,000	74,000
N. J.....	3,000	.....	.....
OHIO.....	3,000	2,000	.....
OKLA.....	45,000	108,000	.....
PENN.....	5,000	.....	.....
S. C.....	750,000	672,000	366,000
TENN.....	190,000	200,000	248,000
TEXAS.....	517,000	300,000	.....
VA.....	300,000	.....	.....
W. VA.....	10,000	3,000	15,000
Total.....	6,797,000	8,723,000	1,724,000

In the year 1811 Lord Braybooke, of Audley End, England, established a herd of Alderney cattle with one bull and eight cows, which cost \$94.70 per head delivered at his estate.

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AGRICULTURAL STATISTICS.

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Highest Grain Prices.

Herewith is published the highest prices for contract wheat, contract corn and contract oats on the Chicago market, each year for fifty (50) years. The figures are given for wheat, corn and oats, side by side, so that the differences in values of each class of grain can be seen at a glance:

HIGHEST PRICES.

Year.	Wheat.	Corn.	Oats.
1867.....	\$2.85	\$1.12	\$0.90
1868.....	2.20	1.02½	.74
1869.....	2.47	.97½	.71
1870.....	1.31½	.94½	.53½
1871.....	1.32	.56½	.51½
1872.....	1.61	.48¾	.43¼
1873.....	1.46	.54¼	.40¾
1874.....	1.28	.86	.71
1875.....	1.30½	.76½	.64½
1876.....	1.26¾	.49	.35
1877.....	1.76½	.58	.45¾
1878.....	1.14	.43¾	.72¾
1879.....	1.33½	.49	.36¾
1880.....	1.32	.43¾	.35
1881.....	1.43¼	.76¾	.47¾
1882.....	1.40	.81½	.62
1883.....	1.13½	.70	.43½
1884.....	.96	.87	.34¼
1885.....	.91¾	.49	.36½
1886.....	.84¾	.45	.35
1887.....	.94¾	.51½	.31½
1888.....	2.00	.60	.38
1889.....	1.08¾	.60	.26¼
1890.....	1.08¼	.54¼	.45
1891.....	1.16	.80	.56½
1892.....	.91¾	1.00	.34½
1893.....	.85	.44¾	.32¼
1894.....	.63¾	.59½	.50
1895.....	.81½	.54¾	.31½
1896.....	.94¾	.30¾	.20¼
1897.....	1.06	.32¾	.23¾
1898.....	1.66	.38	.32
1899.....	.79½	.38¼	.28¼
1900.....	.87½	.49½	.26¼
1901.....	.79½	.66¾	.48¼
1902.....	.95	.88	.71
1903.....	.93	.53	.45
1904.....	1.22	.58½	.46
1905.....	1.24	.64½	.34½
1906.....	.94¾	.54¾	.42¾
1907.....	1.22	.66½	.56½
1908.....	1.11	.82	.60½
1909.....	1.60	.77	.62½
1910.....	1.29½	.68	.49
1911.....	1.17	.76	.47¾
1912.....	1.22	.83	.58½
1913.....	1.15¾	.78¼	.43¾
1914.....	1.33	.86	.51½
1915.....	1.68	.82¼	.60¾
1916.....	2.02	1.11	.57

VALUE OF CROPS PER ACRE.

The table relates to ten crops and shows values from 1866 to 1918, inclusive—corn, wheat, oats, barley, rye, buckwheat, potatoes, hay, tobacco and cotton, which comprise nearly 90 per cent. of the area in all field crops, the average value of which closely approximates the value per acre of the aggregate of all crops.

Year.	Year.	Year.	Year.
1866.....	\$14.17	1884.....	\$ 9.95
1867.....	15.09	1885.....	9.72
1868.....	14.17	1886.....	9.41
1869.....	14.67	1887.....	10.14
1870.....	15.40	1888.....	10.30
1871.....	15.74	1889.....	8.99
1872.....	14.86	1890.....	11.03
1873.....	14.19	1891.....	11.76
1874.....	13.25	1892.....	10.10
1875.....	12.20	1893.....	9.50
1876.....	10.80	1894.....	9.06
1877.....	12.01	1895.....	8.12
1878.....	10.37	1896.....	7.94
1879.....	13.26	1897.....	9.07
1880.....	13.01	1898.....	9.00
1881.....	13.10	1899.....	9.13
1882.....	12.93	1900.....	10.31
1883.....	10.93	1901.....	11.43
		1912.....	12.07
		1913.....	12.62
		1914.....	13.26
		1915.....	13.28
		1916.....	13.46
		1917.....	14.74
		1918.....	15.32
		1919.....	16.09
			15.53
			15.36
			16.09
			16.49
			16.44
			17.18
			22.58
			33.27
			33.44

In 1834 Old Grannie, calved on the farm of Hugh Watson, of Keillor, Scotland, was the first cow recorded in the Aberdeen-Angus Herd Book. This famous cow lived to be thirty-five years of age.

Lowest Grain Prices.

Herewith is published the lowest prices for contract wheat, contract corn and contract oats on the Chicago market, each year for fifty (50) years. The figures are given for wheat, corn and oats, side by side, so that the differences in values of each class of grain can be seen at a glance:

LOWEST PRICES.

Year.	Wheat.	Corn.	Oats.
1867.....	\$1.55½	\$0.56¾	\$0.38½
1868.....	1.04½	.52	.41½
1869.....	.76½	.44	.35½
1870.....	.73¼	.45	.32½
1871.....	.99½	.39½	.27
1872.....	1.01	.29½	.20¼
1873.....	.89	.27	.23¾
1874.....	.81½	.49	.37¼
1875.....	.83¼	.45½	.29½
1876.....	.83	.38¾	.27
1877.....	1.01½	.37¾	.22
1878.....	.77	.29¾	.18
1879.....	.81½	.29¾	.19½
1880.....	.86½	.31½	.22½
1881.....	.95¾	.35¾	.29½
1882.....	.91¾	.70¼	.30½
1883.....	.90	.46	.25
1884.....	.69	.34½	.23
1885.....	.73¾	.34¼	.24¼
1886.....	.69¾	.33¾	.22¾
1887.....	.66¾	.33	.23½
1888.....	.71¾	.33½	.23¼
1889.....	.75½	.29¼	.17¾
1890.....	.74¼	.27¼	.19¼
1891.....	.84¾	.39½	.26
1892.....	.69¼	.37½	.28
1893.....	.54¼	.34¾	.21¾
1894.....	.50¾	.33¾	.26
1895.....	.48¾	.24¾	.16¾
1896.....	.53	.19½	.14¾
1897.....	.66½	.21¾	.15¾
1898.....	.62	.26	.20¼
1899.....	.64	.30	.19¼
1900.....	.61½	.30½	.21
1901.....	.63½	.36	.23¼
1902.....	.67½	.43¾	.29¾
1903.....	.70¼	.41	.31¼
1904.....	.81¼	.42¾	.28¼
1905.....	.77¾	.42	.25
1906.....	.69¾	.39	.28¾
1907.....	.71	.39¾	.33½
1908.....	.84½	.56½	.46
1909.....	.99¼	.58¼	.36½
1910.....	.89½	.45½	.29¾
1911.....	.83¼	.45½	.28¾
1912.....	.85	.47½	.30¼
1913.....	.80¾	.46½	.31¾
1914.....	.77¾	.60	.33¾
1915.....	.98	.59¾	.35¾
1916.....	.98¼	.69	.37¾

BEEF PACKING IN CHICAGO.

In 1832 the first lot of cattle was packed and barreled in Chicago by Geo. W. Dole for Oliver Newberry, of Detroit, Mich., the number being 150 head. They were driven from Wabash and cost \$2.75 per 100 pounds for the net beef, the hides, tallow, etc., being thrown in by the seller. The cattle were slaughtered at what is now the corner of Madison street and Michigan avenue, then the high prairie. In December of the same year Mr. Dole also bought and slaughtered the first hogs ever packed in the West, there being 138 head, average unknown, but cost three cents per pound on foot. The 150 head of cattle referred to in this item were purchased of Mr. Charles Reed, of Hickory Creek, Ill. It must be remembered that it was salt-beef packing largely for the supply of sea-going vessels. This salt-beef packing industry was displaced to a large extent later by dressed-beef transported in refrigerator cars, although salt-beef packing is not a lost art, by any means.

In 1832 Messrs. Heathcote & Parker, of England, employed traction steam engines in clearing a large tract of marshy ground lying between Manchester and Liverpool, which had been considered unreclaimable by any other means at hand.

In 1832, late in this year, Charles Cist, of Cincinnati, instituted the first definite statement of pork packing in the West.

SPRING WHEAT, 1919.

Spring wheat is grown largely in Minnesota and North Dakota and moderately in a few other states. The following statement by the Department of Agriculture of the spring wheat acreage for 1919, the percentage of what the acreage is as compared with the previous year and the estimate issued in June, 1919. This tabulated statement is shown by side of the winter wheat statement that comparisons can readily be made.

State.	Acreage For 1919.	Per Cent. of 1918.	Expected Yield, Bushels.
ALA.			
ARIZ.			
ARK.			
CALIF.			
COLO.	324,000	104	6,776,000
CONN.			
DEL.			
FLA.			
GA.			
IDAHO.	645,000	118	1,555,400
ILL.	660,000	264	15,675,000
IND.	35,000	50	822,000
IOWA.	658,000	85	11,055,000
KAS.	28,000	90	365,000
KY.			
LA.			
MAINE.	18,000	78	459,000
MD.			
MASS.			
NICH.	66,000	170	1,275,000
MINN.	3,805,000	102	61,451,000
MISS.			
MO.	22,000	120	359,000
MONT.	1,518,000	110	23,908,000
NEB.	812,000	100	11,936,000
NEV.	38,000	102	1,173,000
N. H.			
N. J.			
N. Y.	99,000	115	2,326,000
N. C.	45,000	90	832,000
N. D.	7,304,000	94	86,406,000
OHIO.	300,000	200	670,000
OKLA.			
OREGON.	274,000	68	4,842,000
PENN.			
R. I.			
S. C.			
S. D.	3,796,000	104	48,648,000
TENN.			
TEXAS.			
UTAH.	168,000	105	4,166,000
VT.	14,000	78	359,000
VA.			
WASH.	1,611,000	90	30,714,000
W. VA.			
WIS.	445,000	128	8,691,000
WYO.	198,000	110	4,685,000
Total.	22,593,000	100	343,181,000

STOCKS OF HAY, MAY 1.

This table, issued in June, 1919, by the United States Department of Agriculture, shows the crop of the year before in tons and the amount on hand the following May.

Year.	Production Previous Year.	Per Cent. on Farms, May 1,	Tons on Farms, May 1.
1919.	90,443,000	9.4	8,493,000
1918.	98,439,000	11.7	11,476,000
1917.	110,992,000	11.4	12,659,000
1916.	107,263,000	13.5	14,452,000
1915.	88,686,000	12.2	10,797,000
1914.	79,179,000	12.2	9,631,000
1913.	90,734,000	14.9	13,523,000
1912.	67,071,000	8.5	5,732,000
1911.	82,529,000	12.4	10,222,000
1910.	87,216,000	11.5	10,053,000

HARNESS AND SADDLES.

In 1828 Peter Hayden, of Cummington, Mass., commenced the manufacture of harness and leather at Auburn, N. Y., this being the foundation of the largest American saddlery house. So great was his success that for the time being the importation of foreign saddles, ceased almost entirely through his efforts.

Oxford Down sheep were originated by a cross of Cotswolds, Hampshires and probably Southdowns about the year 1830.

In the year 1830 Johnson grass was introduced into this country from Turkey.

WINTER WHEAT, 1919.

The following statement shows the estimate by the Department of Agriculture of the acreage of winter wheat planted in the fall of 1918 to be harvested in the spring of 1919. The figures also show the per cent. of acreage as compared with the previous year. The right-hand column is the estimate of the crop as made by the Department in June, 1919, just before the harvest. Other estimates as the harvest progresses are generally made. It will be noticed that several states do not grow winter wheat.

State.	Acreage For 1919.	Per Cent. of 1918.	Expected Yield, Bushels.
ALA.	173,000	120	1,905,000
ARIZ.	42,000	95	1,159,000
ARK.	356,000	137	4,378,000
CALIF.	899,000	142	14,441,000
COLO.	626,000	107	12,652,000
CONN.			
DEL.	153,000	106	2,782,000
FLA.			
GA.	408,000	102	4,225,000
IDAHO.	331,000	105	8,286,000
ILL.	3,252,000	125	67,985,000
IND.	2,891,000	122	56,656,000
IOWA.	750,000	200	18,119,000
KAS.	11,184,000	113	191,647,000
KY.	1,057,000	111	14,707,000
LA.			
MAINE.			
MD.	816,000	106	14,961,000
MASS.			
MICH.	997,000	106	21,063,000
MINN.	71,000	87	1,486,000
MISS.	42,000	117	598,000
MO.	4,243,000	136	71,786,000
MONT.	705,000	91	11,441,000
NEB.	3,511,000	102	69,825,000
NEV.	5,000	101	132,000
N. H.			
N. J.	112,000	106	2,270,000
N. M.	182,000	130	3,979,000
N. Y.	477,000	106	11,035,000
N. C.	1,025,000	99	10,353,000
N. D.			
OHIO.	2,608,000	111	56,331,000
OKLA.	3,590,000	110	57,835,000
OREGON.	812,000	125	18,432,000
PENN.	1,652,000	108	34,713,000
R. I.			
S. C.	208,000	99	2,198,000
S. D.	108,000	80	1,957,000
TENN.	811,000	106	8,826,000
TEXAS.	2,109,000	130	35,337,000
UTAH.	172,000	104	2,841,000
VT.			
VA.	1,326,000	101	19,301,000
WASH.	922,000	235	27,061,000
W. VA.	373,000	105	5,788,000
WIS.	103,000	92	2,326,000
WYO.	84,000	96	2,005,000
Total.	49,261,000	116	892,822,000

FACTORY PRODUCTIONS.

The amounts of butter, cheese and condensed milk productions are official from the Dairy Division, Department of Agriculture:

Years.	Butter, Pounds.	Cheese, Pounds.	Condensed Milk, Pounds.
1909.	627,145,865	311,175,730	495,197,844
1914.	786,003,489	377,573,109	875,507,438
1916.	760,030,573	314,716,739	997,835,115
1917.	743,895,068	372,540,203	1,353,605,594
1918.	793,289,301	352,621,615	1,675,477,360

CRANBERRY PRODUCTION.

The statement herewith is the December estimate of the Department of Agriculture for 1918 and the October estimate for 1919:

State.	1918. Barrels.	1919. Acres.	1919. Barrels.
MASSACHUSETTS.	195,000	14,000	360,600
NEW JERSEY.	114,000	10,200	155,000
WISCONSIN.	34,200	2,038	44,000
TOTAL ABOVE.	343,200	26,238	559,000

VARIETIES OF GRAPES.

Prince, in his "Treatise on the Vine," published in 1830, described eighty-one native grapes in America. Two or three thousand varieties have been disseminated since, which are the offspring of our native species.

FLORISTS' ESTABLISHMENTS.

In the United States, according to the last census, we have a total of 7,444 distinct and complete flower-growing establishments, with an output value of \$250 or over, the average output value being \$4,630 and the total value \$34,467,440. In these establishments are 9,489,546 square feet of ground, covered by sashes and frames, and 105,165,730 square feet covered by greenhouses.

State.	Establishments, Number.	Sashes, Square Feet.	Green-houses, Square Feet.
ALABAMA.....	31	28,175	435,400
ARIZONA.....	5	3,080	26,730
ARKANSAS.....	17	10,984	224,150
CALIFORNIA.....	347	614,709	4,422,423
COLORADO.....	73	96,399	1,244,425
CONNECTICUT.....	206	213,418	2,636,063
DELAWARE.....	27	11,740	233,087
DIST. OF COL.....	40	17,080	968,513
FLORIDA.....	29	143,597	568,190
GEORGIA.....	37	125,550	741,672
IDAHO.....	10	750	58,727
ILLINOIS.....	581	1,569,926	14,380,927
INDIANA.....	225	90,826	3,650,443
IOWA.....	129	312,337	1,870,845
KANSAS.....	90	58,077	728,421
KENTUCKY.....	100	86,179	1,276,823
LOUISIANA.....	54	86,762	260,711
MAINE.....	89	82,445	624,472
MARYLAND.....	156	124,516	2,051,068
MASSACHUSETTS.....	643	564,424	6,817,585
MICHIGAN.....	258	199,327	3,922,772
MINNESOTA.....	87	86,438	1,332,758
MISSISSIPPI.....	23	15,315	201,622
MISSOURI.....	185	267,083	2,545,138
MONTANA.....	17	19,915	289,024
NEBRASKA.....	46	53,705	790,305
NEVADA.....	1	.....	4,600
N. HAMPSHIRE.....	57	32,465	719,848
NEW JERSEY.....	530	855,759	7,984,752
NEW MEXICO.....	8	27,302	59,752
NEW YORK.....	1,110	1,189,730	13,876,857
N. CAROLINA.....	32	16,286	176,853
N. DAKOTA.....	9	22,520	48,150
OHIO.....	572	490,586	7,091,976
OKLAHOMA.....	31	9,778	148,737
OREGON.....	72	44,336	672,207
PENNSYLVANIA.....	814	959,000	12,887,682
RHODE ISLAND.....	120	145,329	1,882,314
S. CAROLINA.....	12	8,076	66,242
S. DAKOTA.....	10	9,220	92,240
TENNESSEE.....	42	157,500	1,079,374
TEXAS.....	92	78,455	907,615
UTAH.....	25	12,012	249,280
VERMONT.....	28	15,860	162,339
VIRGINIA.....	72	97,782	1,315,388
WASHINGTON.....	119	282,356	1,257,616
W. VIRGINIA.....	22	24,535	272,182
WISCONSIN.....	160	131,452	1,875,558
WYOMING.....	3	1,450	31,584
Total.....	7,444	9,489,546	105,165,730

Grain Sorghums.

Herewith is an Agricultural Department memorandum relating to the production of grain sorghums, showing production of 1916 and estimate for 1917. The acreage planted in 1917 is 28.4 per cent. greater than in 1916 and the largest increase in acreage of 1916 is in Kansas.

	1915.	1916.	1917.	1917
	Production, Bushels.	Production, Bushels.	Planted, Acres.	Forecast, Bushels.
KAS.	35,100,000	12,000,000	1,850,000	29,230,000
OKL.	30,950,000	8,000,000	1,396,000	29,316,000
TEX.	40,000,000	24,000,000	1,284,000	26,964,000
COL.	1,650,000	700,000	88,000	1,813,000
N. M.	5,400,000	3,960,000	216,000	5,141,000
ARIZ.	1,360,000	1,680,000	60,000	2,052,000
Total	114,460,000	50,340,000	4,894,000	94,516,000

In his American Orchardist, in 1822, the editor, James Thatcher, gave valuable directions for the selection of seed in attempting to produce improved fruits and vegetables.

Hon. Chas. Rich, of Shoreham, Vt., established a flock of Spanish Merino sheep in 1823. He was an eminent breeder.

SUMMARY OF NUT GROWING.

The nut-growing industry is far more important than it appears. Commercial nut growing was conducted on 135,268 farms when the last census was taken. Of those nut-growing farms 51,160 grew pecans, 53,145 had black walnuts, 21,859 farms produced English walnuts, and 8,214 produced almonds. California, Florida, Pennsylvania and Texas are the principal nut-growing states. The table presented herewith is ten years old. Keep it until you get the new census figures.

State.	1910.	Total Farms
	Pecans, Farms.	Re-ported, ing.
ALA.....	5,834	8,092
ARIZ.....	39	258
ARK.....	1,134	2,335
CALIF.....	294	14,212
COLO.....	4	78
CONN.....	3	256
DEL.....	14	284
FLA.....	4,614	5,188
GA.....	7,353	10,510
IDAHO.....	10	224
ILL.....	755	2,639
IND.....	284	1,202
IOWA.....	17	3,965
KAS.....	466	1,356
KY.....	197	1,226
LA.....	4,483	5,071
ME.....	32	33
MD.....	63	1,840
MASS.....	1	284
MICH.....	6	2,438
MINN.....	4	328
MISS.....	6,671	8,786
MO.....	1,060	4,045
MONT.....	16	17
NEB.....	14	1,569
NEV.....	2	57
N. H.....	163	163
N. J.....	12	1,257
N. M.....	69	237
N. Y.....	8	2,906
N. C.....	2,110	6,639
N. D.....	1	15
OHIO.....	21	1,037
OKLA.....	1,296	2,065
ORE.....	94	5,160
PENN.....	130	13,962
R. I.....	1	10
S. C.....	2,888	4,433
S. D.....	7	309
TENN.....	395	1,787
TEX.....	10,519	11,710
UTAH.....	5	171
VT.....	1	112
VA.....	240	3,203
WASH.....	35	1,893
W. VA.....	10	1,470
WIS.....	333	333
WYO.....	2	3
Total.....	51,160	135,268

EARLY CABBAGE ACREAGE.

The area planted to early cabbage in six Southern States is estimated to be 33,500 acres, as compared with 17,600 acres in 1916, an increase of about 90 per cent. This estimate is based upon reports to the Truck Crop Specialist of the Bureau of Crop Estimates from Virginia, South Carolina, Florida, Alabama, Mississippi and Texas, the principal early cabbage sections of the South. Detailed estimates by states follow:

State.	1915.	1916.	1917.
	Acres.	Acres.	Acres.
VIRGINIA.....	4,100	4,200	5,200
SOUTH CAROLINA.....	2,300	2,300	4,100
FLORIDA.....	3,400	5,000	9,300
ALABAMA.....	1,100	1,000	1,400
MISSISSIPPI.....	1,200	1,200	1,800
TEXAS.....	4,100	4,400	11,700
Total.....	16,200	17,600	33,500

FRESH FRUITS AND DRIED FRUITS.

At a dinner given in 1823 by the Australian Agricultural Society the gardens of Dr. Townson and Mr. Piper furnished eighteen kinds of fresh fruit and four kinds of dried fruit. The banana, the Orlean plum, the real peach, the cat-head apple and a fine kind of muskmelon were specially mentioned.

BLACK WALNUTS.

In the year 1909 black walnut trees of bearing age were grown upon 54,837 farms, and trees not of bearing age were grown upon 14,991 farms. The bearing trees numbered 786,210, and the young trees were 273,856. The total production in pounds was 15,628,776, and the total market value was \$244,479. The table herewith shows the details by states.

State.	Trees of Bearing Age.	Trees Not of Bearing Age.	Production, Pounds.	Value, Dollars.
ALA....	3,228	1,753	157,245	3,477
ARIZ....	5	26	.....	.....
ARK....	9,104	5,640	54,273	7,720
CALIF..	6,582	7,905	159,374	2,562
COLO..	3,311	416	7,330	248
CONN..	3,188	2,636	45,304	1,856
DEL....	890	554	35,200	581
FLA....	470	2,855	42,573	766
GA....	6,850	4,627	427,607	8,598
IDAHO..	502	1,847	2,053	41
ILL....	44,159	24,698	530,730	7,411
IND....	11,848	4,822	378,842	4,886
IA....	125,194	24,277	1,134,061	20,589
KAS....	113,537	8,619	377,649	6,033
KY....	14,521	2,360	793,970	11,384
LA....	616	655	54,624	970
ME....	231	63	1,600	50
MD....	5,375	1,522	274,936	2,997
MASS..	1,910	434	40,064	1,219
MICH..	16,105	3,520	546,779	7,804
MINN..	7,036	6,507	65,074	1,490
MISS..	2,914	2,391	151,406	3,700
MO....	85,330	15,199	2,446,402	24,526
MONT..	20	286	.....	.....
NEB....	78,296	36,526	381,968	8,740
NEV....	34	.....	2,500	29
N. H....	1,518	208	13,330	375
N. J....	4,168	804	151,828	2,766
N. M....	101	1,823	200	10
N. Y....	19,872	27,591	465,918	11,485
N. C....	19,570	9,180	1,081,480	16,138
N. D....	2	300	.....	.....
OHIO..	8,693	3,399	354,135	4,645
OKLA..	21,412	7,204	94,659	1,591
ORE....	2,024	3,405	69,097	1,333
PENN..	65,075	22,193	2,162,471	39,306
R. I....	25	1,320	45	45
S. C....	3,663	2,258	185,552	3,672
S. D....	16,726	10,219	72,659	1,490
TENN..	18,225	3,536	708,627	9,194
TEX....	1,820	1,206	55,446	995
VT....	1,704	253	32,910	725
VA....	23,049	9,173	600,141	9,723
WASH..	1,427	601	43,438	687
W. VA..	32,495	9,682	878,215	11,430
WIS....	3,459	922	86,086	1,617
WYO....	17	11	.....	.....
Total.	786,210	273,856	15,628,776	244,479

WHEAT MOVEMENT BY GRADES.

Receipts and Shipments of Wheat at 92 Markets, From November 1, 1917, to July 14, 1918, by Grades.

Grade.	Receipts, Car-loads.	Per Cent. of Total.
No. 1.....	36,720	23.9
No. 2.....	54,540	35.5
No. 3.....	32,784	21.3
No. 4.....	13,983	9.1
No. 5.....	8,141	5.3
Sample grade.....	7,594	4.9
Total.....	153,762	100.0

AN OLD MARKET REPORT.

From the Indianapolis Journal, July 3d, 1828: "Market at this place—Flour, \$2.50 per 100 pounds; corn meal, 50 cents per bushel; bacon, 8 cents per pound and much in demand. A scarcity of the latter article may be attributed to the number of hogs which were driven from this section of the country during the last fall to a foreign market." The foreign market in all probability was Cincinnati.

Topgallant, a son of Corlander, dam by Bishop's Hambletonian, established the three-mile trotting record at 8:11 in 1829.

THE LOSS IN SHEEP.

In the ten-year period from 1900 to 1910 sheep raising was abandoned on 155,155 farms in the United States. In Wisconsin alone sheep raising was abandoned on 17,021 farms. Pennsylvania discontinued sheep raising on 19,631 farms; North Carolina, 14,241; New York, 15,795; and the state of Alabama lost the sheep on 11,271 farms. The following statement by the Census Bureau shows how many farms raising sheep were in the United States in the years 1900 and 1910. The census of 1920 will be interesting for the reason that an increase in sheep raising is expected to be shown.

State.	1900.	1910.	Gain.	Loss.
ALA.....	17,902	6,631	.....	11,271
ARIZ.....	602	621	19	.....
ARK.....	18,302	8,432	.....	9,870
CALIF.....	3,616	3,893	277	.....
COLO.....	1,255	1,794	539	.....
CONN.....	1,258	741	.....	517
DEL.....	466	266	.....	200
FLA.....	864	660	.....	204
GA.....	10,891	5,180	.....	5,711
IDAHO.....	1,936	2,996	1,060	.....
ILL.....	25,422	26,262	840	.....
IND.....	48,046	38,191	.....	9,855
IOWA.....	18,788	21,810	3,022	.....
KAS.....	2,095	3,143	1,048	.....
KY.....	50,835	45,707	.....	5,128
LA.....	5,470	3,677	.....	2,063
MAINE.....	18,361	11,060	.....	7,301
MD.....	6,339	6,228	.....	111
MASS.....	1,447	1,027	.....	420
MICH.....	63,339	54,865	.....	8,474
MINN.....	28,056	24,564	.....	3,492
MISS.....	14,430	5,723	.....	8,707
MO.....	38,013	44,010	5,997	.....
MONT.....	1,481	2,269	788	.....
NEB.....	2,764	3,043	279	.....
NEV.....	255	316	61	.....
N. H.....	4,202	2,236	.....	1,966
N. J.....	1,561	875	.....	686
N. M.....	2,504	1,848	.....	656
N. Y.....	40,625	24,830	.....	15,795
N. C.....	28,941	14,697	.....	14,241
N. D.....	4,957	3,723	.....	1,234
OHIO.....	73,636	71,523	.....	2,113
OKLA.....	804	877	73	.....
OREGON.....	6,696	6,394	.....	302
PENN.....	44,057	25,426	.....	18,631
R. I.....	333	242	.....	91
S. C.....	3,921	1,732	.....	2,189
S. D.....	6,392	5,155	.....	1,237
TENN.....	37,905	29,978	.....	7,927
TEXAS.....	6,416	6,929	513	.....
UTAH.....	3,544	2,419	.....	1,125
VT.....	8,533	5,033	.....	3,500
VA.....	24,732	21,497	.....	3,235
WASH.....	2,793	2,116	.....	677
W. VA.....	30,266	26,014	.....	4,252
WIS.....	47,061	30,040	.....	17,021
WYO.....	1,076	1,670	594	.....
1900—Farms Reporting Sheep.....	.....	.....	763,518	.....
1910—Farms Reporting Sheep.....	.....	.....	608,363	.....
Decrease in Number of Farms Reporting Sheep.....	.....	.....	155,155	.....

WHEAT MOVEMENT BY VARIETIES.

Receipts of Wheat at 92 Markets, From November 1, 1917, to July 14, 1918, by Varieties, as Reported by the Bureau of Markets, United States Department of Agriculture.

Variety.	Receipts, Car-loads.	Per Cent. of Total.
Hard red spring.....	54,256	35.3
Common and red durum.....	8,974	5.8
Hard red winter.....	26,419	17.2
Soft red winter.....	29,300	19.1
Common white.....	12,219	7.9
White club.....	4,858	3.2
Mixed wheat.....	17,727	11.5
Total.....	153,762	100.0

In the year 1828 a Mr. Corbett attempted to raise Indian (American corn) in England. He published a book, entitled "A Treatise on Corbett's Corn."

In 1830 the vacuum pan was erected in sugar house by Mr. Thomas Morgan in Louisiana, the pioneer of these appliances.

In 1827 the South Carolina Railroad Company was organized and operated by horses.

POPULATION AND BEEF CATTLE.

The Agricultural Department at Washington has compiled a table for the purpose of showing the population of the country and the number of beef cattle at different periods. For the purpose of making the statement clear and interesting the country is divided by the Mississippi river. We therefore have added a total, so that the information is complete. This statement does not include milch cows, which in 1919 amounted to another 23,000,000, all of which are finally sent to the butcher.

	West, 1880.	East, 1880.	Total.
Population.	11,259,360	38,896,423	50,155,783
Cattle.....	15,366,117	11,866,296	27,232,413
	West, 1890.	East, 1890.	Total.
Population.	16,775,364	46,172,350	62,947,714
Cattle.....	28,714,533	12,422,309	41,136,842
	West, 1900.	East, 1900.	Total.
Population.	20,971,062	55,023,513	75,994,575
Cattle.....	26,185,131	9,083,064	35,268,195
	West, 1910.	East, 1910.	Total.
Population.	27,248,276	64,273,990	91,972,266
Cattle.....	24,286,431	9,085,464	33,371,895
	West, 1919.	East, 1919.	Total.
Population.	32,981,000	73,755,000	106,736,000
Cattle.....	30,515,000	13,886,000	44,399,000

HOG MARKET RECEIPTS.

The following tabulation shows the combined receipts of hogs monthly since January, 1913, at twelve important interior markets (Chicago, Cincinnati, Denver, Fort Worth, Indianapolis, Kansas City, Omaha, Portland, Oregon, St. Joseph, St. Louis, St. Paul and Sioux City):

Months.	1913.	1914.	1915.
January....	2,482,000	2,309,000	2,796,000
February....	1,938,000	2,003,000	2,610,000
March.....	1,705,000	1,810,000	2,409,000
April.....	1,714,000	1,668,000	1,749,000
May.....	2,015,000	1,732,000	2,019,000
June.....	2,120,000	1,972,000	2,120,000
Six Months, Jan. to June	11,974,000	11,394,000	13,703,000
July.....	1,810,000	1,582,000	1,762,000
August.....	1,687,000	1,325,000	1,471,000
September..	1,634,000	1,343,000	1,311,000
October....	1,863,000	1,790,000	1,529,000
November..	2,099,000	2,128,000	2,554,000
December...	2,600,000	2,733,000	3,520,000
Year's Total	23,666,000	22,301,000	25,757,000
Months.	1916.	1917.	1918.
January....	3,835,000	3,634,000	2,968,000
February....	3,165,000	2,779,000	3,134,000
March.....	2,518,000	2,313,000	3,183,000
April.....	1,960,000	2,035,000	2,674,000
May.....	2,360,000	2,263,000	2,360,000
June.....	2,207,000	2,016,000	2,108,000
Six Months, Jan. to June	16,045,000	15,040,000	16,427,000
July.....	1,860,000	1,930,000	2,271,000
August.....	1,962,000	1,357,000	1,756,000
September..	1,579,000	1,042,000	1,544,000
October....	2,397,000	1,683,000	2,274,000
November..	3,457,000	2,506,000	3,032,000
December...	3,640,000	2,611,000	3,744,000
Year's Total	30,929,000	26,171,000	31,048,000

In the year 1919 receipts thus far were as follows: January, 4,206,000; February, 3,192,000; March, 2,604,000; April, 2,543,000; May, 2,747,000; June, 2,792,000. Six-months' total, 18,084,000.

LIVE STOCK IN IRELAND.

The following figures are furnished us by the United States Department of Agriculture as coming from the Irish Agricultural Department. It appears that cattle and sheep are in larger numbers than hogs:

Class of Stock.	June 1, 1917.	June 1, 1919.
Horses.....	597,692	618,807
Mules and Jennets....	24,627	25,563
Asses.....	227,927	232,159
Cattle.....	4,908,516	4,863,282
Sheep.....	3,744,453	3,627,178
Pigs.....	947,472	974,385
Goats.....	268,853	277,114
Poultry.....	22,215,024	21,134,230

BEAN ACREAGE BY VARIETIES.

This table is dated September, 1919, and is issued by the United States Department of Agriculture:

Variety.	1918.	1919.	1918.	1919.
Small White.....	677,040	446,200	39.0	40.9
Large White.....	142,352	79,340	8.2	7.2
Yellow Eye.....	38,192	20,520	2.2	1.9
White Kidney.....	6,944	3,240	.4	.3
Red Kidney.....	48,608	33,390	2.8	3.1
Cranberry.....	12,152	12,450	.7	1.1
Red Mexican.....	19,096	12,450	1.1	1.1
Pinto.....	359,352	193,280	20.7	17.7
Bayo.....	20,832	15,335	1.2	1.4
Pinks.....	86,800	66,400	5.0	6.1
Tepary.....	31,248	6,225	1.8	.6
Lima.....	185,752	124,500	10.7	11.4
Henderson Bush.....	15,624	20,750	.9	1.9
Blackeye.....	55,552	33,200	3.2	3.2
Other.....	36,456	22,720	2.1	2.0

Total..... 1,736,000 1,090,000

FARMS IN THE UNITED STATES.

According to the last census the following is a brief summary of the number and size of all the farms in the United States. The average size is 138.1 acres, of which an average of 75.2 acres are improved and 62.9 acres are unimproved:

Number.	Extent.
18,033.....	Under 3 acres.
317,010.....	3 to 9 acres.
504,123.....	10 to 19 acres.
1,414,376.....	20 to 49 acres.
1,438,069.....	50 to 99 acres.
1,516,286.....	100 to 174 acres.
534,191.....	175 to 259 acres.
443,984.....	260 to 499 acres.
125,293.....	500 to 999 acres.
50,135.....	1,000 acres and over.

6,361,502 Farms in United States, 1910.

DEVELOPMENT OF AGRICULTURE.

The following tabulated statement is for the purpose of placing before us in a simple manner the United States government estimate of values on the farm of the crops and live stock produced in the United States from 1879 to 1918. It also estimates the proportionate value of the crops and the value of live stock:

Year.	Total Value.	Value Crops.	Per Cent. Stock.
1879.....	2,212,541,000	63.1	36.9
1889.....	2,460,107,000	63.5	36.5
1897.....	3,960,822,000	63.6	36.4
1898.....	4,338,946,000	63.6	36.4
1899.....	4,717,070,000	63.6	36.4
1900.....	5,309,595,000	63.7	36.3
1901.....	5,302,120,000	63.8	36.2
1902.....	5,594,645,000	64.0	36.0
1903.....	5,887,170,000	64.1	35.9
1904.....	6,121,778,000	65.0	35.0
1905.....	6,273,997,000	64.0	36.0
1906.....	6,751,210,000	63.0	37.0
1907.....	7,487,989,000	63.6	36.4
1908.....	7,890,626,000	64.6	35.4
1909.....	8,498,311,000	64.6	35.4
1910.....	9,037,391,000	60.7	39.3
1911.....	8,819,175,000	63.1	36.9
1912.....	9,342,700,000	62.5	37.5
1913.....	9,849,513,000	62.3	37.7
1914.....	9,894,961,000	61.8	38.2
1915.....	10,775,490,000	64.1	35.9
1916.....	13,406,364,011	67.5	32.5
1917.....	21,386,000,000	66.5	33.5
1918.....	19,331,000,000	69.7	30.3

THE FIRST HORSE COLLARS.

In 1828, at East Hartford, Conn., Timothy Denning first undertook the manufacture of horse collars. He invented the short straw collars and the blocks on which to make them.

JUTE CROP OF INDIA.

A preliminary forecast places the area of jute in British India for 1919 at 2,749,120 acres, an increase of 248,738 acres, or about 9.9 per cent. of last year's final figures.

CROP SUMMARY OF U. S.

This is simply a brief tabulation which is comprehensive. It gives the U. S. yearly crop totals, and on different pages will be found the crops of the different states.

THE CORN CROP.

Year.	Extent, Acres.	Production, Bushels.	Production, Bushels.
1910.	104,035,000	27.7	2,886,260,000
1911.	105,825,000	23.9	2,531,488,000
1912.	107,083,000	29.2	3,124,746,000
1913.	105,820,000	23.1	2,446,988,000
1914.	103,435,000	25.8	2,672,894,000
1915.	106,197,000	28.2	3,054,535,000
1916.	105,296,000	24.4	2,583,241,000
1917.	119,755,000	26.4	3,159,494,000
1918.	107,494,000	24.0	2,582,814,000
1919.	102,977,000	28.1	2,900,511,000

THE WINTER WHEAT CROP.

1914.	36,008,000	19.0	684,999,000
1915.	41,308,000	16.2	673,947,000
1916.	34,709,000	13.8	480,553,000
1917.	27,430,000	15.2	418,070,000
1918.	36,704,000	15.2	558,449,000
1919.	48,933,000	14.6	715,301,000

THE SPRING WHEAT CROP.

1914.	17,533,000	11.8	206,027,000
1915.	19,161,000	18.3	356,460,000
1916.	17,607,000	8.8	158,142,000
1917.	18,511,000	12.6	232,758,000
1918.	22,406,000	16.0	358,651,000
1919.	22,593,000	8.9	203,170,000

TOTAL WHEAT CROP.

1910.	45,681,000	13.9	635,121,000
1911.	49,543,000	12.5	621,338,000
1912.	45,814,000	15.9	730,267,000
1913.	50,184,000	15.2	763,380,000
1914.	53,541,000	16.6	891,017,000
1915.	60,469,000	16.9	1,025,801,000
1916.	52,316,000	12.1	636,318,000
1917.	45,941,000	14.2	650,828,000
1918.	59,110,000	15.5	917,100,000
1919.	71,526,000	12.8	918,471,000

THE OATS CROP.

1910.	37,548,000	31.6	1,186,341,000
1911.	37,763,000	24.2	922,298,000
1912.	37,917,000	37.4	1,418,337,000
1913.	38,399,000	29.2	1,121,768,000
1914.	38,442,000	29.7	1,141,060,000
1915.	40,996,000	37.8	1,549,030,000
1916.	41,527,000	30.1	1,251,837,000
1917.	43,572,000	36.4	1,587,286,000
1918.	44,400,000	34.6	1,538,359,000
1919.	42,169,000	28.9	1,219,521,000

THE BARLEY CROP.

1910.	7,743,000	22.5	173,832,000
1911.	7,627,000	21.0	160,240,000
1912.	7,530,000	29.7	223,824,000
1913.	7,499,000	23.8	178,189,000
1914.	7,565,000	25.8	194,953,000
1915.	7,148,000	32.0	228,851,000
1916.	7,757,000	23.6	182,309,000
1917.	8,835,000	23.7	208,975,000
1918.	9,679,000	26.5	256,375,000
1919.	8,899,000	22.2	198,298,000

THE RYE CROP.

1910.	2,185,000	16.0	34,897,000
1911.	2,127,000	15.6	33,119,000
1912.	2,117,000	16.8	35,664,000
1913.	2,557,000	16.2	41,381,000
1914.	2,541,000	16.8	42,779,000
1915.	3,129,000	17.2	54,050,000
1916.	3,213,000	15.3	48,802,000
1917.	4,102,000	14.7	60,145,000
1918.	6,185,000	14.4	89,103,000
1919.	6,576,000	12.8	84,552,000

THE BUCKWHEAT CROP.

1910.	860,000	20.5	17,598,000
1911.	833,000	21.1	17,549,000
1912.	841,000	22.9	19,249,000
1913.	805,000	17.2	13,833,000
1914.	792,000	21.3	16,881,000
1915.	769,000	19.6	15,769,000
1916.	828,000	14.0	11,840,000
1917.	1,006,000	17.4	17,460,000
1918.	1,040,000	16.5	17,182,000
1919.	943,000	21.2	20,076,000

THE FLAXSEED CROP.

1910.	2,467,000	5.2	12,718,000
1911.	2,757,000	7.0	19,370,000
1912.	2,851,000	9.8	28,073,000
1913.	2,291,000	7.8	17,853,000
1914.	1,645,000	8.4	13,749,000
1915.	1,387,000	10.1	13,845,000
1916.	1,474,000	9.6	15,459,000
1917.	1,809,000	4.7	8,473,000
1918.	1,938,000	7.6	14,657,000
1919.	1,851,000	5.7	10,652,000

THE RICE CROP.

1910.	733,000	33.9	24,510,000
1911.	696,000	32.9	22,934,000
1912.	723,000	34.7	25,054,000
1913.	827,000	31.1	24,744,000
1914.	694,000	34.1	23,649,000
1915.	803,000	36.1	28,947,000
1916.	869,000	47.8	41,982,000
1917.	964,100	37.6	36,278,000
1918.	1,112,770	36.3	40,424,000
1919.	1,091,300	40.5	44,261,000

THE WHITE POTATO CROP.

1910.	3,720,000	93.8	349,032,000
1911.	3,619,000	80.9	292,737,000
1912.	3,711,000	113.4	420,647,000
1913.	3,668,000	90.4	331,525,000
1914.	3,711,000	110.5	409,921,000
1915.	3,734,000	95.5	359,103,000
1916.	3,565,000	80.4	285,437,000
1917.	4,390,000	100.8	442,536,000
1918.	4,210,000	95.0	400,106,000
1919.	4,003,000	87.4	350,070,000

THE SWEET POTATO CROP.

1910.	641,000	93.5	59,938,000
1911.	605,000	90.1	54,538,000
1912.	583,000	95.2	55,479,000
1913.	625,000	94.5	59,057,000
1914.	603,000	93.8	56,574,000
1915.	731,000	103.3	74,395,000
1916.	774,000	91.7	70,955,000
1917.	953,000	91.4	87,141,000
1918.	922,000	93.6	86,334,000
1919.	1,023,000	97.1	99,413,000

TAME HAY CROP—TONS.		
1910.	51,015,000	1.36 69,370,000
1911.	48,240,000	1.14 54,916,000
1912.	49,530,000	1.47 72,691,000
1913.	48,954,000	1.31 64,116,000
1914.	49,145,000	1.43 70,071,000
1916.	55,721,000	1.64 89,991,000
1917.	53,516,000	1.49 79,528,000
1918.	55,971,000	1.35 75,459,000
1919.	54,872,000	1.58 86,723,000

WILD HAY CROP—TONS.		
1915.	16,796,000	1.27 21,343,000
1916.	16,635,000	1.19 19,795,000
1917.	16,472,000	.94 15,402,000
1918.	15,283,000	.94 14,374,000
1919.	14,847,000	1.13 16,821,000

ALL KINDS OF HAY—TONS.		
1914.	65,897,000	88,686,000
1915.	67,904,000	107,263,000
1916.	72,356,000	110,992,000
1917.	69,988,000	94,930,000
1918.	69,249,000	86,254,000
1918.	71,254,000	89,833,000
1919.	69,719,000	103,544,000

THE TOBACCO CROP—POUNDS.		
1910.	1,336,000	807 1,103,415,000
1911.	1,013,000	893 905,109,000
1912.	1,226,000	785 962,885,000
1913.	1,216,000	784 953,734,000
1914.	1,224,000	845 1,034,679,000
1915.	1,370,000	775 1,060,587,000
1916.	1,413,800	815 1,150,622,000
1917.	1,447,000	827 1,196,451,000
1918.	1,549,000	865 1,340,019,000
1919.	1,774,300	720 1,278,062,000

THE COTTON CROP—BALES.		
1910.	32,403,000	170.7 11,609,000
1911.	36,045,000	207.7 15,693,000
1912.	34,283,000	190.9 13,703,000
1913.	37,089,000	182.0 14,116,000
1914.	36,832,000	209.2 16,135,000
1915.	31,412,000	172.5 11,161,000
1916.	34,985,000	156.3 11,511,000
1917.	33,841,000	155.7 11,302,000
1918.	35,890,000	155.9 11,700,000
1919.	32,390,000	165.0 10,696,000

THE SUGAR BEET CROP—TONS.		
1914.	483,400	11.6 5,585,000
1915.	611,000	10.4 6,462,000
1916.	665,308	9.3 6,228,000
1917.	665,400	9.2 5,980,000
1918.	592,100	9.8 5,822,600
1919.	792,000	9.2 7,303,000

CROP OF EDIBLE BEANS—Bushels.		
1914.	875,000	13.2 11,585,000
1915.	928,000	11.1 10,321,000
1916.	1,107,000	9.7 10,715,000
1917.	1,832,000	8.6 15,701,000
1918.	1,754,000	10.1 17,733,000
1919.	1,106,000	11.4 12,690,000

GRAIN SORGHUMS—BUSHEL.		
[Six States.]		
1915.	4,153,000	27.6 114,460,000
1916.	3,812,000	13.2 50,340,000
1917.	5,153,000	11.9 61,409,000
1918.	5,619,000	11.8 66,396,000
1919.	5,183,000	24.5 127,053,000

THE CROP OF ONIONS—BUSHEL.		
[Fourteen States.]		
1915.	27,579	278 7,663,712
1916.	28,400	275 7,832,000
1917.	39,500	328 12,308,000
1918.	35,830	375 13,438,000

THE CROP OF CABBAGE—TONS.		
[Nine States.]		
1915.	69,420	9.7 670,631
1916.	40,080	6.2 246,988
1917.	58,950	7.5 475,300
1918.	61,700	9.2 565,200

THE YIELD OF HOPS—POUNDS.		
[Four States.]		
1915.	44,653	1.187 52,986,000
1916.	43,900	1.152 50,597,000
1917.	29,900	.929 27,788,000
1918.	27,900	.723 20,193,000
1919.	26,900	1.231 33,121,000

PRODUCTION OF CRANBERRIES—THREE STATES—BARRELS.		
1915.	23,100	19.1 441,000
1916.	23,600	17.6 415,000
1917.	18,190	13.7 249,009
1918.	27,200	12.9 350,100
1919.	26,238	21.3 559,000

THE CROP OF APPLES—BUSHEL.		
1914.....		253,200,000
1915.....		230,011,000
1916.....		204,582,000
1917.....		163,117,000
1918.....		173,632,000
1919.....		156,721,000

YIELD OF PEACHES—BUSHEL.		
1914.....		54,100,000
1915.....		64,097,000
1916.....		37,505,000
1917.....		45,066,000
1918.....		40,185,000
1919.....		51,327,000

THE CROP OF PEARS—BUSHEL.		
1914.....		12,086,000
1915.....		11,216,000
1916.....		11,874,000
1917.....		13,281,000
1918.....		10,342,000
1919.....		13,687,000

CROP OF PEANUTS—BUSHEL.		
1916..	1,076,350	32.8 35,325,500
1917..	1,842,000	28.5 52,505,000
1918..	2,291,000	24.3 55,597,000
1919..	1,738,400	29.7 51,590,000

CROP OF BROOM CORN—TONS—FIVE STATES.		
1916..	229,000	.... 37,855
1917..	345,000	.... 57,400
1918.	333,000	.... 58,000
1919.	293,850	.... 50,800

CROP OF CLOVER SEED—BUSHEL.		
1916..	939,000	1.8 1,706,000
1917..	756,000	1.8 1,356,000
1918..	819,000	1.7 1,383,000
1919..	610,000	1.0 1,015,000

Spring Wheat, 1916 and 1917.

This statement represents the statistics of the very poor crop of spring wheat of 1916, followed by the estimate of the modern crop being harvested in 1917. The condition of 1917 was very ordinary, notwithstanding the great efforts made to increase production.

State.	1916.		1917.	
	Bush-els, Acre.	Production, Bushels.	Bush-els, Acre.	Estimate, Bushels.
ALA.				
ARIZ.				
ARK.				
CALIF.				
COLO.	19.5	4,485,000	22.0	5,808,000
CONN.				
DEL.				
FLA.				
GA.				
IDAHO.	23.5	6,815,000	22.0	8,250,000
ILL.				
IND.				
IOWA.	13.0	4,160,000	21.5	5,375,000
KAS.	10.5	462,000	6.0	264,000
KY.				
LA.				
MAINE.	27.0	135,000	14.0	154,000
MD.				
MASS.				
MICH.				
MINN.	7.3	26,645,000	17.5	56,525,000
MISS.				
MO.				
MONT.	18.0	16,850,000	19.0	10,098,000
NEB.	12.5	3,750,000	16.5	6,600,000
NEV.	31.5	1,162,000	28.0	1,036,000
N. H.				
N. J.				
N. M.	21.5	1,032,000	18.0	1,242,000
N. Y.				
N. C.				
N. D.	5.5	39,325,000	8.0	56,000,000
OHIO.				
OKLA.				
OREGON.	23.0	6,210,000	11.0	4,411,000
PENN.				
R. I.				
S. C.				
S. D.	6.3	22,050,000	14.0	50,344,000
TENN.				
TEXAS.				
UTAH.	25.0	1,900,000	27.0	2,430,000
VT.	25.0	25,000	20.0	60,000
VA.				
WASH.	21.5	19,350,000	13.6	18,360,000
W. VA.				
WIS.	16.6	1,776,000	21.2	3,095,000
WYO.	22.0	2,090,000	22.0	2,766,000
U. S.	8.8	158,142,000	12.6	232,758,000
Latest.	8.8	155,765,000	12.5	223,754,000

BEANS—DRY EDIBLE—1917.

The following table represents the December estimate of the crop for 1917. It is the largest acreage and crop on record:

State.	Yield, Production,	
	Planted, Acres.	Per Acre, Bushels.
ME.	33,000	10.0
N. H.	10,000	10.0
VT.	10,000	10.0
MASS.	4,000	10.0
N. Y.	210,000	7.5
N. J.	8,000	10.0
PENN.	13,000	8.0
W. VA.	18,000	8.0
OHIO.	7,000	5.0
IND.	5,000	12.0
MICH.	639,000	5.5
WIS.	35,000	7.5
IOWA.	7,000	6.0
MO.	9,200	10.0
TENN.	10,000	6.0
COLO.	193,000	7.6
N. M.	213,000	4.5
ARIZ.	19,000	8.0
WASH.	16,000	8.0
CALIF.	558,000	14.4
ALL OTHER.	100,000	8.5
U. S.	2,117,200	8.6
Six States.	1,821,000	8.8

SPRING WHEAT CROP OF 1918.

The spring wheat acreage for 1918 exhibited an increase over former records, which was greatly desired and resulted in the largest crop on record. This, however, was offset by the winter wheat record, which placed total wheat second to 1915, the year of the record crop.

State.	Acreage, 1917.	Acreage, 1918.	Est. Bushels, 1918.
ALA.			
ARIZ.			
ARK.			
CALIF.			
CONN.			
COLO.	264,000	312,000	6,240,000
DEL.			
FLA.			
GA.			
IDAHO.	345,000	469,000	9,849,000
ILL.		180,000	4,842,000
IND.		7,000	161,000
IOWA.	339,000	650,000	11,700,000
KAS.	48,000	51,000	408,000
KY.			
LA.			
MAINE.	11,000	23,000	575,000
MD.			
MASS.		10,000	
MICH.		35,000	672,000
MINN.	3,832,000	4,038,000	84,798,000
MISS.			
MO.			
MONT.	1,122,000	1,380,000	17,250,000
NEB.	450,000	512,000	6,400,000
NEV.	37,000	39,000	975,000
N. H.			
N. J.			
N. M.	55,000	79,000	1,896,000
N. Y.		50,000	1,065,000
N. C.			
N. D.	7,150,000	7,630,000	99,190,000
OHIO.		15,000	322,000
OKLA.			
OREGON.	351,000	441,000	4,851,000
PENN.			
R. I.			
S. C.			
S. D.	3,325,000	2,243,000	80,617,000
TEXAS.			
UTAH.	91,000	104,000	2,756,000
VT.	3,000	10,000	220,000
VA.			
WASH.	1,350,000	1,728,000	16,416,000
W. VA.			
WIS.	142,000	333,000	7,992,000
WYO.	124,000	160,000	400,000
U. S.	19,039,000	22,489,000	363,195,000

BROOM CORN CROP, 1916-18.

State.	1916. Tons.	1917. Tons.	1918. Tons.
ILLINOIS.	6,681	8,250	9,500
KANSAS.	5,943	12,000	13,500
TEXAS.	847	688	14,500
OKLAHOMA.	22,420	26,250	26,000
COLORADO.	2,835	4,650	7,000

Total Above.	38,726	51,838	70,500
Latest.	38,726	57,400	58,000

BROOM CORN—1918.

The early estimate for broom corn was very much larger than earlier in the season. The crop is practically limited to five states, of which Oklahoma is the most important.

State.	Per Cent. of Production,		Price Per Ton.
	Planted, Acres.	1917. Tons.	
ILL.	31,000	103	\$468.00
KAS.	63,000	105	275.00
TEXAS.	50,000	13,000	267.00
OKLA.	140,000	80	260.00
COLO.	30,000	100	175.00
Total.	314,000	105	\$300.28
Latest.	333,000	105	\$234.00

SUGAR IN CZECHOSLOVAKIA.

Assuming that production conditions will be favorable, the coming sugar harvest of the Czechoslovak Republic should yield 1,653,450,000 pounds, which would leave a margin of 881,840,000 pounds for export purposes.

Final Corn Estimate, 1917.

This is the United States government final corn production estimate of 1917. It will be noticed that Illinois produced the largest amount of corn, with Iowa a close second. The largest yield per acre is in Connecticut, but the acreage is small:

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.....	4,825,000	16.0	77,200,000
ARIZ.....	32,000	27.0	864,000
ARK.....	2,800,000	24.0	67,200,000
CALIF.....	75,000	32.0	2,400,000
COLO.....	532,000	20.0	10,640,000
CONN.....	95,000	51.0	4,845,000
DEL.....	230,000	34.0	7,820,000
FLA.....	925,000	15.0	13,875,000
GA.....	4,500,000	16.0	72,000,000
IDA.....	22,000	31.0	682,000
ILL.....	11,000,000	38.0	418,000,000
IND.....	5,651,000	36.0	203,436,000
IOWA.....	11,100,000	37.0	410,700,000
KAS.....	9,156,000	14.0	128,184,000
KY.....	3,900,000	31.5	122,850,000
LA.....	2,347,000	18.0	42,246,000
ME.....	20,000	39.0	780,000
MD.....	720,000	39.0	28,080,000
MASS.....	61,000	46.0	2,806,000
MICH.....	1,750,000	21.5	37,625,000
MINN.....	3,000,000	30.0	90,000,000
MISS.....	4,100,000	20.5	84,050,000
MO.....	7,200,000	35.0	252,000,000
MONT.....	81,000	12.5	1,012,000
NEB.....	9,240,000	27.0	249,480,000
NEV.....	2,000	30.0	60,000
N. H.....	26,000	42.0	1,092,000
N. J.....	297,000	43.0	12,771,000
N. M.....	170,000	20.0	3,400,000
N. Y.....	840,000	31.0	26,040,000
N. C.....	3,000,000	20.0	60,000,000
N. D.....	590,000	9.0	5,310,000
OHIO.....	3,950,000	38.0	150,100,000
OKLA.....	3,900,000	8.5	33,150,000
ORE.....	42,000	30.0	1,260,000
PENN.....	1,575,000	39.5	62,212,000
R. I.....	13,000	42.0	546,000
S. C.....	2,318,000	19.0	43,947,000
S. D.....	3,350,000	29.0	97,150,000
TENN.....	3,900,000	28.5	111,150,000
TEXAS.....	7,075,000	11.0	77,825,000
UTAH.....	20,000	25.0	500,000
VT.....	54,000	47.0	2,538,000
VA.....	2,450,000	29.5	72,275,000
WASH.....	41,000	37.0	1,517,000
W. VA.....	834,000	30.0	25,020,000
WIS.....	1,918,000	22.0	42,196,000
WYO.....	33,000	20.0	660,000
U. S.....	119,755,000	26.4	3,159,494,000
Latest.....	116,730,000	26.3	3,065,233,000

Corn on Farms.

Every year, March 1st, the grain on farms is reported. These figures are valuable, as they are comparative.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
PENN.....	21,762,000	21,652,000	16,965,000
VA.....	15,358,000	31,492,000	27,446,000
N. C.....	27,624,000	29,232,000	21,996,000
GA.....	29,124,000	32,475,000	30,380,000
OHIO.....	45,669,000	61,420,000	32,413,000
IND.....	58,794,000	78,380,000	54,144,000
ILL.....	99,011,000	142,272,000	88,972,000
MICH.....	19,530,000	15,680,000	9,075,000
WIS.....	13,883,000	4,899,000	10,343,000
MINN.....	26,390,000	9,016,000	18,572,000
IOWA.....	140,193,000	86,565,000	110,048,000
MO.....	38,016,000	70,948,000	31,707,000
S. D.....	23,400,000	28,275,000	21,019,000
NEB.....	71,320,000	87,330,000	73,112,000
KAS.....	29,221,000	70,540,000	13,205,000
KY.....	34,675,000	44,100,000	36,176,000
TENN.....	32,964,000	42,849,000	32,110,000
ALA.....	26,334,000	33,150,000	17,275,000
MISS.....	25,641,000	32,376,000	15,708,000
LA.....	13,124,000	17,589,000	17,029,000
TEXAS.....	28,704,000	50,055,000	35,397,000
OKLA.....	10,000,000	33,630,000	10,665,000
ARK.....	11,340,000	26,082,000	13,992,000
U. S.....	910,894,000	1,116,559,000	789,416,000

CORN CROP OF 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, estimating acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.....	4,636,000	14.6	67,686,000
ARIZ.....	34,000	28.0	952,000
ARK.....	2,700,000	13.0	35,100,000
CALIF.....	85,000	35.0	2,975,000
COLO.....	527,000	21.0	11,067,000
CONN.....	56,000	50.0	2,800,000
DEL.....	235,000	31.0	7,285,000
FLA.....	880,000	16.0	14,080,000
GA.....	4,590,000	15.0	68,850,000
IDAHO.....	23,000	40.0	920,000
ILL.....	9,900,000	35.5	351,450,000
IND.....	5,138,000	33.0	169,554,000
IOWA.....	10,431,000	36.0	375,624,000
KAS.....	6,130,000	7.1	43,523,000
KY.....	3,600,000	26.0	93,600,000
LA.....	1,850,000	16.0	29,600,000
MAINE.....	27,000	45.0	1,215,000
MD.....	686,000	35.0	24,010,000
MASS.....	40,000	52.0	2,080,000
MICH.....	1,610,000	30.0	48,300,000
MINN.....	2,750,000	40.0	110,000,000
MISS.....	3,900,000	17.0	66,300,000
MO.....	6,693,000	20.0	133,800,000
MONT.....	100,000	21.0	2,100,000
NEB.....	6,954,000	17.7	123,086,000
NEV.....	2,000	32.0	64,000
N. H.....	28,000	45.0	1,260,000
N. J.....	279,000	41.0	11,439,000
N. M.....	170,000	25.0	4,250,000
N. Y.....	820,000	36.0	29,520,000
N. C.....	3,065,000	21.0	64,365,000
N. D.....	484,000	19.0	9,196,000
OHIO.....	3,700,000	36.0	133,200,000
OKLA.....	3,250,000	7.5	24,375,000
OREGON.....	44,000	31.0	1,364,000
PENN.....	1,560,000	40.0	62,400,000
R. I.....	13,000	44.0	572,000
S. C.....	2,250,000	17.0	38,250,000
S. D.....	3,182,000	34.0	104,188,000
TENN.....	3,500,000	24.0	84,000,000
TEXAS.....	6,900,000	10.0	69,000,000
UTAH.....	24,000	28.0	672,000
VT.....	45,000	38.0	1,710,000
VA.....	2,000,000	28.0	56,000,000
WASH.....	45,000	38.0	1,634,000
W. VA.....	800,000	31.0	24,800,000
WIS.....	1,717,000	40.5	69,538,000
WYO.....	40,000	25.0	1,000,000
U. S.....	107,494,000	24.0	2,582,814,000

WHAT BECOMES OF THE CORN CROP.

The following represents the United States Department of Agriculture idea of the disposition of the corn crop:

Consumption on Farms.		Per Cent. of Entire Crop.
Horses and Mules.....	728,000,000	27.0
Swine.....	724,000,000	26.8
Cattle (other than Milch.)	254,000,000	9.4
Milch Cows.....	231,000,000	8.6
Poultry.....	97,000,000	3.6
Human Beings.....	92,000,000	3.4
Sheep.....	60,000,000	2.2
Seed.....	23,000,000	.8
Other, or doubtful.....	103,000,000	3.8
Total.....	2,312,000,000	85.6
City Disposition.		Per Cent. of Total Crop.
Used in Flour Mills.....	245,000,000	9.1
Glucose and Starch.....	40,000,000	1.5
Manufacture of Distilled Liquors.....	21,000,000	.8
Manufacture of Malt Liquors	14,000,000	.5
Used for Feed in Towns.....	120,000,000	4.4
Exported.....	45,000,000	1.7
Balance indefinite.....	28,000,000	1.0
Total.....	513,000,000	19.0

THE HORSE NEWSPAPER.

In the year 1829, in September, the first number of the American Turf Register and Sporting Magazine was issued in New York with John S. Skinner as editor. Ten years later this paper was absorbed by The Spirit of the Times.

Oats Crop—Final, 1917.

The oats crop of 1917 was estimated in December to be the largest ever grown. The state of Iowa produced the largest number of bushels; the state of Illinois raised a few bushels less than Iowa. Illinois produced an average of fifty-two bushels to the acre, against forty-seven bushels an acre in Iowa:

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.	540,000	18.0	9,720,000
ARIZ.	10,000	40.0	400,000
ARK.	340,000	28.0	9,520,000
CALIF.	196,000	35.0	6,860,000
COLO.	293,000	38.0	11,134,000
CONN.	20,000	33.0	660,000
DEL.	4,000	32.0	128,000
FLA.	55,000	14.0	770,000
GA.	650,000	16.0	10,400,000
IDA.	275,000	38.0	10,450,000
ILL.	4,700,000	52.0	244,400,000
IND.	1,820,000	42.0	76,440,000
IOWA.	5,250,000	47.0	246,750,000
KAS.	2,284,000	31.0	70,804,000
KY.	310,000	26.0	8,060,000
LA.	84,000	22.3	1,873,000
ME.	170,000	29.0	4,930,000
MD.	47,000	34.0	1,597,000
MASS.	12,000	37.0	444,000
MICH.	1,550,000	36.5	56,575,000
MINN.	3,250,000	37.0	120,250,000
MISS.	300,000	19.0	5,700,000
MO.	1,480,000	40.0	59,200,000
MONT.	680,000	20.0	13,600,000
NEB.	3,038,000	38.0	115,444,000
NEV.	14,000	40.0	560,000
N. H.	14,000	38.0	532,000
N. J.	73,000	34.0	2,482,000
N. M.	45,000	30.0	1,350,000
N. Y.	1,275,000	35.0	44,625,000
N. C.	340,000	17.0	5,780,000
N. D.	2,575,000	15.0	38,625,000
OHIO.	1,775,000	44.0	78,100,000
OKLA.	1,150,000	23.0	26,450,000
ORE.	365,000	25.0	9,125,000
PENN.	1,175,000	35.0	41,125,000
R. I.	4,000	31.0	124,000
S. C.	1,475,000	15.0	6,000,000
S. D.	1,925,000	34.0	65,450,000
TENN.	300,000	24.5	7,350,000
TEXAS.	1,425,000	26.0	37,050,000
UTAH.	100,000	44.0	4,400,000
VT.	88,000	36.0	3,168,000
VA.	225,000	24.5	5,512,000
WASH.	292,000	38.5	11,242,000
W. VA.	143,000	27.0	3,861,000
WIS.	2,250,000	44.0	99,000,000
WYO.	263,000	36.0	9,468,000
U. S.	43,572,000	36.4	1,587,286,000
Latest.	43,353,000	36.6	1,592,740,000

Tobacco Crop—1917.

State.	Planted Acres.	Yield Per Acre.	Production, Pounds.
ALA.	200	730	146,000
ARK.	300	700	210,000
CONN.	21,000	1,400	29,540,000
FLA.	3,100	1,100	3,410,000
GA.	1,600	1,000	1,600,000
ILL.	700	800	560,000
IND.	14,800	950	14,060,000
KY.	474,000	900	426,600,000
MD.	28,600	790	22,594,000
LA.	600	350	210,000
MASS.	8,400	1,409	11,833,000
MO.	3,000	940	2,820,000
N. H.	100	1,670	1,670,000
N. Y.	2,500	1,250	3,125,000
N. C.	325,000	630	204,750,000
OHIO.	103,200	960	99,072,000
PENN.	41,500	1,400	58,100,000
S. C.	72,000	710	51,120,000
TENN.	101,000	810	81,810,000
TEXAS.	200	670	134,000
VT.	100	1,650	165,000
VA.	185,000	700	129,500,000
W. VA.	11,300	800	9,040,000
W. VA.	11,300	800	9,040,000
U. S.	1,446,000	827	1,196,451,000
Latest.	1,518,000	823	1,249,608,000

OATS CROP OF 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, estimating acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.	428,000	19.0	8,132,000
ARIZ.	11,000	40.0	440,000
ARK.	142,000	25.5	11,271,000
CALIF.	175,000	32.0	5,600,000
COLO.	293,000	33.0	9,669,000
CONN.	24,000	38.0	912,000
DEL.	5,000	35.0	175,000
FLA.	60,000	18.0	1,080,000
GA.	600,000	20.0	12,000,000
IDAHO.	237,000	40.0	9,480,000
ILL.	4,508,000	44.0	198,352,000
IND.	2,025,000	42.0	85,050,000
IOWA.	5,466,000	42.0	229,572,000
KAS.	2,329,000	22.0	51,238,000
KY.	100,000	24.0	2,400,000
LA.	80,000	25.0	2,000,000
MAINE.	169,000	40.0	6,760,000
MD.	60,000	33.0	1,980,000
MASS.	12,000	40.0	480,000
MICH.	1,658,000	40.0	66,320,000
MINN.	3,282,000	41.0	134,562,000
MISS.	280,000	20.0	5,600,000
MO.	1,524,000	29.0	44,196,000
MONT.	680,000	30.0	20,400,000
NEB.	2,531,000	22.2	56,188,000
NEV.	14,000	38.0	532,000
N. H.	24,000	38.0	912,000
N. J.	85,000	40.0	3,400,000
N. M.	45,000	28.0	1,260,000
N. Y.	1,360,000	41.0	51,660,000
N. C.	325,000	20.0	6,500,000
N. D.	2,575,000	23.5	60,512,000
OHIO.	1,800,000	44.0	79,200,000
OKLA.	1,380,000	24.0	33,120,000
OREGON.	361,000	25.0	9,025,000
PENN.	1,210,000	39.0	47,190,000
R. I.	2,000	42.0	84,000
S. C.	500,000	22.0	11,000,000
S. D.	2,160,000	39.0	84,240,000
TENN.	325,000	25.0	8,125,000
TEXAS.	1,510,000	14.7	22,197,000
UTAH.	98,000	45.0	4,410,000
VT.	103,000	41.0	4,223,000
VA.	225,000	23.0	5,175,000
WASH.	310,000	27.0	8,370,000
W. VA.	160,000	27.0	4,320,000
WIS.	2,364,000	46.6	110,162,000
WYO.	285,000	41.0	11,685,000
U. S.	44,400,000	34.6	1,538,359,000

TOBACCO—1918.

The tobacco crop of 1918 showed increased acreage, and the largest crop since 1910 and probably the largest on record. Kentucky, North Carolina, Virginia and Ohio are the leading tobacco states.

State.	Planted Acres.	Per Cent.	Production, Pounds.
ALA.	200	100	110,000
ARK.	300	100	180,000
CONN.	22,600	107	39,826,000
FLA.	4,600	150	4,554,000
GA.	2,900	180	3,030,000
ILL.	700	100	563,000
IND.	16,300	110	14,890,000
KY.	431,300	91	369,739,000
LA.	300	50	107,090
MD.	28,600	100	23,672,000
MASS.	9,200	110	16,499,000
MO.	3,100	101	2,790,000
N. H.	100	100	182,000
N. Y.	3,000	120	3,567,000
N. C.	341,200	105	240,444,000
OHIO.	115,600	112	112,363,000
PENN.	45,600	110	66,284,000
S. C.	86,400	120	64,161,000
TENN.	77,800	77	61,594,000
TEXAS.	200	100	109,000
VT.	100	100	181,000
VA.	196,100	106	162,371,000
W. VA.	13,600	120	11,213,000
WIS.	53,100	110	75,933,000
U. S.	1,452,900	100	1,265,362,000
Latest.	1,549,000	100	1,340,019,000

Jonathan Curran, of Murfreesboro, Tenn., started breeding jacks and jennets in the year 1830.

TAME HAY CROP—1918.

The tame hay crop of 1918 is eighteen million tons less than the largest crop. New York, Pennsylvania, Iowa and Illinois lead in quantity for the year. The average production per acre is not up to the average.

State.	Area, Acreage.	Per Cent. of 1917.	Pro-duction, Tons.
ALA.	1,622,000	112	1,622,000
ARIZ.	149,000	95	477,000
ARK.	402,000	103	482,000
CALIF.	2,376,000	99	2,970,000
COLO.	951,000	98	2,045,000
CONN.	340,000	97	442,000
DEL.	83,000	106	104,000
FLA.	104,000	104	119,000
GA.	535,000	100	482,000
IDAHO.	667,000	92	1,934,000
ILL.	3,052,000	111	4,029,000
IND.	2,210,000	103	3,204,000
IOWA.	3,128,000	99	4,098,000
KAS.	1,478,000	100	2,069,000
KY.	1,072,000	110	1,394,000
LA.	260,000	100	338,000
MAINE.	1,137,000	98	1,308,000
MD.	473,000	107	639,000
MASS.	437,000	95	524,000
MICH.	2,481,000	97	2,555,000
MINN.	1,702,000	92	2,383,000
MISS.	227,000	87	272,000
MO.	2,989,000	94	2,600,000
MONT.	767,000	101	1,150,000
NEB.	1,701,000	107	2,381,000
NEV.	496,000	93	567,000
N. H.	350,000	100	490,000
N. J.	192,000	95	422,000
N. M.	4,185,000	100	5,189,000
N. Y.	444,000	101	577,000
N. D.	522,000	95	574,000
OHIO.	2,925,000	100	3,890,000
OKLA.	581,000	101	680,000
OREGON.	815,000	97	1,467,000
PENN.	3,123,000	101	4,154,000
R. I.	59,000	98	77,000
S. C.	250,000	100	275,000
S. D.	720,000	98	1,152,000
TENN.	981,000	110	1,324,000
TEXAS.	450,000	100	450,000
UTAH.	388,000	99	912,000
VT.	926,000	98	1,204,000
VA.	892,000	105	1,115,000
WASH.	751,000	93	1,352,000
W. VA.	798,000	101	998,000
WIS.	2,406,000	89	3,296,000
WYO.	571,000	102	1,199,000
U. S.	53,386,000	100	71,555,000
Latest.	55,971,000	100	71,555,900

WILD HAY CROP—1918.

The wild hay crop is not one that increases, the total tons for 1918 being about 6,000,000 tons less than in 1915, and the average per acre is less.

State.	Area, Acres.	Per Cent. of 1917.	Pro-duction, Tons.
ALA.	35,000	100	35,000
ARIZ.	13,000	90	13,000
ARK.	86,000	93	71,000
CALIF.	182,000	81	173,000
COLO.	451,000	100	424,000
CONN.	13,000	99	14,000
DEL.	10,000	101	11,000
FLA.	9,000	97	10,000
GA.	13,000	103	12,000
IDAHO.	113,000	97	124,000
ILL.	101,000	105	131,000
IND.	60,000	95	72,000
IOWA.	615,000	100	738,000
KAS.	1,305,000	100	848,000
KY.	5,000	101	5,000
LA.	30,000	100	30,000
MAINE.	21,000	100	21,000
MD.	5,000	100	6,000
MASS.	21,000	100	21,000
MICH.	38,000	105	40,000
MINN.	1,786,000	94	2,054,000
MISS.	35,000	88	38,000
MO.	136,000	98	102,000
MONT.	482,000	90	362,000
NEB.	2,883,000	94	2,368,000
NEV.	144,000	80	101,000
N. H.	21,000	100	21,000
N. J.	30,000	101	39,000
N. M.	29,000	90	20,000
N. Y.	69,000	98	69,000
N. C.	38,000	98	42,000
N. D.	2,115,000	97	1,904,000
OHIO.	2,000	98	3,000
OKLA.	600,000	100	336,000
OREGON.	176,000	89	194,000
PENN.	14,000	93	13,000
R. I.	1,000	98	1,000
S. C.	10,000	100	10,000
S. D.	3,185,000	98	3,185,000
TENN.	28,000	101	34,000
TEXAS.	214,000	95	128,000
UTAH.	64,000	96	70,000
VT.	11,000	99	12,000
VA.	9,000	105	9,000
WASH.	26,000	91	35,000
W. VA.	6,000	100	7,000
WIS.	318,000	102	413,000
WYO.	300,000	100	330,000
U. S.	15,863,000	96	14,699,000
Latest.	15,283,000	96	14,374,000

STOCKS OF HAY IN UNITED STATES.

Year.	Production of All Hay Preceding Year, (Tons.)	Per Cent. Farms, May 1, 1918.	Tons	Price Per Ton, (Tame)	Price Per Ton, (Wild)
1910.	81,216,000	11.5	10,053,000	12.21	
1911.	82,529,000	12.4	10,222,000	12.29	
1912.	67,071,000	8.5	5,732,000	17.64	
1913.	90,734,000	14.9	13,523,000	11.13	
1914.	79,179,000	12.2	9,631,000	12.32	
1915.	88,686,000	12.2	10,797,000	11.82	8.58
1916.	107,263,000	13.5	14,453,000	12.22	7.56
1917.	110,992,000	11.4	12,659,000	14.44	10.94
1918.	94,930,000	11.7	11,096,000	\$17.97	\$14.47

BEANS.

Bean production for three years, as reported by the United States Department of Agriculture. All these figures are estimates, and are often changed, the latest of course, being final.

State.	1916, Bushels.	1917, Bushels.	1918, Bushels.
N. Y.	1,140,000	1,575,000	1,444,000
MICH.	3,102,000	3,294,000	4,911,000
COLO.	424,000	1,188,000	1,852,000
N. M.	425,000	667,000	1,620,000
ARIZ.	48,000	152,000	160,000
CALIF.	5,576,000	8,091,000	7,815,000
Total...	10,715,000	14,967,000	17,802,000

The soy bean was first grown in America in the botanic garden at Cambridge, Mass., in 1829.

WHEAT ON HAND THREE YEARS.

This table is of wheat held in country mills on March 1st of 1913, 1914 and 1918:

State.	1913, Bushels.	1914, Bushels.	1918, Bushels.
N. Y.	536,000	612,000	587,000
PENN.	3,571,000	3,935,000	3,183,000
MD.	898,000	1,136,000	803,000
VA.	1,547,000	1,591,000	2,509,000
OHIO.	1,464,000	4,212,000	3,703,000
IND.	1,210,000	4,773,000	2,337,000
ILL.	982,000	3,770,000	2,128,000
MICH.	980,000	1,789,000	1,217,000
WIS.	463,000	476,000	852,000
MINN.	10,726,000	8,845,000	6,956,000
IOWA.	1,928,000	1,312,000	668,000
MO.	4,275,000	5,542,000	2,479,000
N. D.	24,449,000	8,674,000	6,160,000
S. D.	8,350,000	5,098,000	5,202,000
NEB.	4,955,000	5,609,000	826,000
KAS.	8,306,000	6,089,000	2,297,000
OK.	1,166,000	1,972,000	720,000
TENN.	920,000	1,428,000	386,000
TEXAS.	1,764,000	2,048,000	486,000
OKLA.	3,215,000	1,575,000	1,070,000
MONT.		2,274,000	2,874,000
WASH.	16,118,000	9,594,000	5,844,000
All Other.	20,577,000	11,275,000	15,685,000
U. S.	118,400,000	93,627,000	68,972,000

THE BEGINNING AT CHICAGO.

In the year 1827 Archibald Clybourn opened a butcher shop in Chicago, and during the winter of 1833 established a slaughter house on North Branch, south of Bloomingdale Road. This is the beginning of Chicago's manufacturing and packing interests.

White Potatoes—1917.

The crop of white potatoes in 1917 exceeded previous records and came at the right time. New York is the banner potato state, so far as quantity grown is concerned, but the average quantity per acre belongs to Nevada, where the actual acreage is small.

State.	Planted Acres.	Yield Per Acre.	Produc- tion, Bushels.
ALA.	41,000	72.0	2,952,000
ARIZ.	4,000	105.0	420,000
ARK.	30,000	80.0	2,400,000
CALIF.	105,000	145.0	15,525,000
COLO.	70,000	133.0	9,310,000
CONN.	29,000	110.0	3,190,000
DEL.	13,000	95.0	1,235,000
FLA.	25,000	91.0	2,275,000
GA.	19,000	84.0	1,596,000
IDA.	39,000	156.0	6,084,000
ILL.	150,000	90.0	13,500,000
IND.	92,000	92.0	8,464,000
IOWA.	138,000	95.0	13,110,000
KAS.	78,000	57.0	4,446,000
KY.	70,000	96.0	6,720,000
LA.	25,000	64.0	1,600,000
ME.	150,000	135.0	20,250,000
MD.	60,000	100.0	6,000,000
MASS.	38,000	115.0	4,370,000
MICH.	378,000	95.0	35,910,000
MINN.	300,000	112.0	33,600,000
MISS.	14,000	78.0	1,092,000
MO.	109,000	87.0	9,483,000
MONT.	57,000	95.0	5,415,000
NEB.	147,000	85.0	12,495,000
NEV.	15,000	207.0	3,105,000
N. H.	21,000	107.0	2,247,000
N. J.	98,000	114.0	11,172,000
N. M.	11,000	116.0	1,276,000
N. Y.	400,000	95.0	38,000,000
N. D.	50,000	90.0	4,500,000
OHIO.	90,000	43.0	3,870,000
OKLA.	160,000	100.0	16,000,000
ORE.	36,000	69.0	2,484,000
PENN.	75,000	108.0	8,100,000
R. I.	321,000	92.0	29,532,000
S. C.	5,000	135.0	675,000
S. D.	15,000	96.0	1,440,000
TENN.	80,000	90.0	7,200,000
TEXAS.	52,000	94.0	4,888,000
UTAH.	46,000	60.0	2,760,000
VT.	23,000	189.0	4,347,000
VA.	30,000	100.0	3,000,000
WASH.	200,000	99.0	19,800,000
W. VA.	79,000	125.0	9,875,000
WIS.	65,000	115.0	7,475,000
WYO.	307,000	114.0	34,998,000
	30,000	155.0	4,650,000

U. S. 4,390,000 100.8 442,536,000

Production of Soy Beans, 1917.

Soy beans are grown for various purposes the same as cowpeas. After figuring the grain yield and the hay yield, there is the plowed under and grazed area, the quantity put in silos, also to be considered.

State.	Planted.	Grain Yield, Bushels.	Hay Yield, Tons.
ARK.	15,000	.....	.....
ILL.	30,000	.....	.....
IND.	100,000	7,000	8,000
KY.	57,000	108,000	80,000
MD.	2,000	.....	.....
MISS.	31,000	72,000	15,000
MO.	20,000	40,000	5,000
N. C.	120,000	840,000	90,000
N. J.	2,000	11,000	.....
N. Y.	7,000	.....	.....
OHIO.	12,000	14,000	.....
PENN.	8,000	40,000	.....
S. C.	11,000	.....	.....
TENN.	50,000	50,000	120,000
VA.	50,000	.....	.....
VT.	8,000	.....	.....
W. VA.	5,000	4,000	8,000
WIS.	3,000	.....	2,000
Total.	531,000	1,186,000	328,000

POTATO PRODUCTION, 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, showing acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acre.	Produc- tion, Bushels.
ALA.	60,000	80	4,800,000
ARIZ.	5,000	85	425,000
ARK.	48,000	50	2,400,000
CALIF.	90,000	143	12,870,000
COLO.	72,000	158	11,376,000
CONN.	26,000	95	2,470,000
DEL.	11,000	87	957,000
FLA.	35,000	100	3,500,000
GA.	23,000	70	1,610,000
IDAHO.	29,000	180	5,220,000
ILL.	160,000	72	11,520,000
IND.	97,000	80	7,760,000
IOWA.	134,000	72	9,648,000
KAS.	80,000	53	4,240,000
KY.	75,000	75	5,625,000
LA.	55,000	79	4,345,000
MAINE.	112,000	200	22,400,000
MD.	50,000	80	4,000,000
MASS.	36,000	133	4,788,000
MICH.	340,000	84	28,560,000
MINN.	312,000	105	32,760,000
MISS.	20,000	80	1,600,000
MO.	114,000	61	6,954,000
MONT.	52,000	135	7,020,000
NEB.	121,000	86	10,406,000
NEV.	9,000	171	1,539,000
N. H.	21,000	140	2,940,000
N. J.	92,000	92	8,464,000
N. M.	10,000	100	1,000,000
N. Y.	380,000	92	34,960,000
N. C.	45,000	95	4,275,000
N. D.	90,000	99	8,910,000
OHIO.	160,000	69	11,040,000
OKLA.	37,000	91	3,373,000
OREGON.	50,000	110	5,500,000
PENN.	305,000	80	24,400,000
R. I.	5,000	130	650,000
S. C.	28,000	102	2,856,000
S. D.	90,000	91	8,190,000
TENN.	50,000	70	3,500,000
TEXAS.	60,000	55	3,300,000
UTAH.	20,000	180	3,600,000
VA.	26,000	130	3,380,000
WASH.	125,000	94	11,750,000
W. VA.	65,000	132	8,580,000
WIS.	60,000	87	5,220,000
WYO.	295,000	112	33,040,000
	30,000	150	4,500,000
U. S.	4,210,000	95	400,106,000

Wheat Supply and Consumption.

The following tabulation was prepared in the United States Department of Agriculture to show the per capita production of wheat.

Year.	Production, Bushels.	Export, Bushels.	Consumption, Bushels.	Carried Over, Bushels.
1900.	6.87	2.84	.....	1.16
1901.	9.64	3.02	6.85	1.24
1902.	8.46	2.56	6.18	.96
1903.	7.89	1.49	6.53	.86
1904.	6.70	.53	6.35	.68
1905.	8.24	1.16	6.58	1.18
1906.	8.58	1.71	6.50	1.55
1907.	7.26	1.87	6.17	.77
1908.	7.47	1.28	6.48	.48
1909.	8.14	.96	6.74	.92
1910.	6.85	.75	6.08	.98
1911.	6.62	.85	5.93	.82
1912.	7.65	1.50	6.03	.94
1913.	7.87	1.50	6.53	.78
1914.	9.03	2.37	5.89	.85
1915.	10.09	2.50	6.55	1.59
1916.	6.00	.....	.....	.....

CONDENSING MILK.

In 1827 the idea of condensing milk to make it keep better occurred to a French chemist named Appert. Seven years later the method of evaporating the milk in rarefied air to prevent it from reaching the boiling point was first used.

BREEDING SOWS ON FARMS.

The number of breeding sows on farms in the United States is ascertained on the first of April every year by the United States Department of Agriculture. For instance, in 1914 the total was 8,916,000; in 1915 the total reached 9,382,000; and in 1916 the total reached 9,402,000. We now present the statement for the three years, including April 1, 1919. These figures are especially interesting for the reason that we have now the largest number of swine in the country on record.

State.	1917.	1918.	1919.
ME.	18,000	19,000	19,000
N. H.	9,000	10,000	10,000
VT.	18,000	19,000	19,000
MASS.	15,000	16,000	18,000
R. I.	2,000	2,000	2,000
CONN.	12,000	13,000	14,000
N. Y.	17,000	17,000	123,000
N. J.	20,000	21,000	22,000
PENN.	138,000	145,000	154,000
DEL.	7,000	8,000	8,000
MD.	42,000	45,000	46,000
VA.	110,000	119,000	123,000
W. VA.	45,000	49,000	51,000
N. C.	150,000	150,000	158,000
S. C.	90,000	95,000	98,000
GA.	260,000	278,000	295,000
FLA.	90,000	101,000	106,000
OHIO.	410,000	493,000	503,000
IND.	530,000	625,000	631,000
ILL.	700,000	791,000	799,000
MICH.	200,000	210,000	218,000
WIS.	333,000	360,000	374,000
MINN.	380,000	399,000	427,000
IOWA.	1,594,000	1,865,000	1,828,000
MO.	670,000	770,000	739,000
N. D.	115,000	104,000	104,000
S. D.	250,000	262,000	272,000
NEB.	687,000	811,000	730,000
KAS.	340,000	340,000	340,000
KY.	167,000	175,000	178,000
TENN.	142,000	168,000	176,000
ALA.	155,000	174,000	186,000
MISS.	131,000	147,000	150,000
LA.	120,000	124,000	120,000
TEXAS.	313,000	269,000	282,000
OKLA.	180,000	153,000	150,000
ARK.	123,000	135,000	139,000
MONT.	43,000	37,000	35,000
WYO.	13,000	13,000	13,000
COLO.	65,000	67,000	70,000
N. M.	13,000	12,000	10,000
ARIZ.	12,000	10,000	8,000
UTAH.	13,000	16,000	16,000
NEV.	5,000	5,000	5,000
IDAHO.	26,000	22,000	22,000
WAH.	37,000	36,000	35,000
OREGON.	42,000	42,000	41,000
U. S.	9,072,000	9,937,000	9,970,000

SORGHUM FOR SYRUP—1918.

Alabama has a long lead in the production of sorghum for syrup over any other state, producing nearly half the crop. The production in 1918 is about 4,000,000 gallons less than in 1917.

State.	Planted, Acres.	Per Cent. 1917.	Pro- duction, Gallons.
ALA.	163,200	85	14,326,000
ARK.	15,980	94	992,000
FLA.	189	106	22,000
GA.	10,000	100	960,000
ILL.	9,603	108	834,000
IND.	7,697	115	745,000
IOWA.	4,347	175	430,000
KAS.	3,194	100	187,000
KY.	33,250	96	2,981,000
LA.	447	98	29,000
MINN.	1,480	120	146,000
MISS.	9,359	90	764,000
MO.	21,600	108	1,804,000
NEB.	386	194	27,000
N. M.	30	100	2,000
N. C.	11,058	97	1,082,000
OHIO.	6,012	150	522,000
OKLA.	7,612	100	282,000
S. C.	3,482	98	274,000
TENN.	22,500	90	1,955,000
TEXAS.	8,772	102	462,000
UTAH.	224	115	31,000
VA.	3,571	110	368,000
W. VA.	5,443	110	554,000
WIS.	2,268	125	194,000
U. S.	351,704	93	29,973,000
Latest.	372,600	93	29,234,000

BARLEY CROP OF 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, estimating acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acre.	Produc- tion, Bushels.
ARIZ.	30,000	34.0	1,020,000
CALIF.	1,320,000	26.0	34,320,000
COLO.	176,000	28.0	4,928,000
DEL.	.....	.....	.....
FLA.	.....	.....	.....
GA.	.....	.....	.....
IDAHO.	175,000	28.0	4,900,000
ILL.	250,000	36.0	9,000,000
IND.	45,000	37.0	1,665,000
IOWA.	360,000	31.5	11,340,000
KAS.	604,000	10.0	6,040,000
KY.	7,000	28.0	196,000
LA.	.....	.....	.....
MAINE.	12,000	25.0	300,000
MD.	6,000	31.0	186,000
MASS.	.....	.....	.....
MICH.	275,000	30.3	8,332,000
MINN.	1,400,000	31.0	43,400,000
MISS.	.....	.....	.....
MO.	10,000	25.0	250,000
MONT.	87,000	22.0	1,914,000
NEB.	343,000	16.5	5,660,000
NEV.	12,000	34.0	408,000
N. H.	1,000	32.0	32,000
N. J.	.....	.....	.....
N. M.	14,000	28.0	392,000
N. Y.	125,000	31.5	3,938,000
N. C.	.....	.....	.....
N. D.	1,734,000	21.5	37,281,000
OHIO.	100,000	31.5	3,150,000
OKLA.	8,000	17.0	136,000
OREGON.	178,000	25.0	4,450,000
PENN.	15,000	28.0	420,000
R. I.	.....	.....	.....
S. C.	.....	.....	.....
S. D.	1,400,000	29.5	41,300,000
TENN.	8,000	23.0	184,000
TEXAS.	10,000	17.0	170,000
UTAH.	32,000	35.0	1,120,000
VT.	16,000	31.0	496,000
VA.	12,000	27.0	324,000
WASH.	173,000	15.2	2,630,000
W. VA.	.....	.....	.....
WIS.	711,000	35.7	25,383,000
WYO.	30,000	37.0	1,110,000
U. S.	9,679,000	26.5	256,375,000

ACREAGE OF TOMATOES.

The following table shows in a general way the number of factories canning tomatoes in each state, also the number of acres contracted for in 1917 and 1918:

State.	Factories.	Reporting.	Acres.	Acres.
	Num- ber.	1917.	1918.	
ARKANSAS.	12	1,830	2,157	
CALIFORNIA.	88	20,977	28,906	
COLORADO.	13	1,672	1,928	
DELAWARE.	59	11,905	9,182	
ILLINOIS.	20	2,543	3,173	
INDIANA.	146	41,530	44,358	
IOWA.	14	2,550	2,267	
KENTUCKY.	19	3,832	7,629	
MARYLAND.	293	43,657	35,185	
MICHIGAN.	25	3,336	3,510	
MISSOURI.	81	11,580	12,018	
NEW JERSEY.	51	17,555	17,422	
NEW MEXICO.	4	1,016	950	
NEW YORK.	57	8,867	8,162	
OHIO.	42	6,752	7,380	
OREGON.	5	157	199	
PENNSYLVANIA.	17	1,515	1,605	
TENNESSEE.	18	3,361	3,414	
UTAH.	25	3,150	4,639	
VIRGINIA.	377	18,142	17,737	
WEST VIRGINIA.	11	851	746	
WISCONSIN.	4	242	255	
ALL OTHER.	18	654	1,070	
United States.	1,399	207,674	213,890	

FIRST PACING RECORD.

The first pacer mentioned in the history of the light harness turf, Bowery Boy (pedigree unknown), established the two-mile pacing record at 5:04½ on September 7th, 1829.

In 1830 light one-horse wagons first appeared in Connecticut.

The Rye Crop—1917.

The rye crop of 1917 was the largest on record and amounted to 60,145,000 bushels, against 48,862,000 bushels in 1916, and 64,050,000 bushels in 1915. The largest 1917 yield was in North Dakota, and the largest yield per acre in Connecticut.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.	4,000	9.5	38,000
ARIZ.	000	00.0	000
ARK.	2,000	13.5	27,000
CALIF.	000	00.0	000
COLO.	27,000	16.0	432,000
CONN.	7,000	20.5	144,000
DEL.	1,000	16.0	16,000
FLA.	000	00.0	000
GA.	15,000	8.5	128,000
IDA.	2,000	15.5	31,000
ILL.	43,000	17.5	752,000
IND.	26,000	18.0	3,000,000
IOWA.	50,000	18.0	900,000
KAS.	76,000	15.0	1,140,000
KY.	30,000	12.5	375,000
LA.	000	00.0	000
ME.	000	00.0	000
MD.	24,000	16.0	384,000
MASS.	3,000	19.0	57,000
MICH.	341,000	15.0	5,115,000
MINN.	410,000	18.5	7,585,000
MISS.	000	00.0	000
MO.	30,000	14.7	441,000
MONT.	9,000	12.7	114,000
NEB.	215,000	15.6	3,354,000
NEV.	000	00.0	000
N. H.	000	00.0	000
N. J.	69,000	18.5	1,276,000
N. M.	000	00.0	000
N. Y.	135,000	19.2	2,565,000
N. C.	52,000	10.0	520,000
N. D.	1,040,000	9.5	9,880,000
OHIO.	90,000	18.0	1,620,000
OKLA.	9,000	10.0	90,000
ORE.	31,000	11.5	356,000
PENN.	260,000	17.0	4,420,000
R. I.	000	00.0	000
S. C.	17,000	10.0	170,000
S. D.	350,000	16.0	5,600,000
TENN.	12,000	10.0	120,000
TEXAS.	2,000	10.0	20,000
UTAH.	13,000	8.0	104,000
VT.	1,000	20.0	20,000
VA.	77,000	15.0	1,155,000
WASH.	7,000	12.7	89,000
W. VA.	20,000	13.5	270,000
WIS.	410,000	18.5	7,585,000
WYO.	18,000	14.0	252,000
U. S.	4,102,000	14.7	60,145,000
Latest.	4,317,000	14.6	62,933,000

COTTON ACREAGE—1918.

The crop of 1917 in bales in given, also the acreage planted in 1918. The latest estimate of the 1918 crop is 11,818,000 bales. The largest cotton crop was 16,135,000 bales, in 1914.

State.	1917 Crop, Bales.	1918 Planted, Acreage.	Per Cent. of 1917.
ALA.	517,890	2,622,000	130
ARIZ.	21,737	92,000	200
ARK.	973,752	2,922,000	104
CALIF.	57,826	191,000	125
FLA.	37,858	167,000	89
GA.	1,883,911	5,432,000	103
LA.	638,729	1,553,000	106
MISS.	905,554	3,264,000	116
MO.	60,831	158,000	98
N. C.	617,989	1,609,000	103
OKLA.	959,081	3,161,000	109
S. C.	1,236,871	2,995,000	104
TENN.	240,525	926,000	102
TEXAS.	3,125,378	11,910,000	102
VA.	18,777	51,000	97
OTHER.	5,666	17,000	106
U. S.	11,302,375	37,073,000	106.2
Latest.	11,700,000	35,890,000	104.2

In 1830 Jersey cattle were first imported into the United States from the Channel Islands.

The tomato was first sold on the market in Philadelphia in 1829.

RYE PRODUCTION, 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, estimating acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.	4,000	11.0	44,000
ARIZ.	2,000	10.5	21,000
ARK.	27,000	12.0	324,000
CALIF.	11,000	22.0	242,000
COLO.	1,000	14.5	14,000
CONN.	20,000	8.8	176,000
DEL.	4,000	15.0	60,000
FLA.	200,000	19.0	3,800,000
GA.	410,000	16.5	6,765,000
IDAHO.	54,000	19.0	1,026,000
IND.	170,000	14.3	2,431,000
IOWA.	65,000	13.6	884,000
KAS.	30,000	15.0	450,000
KY.	4,000	20.0	80,000
LA.	472,000	14.3	6,750,000
MAINE.	435,000	20.0	8,700,000
MD.	34,000	14.0	476,000
MASS.	20,000	12.0	240,000
MICH.	388,000	12.9	5,005,000
MINN.	73,000	18.5	1,350,000
MISS.	112,000	16.5	1,848,000
MO.	60,000	8.0	480,000
MONT.	1,945,000	10.5	20,422,000
NEB.	111,000	17.0	1,887,000
NEV.	8,000	11.0	88,000
N. H.	41,000	12.0	492,000
N. J.	250,000	17.0	4,250,000
N. M.	18,000	11.2	202,000
N. Y.	575,000	18.0	10,350,000
N. C.	30,000	10.0	300,000
N. D.	4,000	5.4	22,000
OHIO.	16,000	13.0	208,000
OKLA.	1,000	21.0	21,000
OREGON.	100,000	12.0	1,200,000
PENN.	7,000	10.0	70,000
R. I.	22,000	13.7	301,000
S. C.	436,000	17.6	7,674,000
S. D.	25,000	18.0	450,000
TENN.	6,185,000	14.4	89,103,000
TEXAS.	16,000	13.0	208,000
UTAH.	1,000	21.0	21,000
VA.	100,000	12.0	1,200,000
WASH.	7,000	10.0	70,000
W. VA.	22,000	13.7	301,000
WIS.	436,000	17.6	7,674,000
WYO.	25,000	18.0	450,000
U. S.	6,185,000	14.4	89,103,000

The Cotton Crop.

The Department of Agriculture in December gives us an estimate by states of the cotton crop of 1917. We present it, together with the enumeration of the crop of 1916 and the five-year average from 1911 to 1915, inclusive. The small crop of 1917 was selling at 27.7 cents a pound in December, 1917, against 10 cents a pound, the December average for the five-year period.

State.	Five-year Average, Bales.	1916, Bales.	1917, Bales.
VIRGINIA.	23,762	27,127	16,000
N. CAROLINA.	872,830	654,603	570,000
GEORGIA.	2,297,697	1,820,939	1,820,000
FLORIDA.	64,787	41,449	40,000
ALABAMA.	1,465,301	533,402	505,000
MISSISSIPPI.	1,152,041	811,794	895,000
LOUISIANA.	399,007	443,182	615,000
TEXAS.	4,180,240	3,725,700	3,115,000
ARKANSAS.	927,273	1,134,033	895,000
TENNESSEE.	358,538	382,422	206,000
MISSOURI.	60,871	62,699	51,000
OKLAHOMA.	937,106	823,526	890,000
CALIFORNIA.	23,846	43,620	67,000
ALL OTHER.	8,296	13,604	29,000
U. S.	14,175,872	11,449,930	10,949,000
Latest.	14,175,872	11,449,930	11,302,375

In 1830 Major Knox, of Danville, Ky., a great breeder and prize winner, commenced breeding jacks and jennets.

ALL WHEAT—FULL CROP, 1918.

The statement herewith is by the United States Department of Agriculture, issued December, 1918, for the crop of that year, estimating acres planted, yield per acre and production in bushels.

State.	Planted Acres.	Yield Per Acre.	Production, Bushels.
ALA.	140,000	9.5	1,330,000
ARIZ.	38,000	26.0	988,000
ARK.	254,000	12.9	3,048,000
CALIF.	506,000	15.0	7,590,000
COLO.	742,000	18.0	13,335,000
CONN.	133,000	13.0	1,729,900
DEL.	133,000	13.0	1,729,900
FLA.	356,000	10.2	3,631,000
GA.	845,000	21.4	18,043,000
IDAHO.	2,774,000	22.0	60,991,000
ILL.	2,353,000	21.0	49,427,000
IND.	1,050,000	18.7	19,650,000
IOWA.	7,248,000	14.1	102,008,000
KAS.	933,000	13.0	12,129,000
KY.	23,000	22.0	506,000
LA.	732,000	15.5	11,346,000
MAINE.	754,000	14.2	10,716,000
MD.	3,799,000	21.0	79,710,000
MASS.	30,000	16.0	495,000
MICH.	3,092,000	13.0	53,154,000
MINN.	2,062,000	12.3	25,434,000
MISS.	3,828,000	11.3	43,141,000
MONT.	42,000	25.5	1,070,000
NEB.	106,000	17.0	1,700,000
NEV.	213,000	15.7	3,334,000
N. H.	430,000	18.2	7,840,000
N. J.	1,015,000	7.0	7,105,000
N. M.	7,770,000	13.0	101,010,000
N. Y.	2,290,000	19.0	43,547,000
OHIO.	2,611,000	12.6	32,899,000
OKLA.	1,038,000	14.7	15,228,000
OREGON.	1,454,000	17.0	24,718,000
PENN.	205,000	11.0	2,255,000
R. I.	3,765,000	18.9	71,305,000
S. C.	750,000	10.0	7,500,000
S. D.	892,000	10.0	8,920,000
TENN.	320,000	20.2	6,464,000
TEXAS.	18,000	22.0	396,000
UTAH.	1,300,000	12.0	15,600,000
VT.	2,191,000	12.1	26,429,000
WA.	348,000	14.2	4,942,000
WASH.	406,000	24.2	9,837,000
W. VA.	260,000	25.4	6,600,000
WIS.	59,110,000	15.5	917,100,000
WYO.			
U. S.			

Acreage of Non-food Crops.

The following statement shows the acreage planted in cotton, flax and sorghum cane from and including the year 1909:

Year.	Cotton, Acres.	Flax, Acres.	Sorghum Cane, Acres.
1909.....	30,938,000	2,083,000	189,000
1910.....	32,403,000	2,467,000	184,000
1911.....	36,045,000	2,757,000	170,000
1912.....	34,283,000	2,851,000	165,000
3 Years.....	102,731,000	8,075,000	519,000
1913.....	37,089,000	2,291,000	159,000
1914.....	36,832,000	1,645,000	150,000
1915.....	31,412,000	1,387,000	164,000
3 Years.....	105,333,000	5,323,000	473,000
1916.....	34,995,000	1,440,000	157,000
1917.....	33,841,000	1,809,000	378,000
1918.....	37,073,000	1,967,000	352,000
3 Years.....	105,899,000	5,250,000	887,000

A USEFUL MAN.

In 1828, August 3d, is the late of the birth of Andrew S. Fuller, farmer, mechanic, horticultural writer and improver of flowers and fruits. He died in 1896. His "Small Fruit Cultivist" is published in several languages.

THE WINE GRAPES.

In the year 1828, Nicholas Longworth, of Cincinnati, by introducing native vines or their seedlings, produced from Catawba and Isabella grapes vine of a high marketable value.

CHERRY TREES AND PRODUCTION.

The production of cherries increased in the United States from 2,873,499 bushels in 1889 to 4,126,099 bushels in the year 1909. Since then we have no records. At the beginning of the year 1910 there were 11,822,044 trees of bearing age on 1,248,667 farms, and on 488,163 farms the 5,621,660 trees not of bearing age were growing up. The value of the cherries grown in the United States in the last census year was estimated at \$7,231,160.

State.	Trees of Bearing Age.	Trees Not of Bearing Age.	Crop, 1899, Bushels.	Crop, 1909, Bushels.
ALA.	25,566	16,673	1,159	3,588
ARIZ.	812	1,608	220	476
ARK.	60,046	47,556	7,889	5,993
CAL.	522,304	300,063	318,960	5,010,913
COLO.	203,806	319,624	5,387	88,937
CONN.	12,119	5,720	12,271	3,617
DEL.	16,145	4,598	8,066	2,634
D. C.	435	4	248	235
FLA.	666	498	112	374
GA.	50,723	23,479	5,950	4,979
IDA.	61,881	95,423	12,294	22,609
ILL.	848,283	239,065	204,279	287,376
IND.	815,742	251,959	228,485	363,993
IA.	908,764	229,352	118,743	260,432
KAS.	661,267	237,051	60,511	34,409
KY.	212,118	102,766	34,258	52,163
LA.	975	760	336	527
ME.	11,288	6,653	1,550	2,403
MD.	82,305	27,774	60,452	42,315
MASS.	13,396	6,776	6,043	4,761
MICH.	760,183	540,580	194,541	338,943
MINN.	25,139	35,399	960	1,526
MISS.	15,748	9,269	2,352	2,819
MO.	622,332	247,425	62,708	123,314
MONT.	19,338	24,237	807	7,497
NEB.	494,168	267,529	54,047	89,876
NEV.	1,558	787	114	481
N. H.	9,463	6,326	1,183	1,403
N. J.	102,124	36,743	82,005	44,636
N. M.	21,925	26,818	5,228	6,384
N. Y.	673,989	342,959	218,642	271,597
N. C.	168,065	74,111	33,899	53,788
N. D.	5,076	21,484	4	209
OHIO	1,144,271	342,328	192,954	338,644
OKLA.	295,042	150,541	3,221	2,372
ORE.	223,456	313,770	65,347	181,089
PENN.	1,075,031	280,251	474,940	475,093
R. I.	964	453	1,329	214
S. C.	60,274	25,764	6,551	10,987
S. D.	51,613	76,293	900	5,924
TENN.	201,830	128,406	11,688	36,303
TEX.	29,439	43,112	663	1,062
UTAH	79,775	109,118	9,905	21,402
VT.	18,006	6,659	1,069	2,506
WA.	352,783	83,323	188,693	132,671
WASH.	241,038	229,067	52,114	131,392
W. VA.	332,429	124,567	87,828	79,230
WIS.	290,495	148,775	31,067	81,340
WYO.	919	4,025	1	68

Total. 11,822,044 5,621,660 2,873,499 4,126,099
(This statement will not appear again.)

BROOM CORN PRODUCTION.

The United States Department of Agriculture issued the following statement in September, 1919:

State.	1918. Tons.	1919. Acres.	1919. Tons.
ILLINOIS.....	9,000	27,000	7,500
KANSAS.....	8,500	29,000	5,200
TEXAS.....	19,200	58,000	10,200
OKLAHOMA.....	16,100	137,000	28,400
COLORADO.....	5,200	17,000	4,000
TOTAL ABOVE.....	58,000	268,000	55,300

THE CHESTER WHITE HOG.

In 1830 was the first appearance of the Chester White hog in Ohio. Iceland and Isaac Todd brought a pair with them from East Haven, Conn., to the vicinity of Wake-man.

THE COUNTRY GENTLEMAN.

In the year 1831, on January 1st, the Genesee Farmer was founded by Mr. Luther Tucker at Rochester, N. Y., and was the forerunner of The Country Gentleman, the oldest agricultural periodical in the world, having been published continuously and without interruption.

WHEAT PLANTING—FALL, 1918.

The Agricultural Department has issued a recommendation for winter wheat planting in 1918, which is an average of seven per cent. over the 1917 planting. The tabulated statement herewith shows the largest winter wheat acreage planted in the different states heretofore and the recommendation is also given to show the reasonableness of the desired action.

State.	Maxi- mum Acre- age Planted.	Maxi- mum Now Sug- gested. Acre- age.	Per Cent. 1917
ALA.....	144,000	158,000	105
ARIZ.....	44,000	48,000	105
ARK.....	238,000	317,000	105
CALIF.....	489,000	538,000	105
COLO.....	462,000	508,000	105
DEL.....	146,000	160,000	105
GA.....	428,000	514,000	105
IDAHO.....	405,000	405,000	125
ILL.....	2,934,000	3,200,000	113
IND.....	2,820,000	3,100,000	110
IOWA.....	525,000	900,000	131
KAS.....	9,479,000	9,479,000	100
KY.....	968,000	1,142,000	110
MD.....	737,000	811,000	105
MICH.....	963,000	941,000	100
MINN.....	89,000	89,000	100
MISS.....	36,000	45,000	110
MO.....	2,875,000	3,235,000	108
MONT.....	775,000	775,000	100
NEB.....	3,674,000	3,762,000	117
NEV.....	23,000	10,000	100
N. J.....	99,000	104,000	102
N. M.....	270,000	283,000	102
N. Y.....	512,000	563,000	103
N. C.....	1,179,000	1,297,000	105
OHIO.....	2,145,000	2,500,000	109
OKLA.....	3,400,000	3,400,000	100
OREGON.....	692,000	692,000	105
PENN.....	1,530,000	1,683,000	103
S. C.....	270,000	297,000	105
S. D.....	182,000	182,000	111
TENN.....	90,000	101,000	110
TEXAS.....	1,730,000	1,730,000	107
UTAH.....	256,000	275,000	105
VA.....	1,463,000	1,609,000	105
WASH.....	1,156,000	850,000	180
W. VA.....	355,000	390,000	105
WIS.....	112,000	112,000	100
WYO.....	84,000	92,000	105
U. S.....	44,640,000	47,206,000	107

NOTE.—States that suffered from drouth conditions were not asked to increase wheat acreage. In Michigan, Wisconsin, Minnesota and South Dakota, larger increase of winter wheat acreage is not suggested, because of heavy increases suggested for rye. The actual planting of fall wheat crop of 1919 is estimated at 42,170,000 acres.

WHEAT ON FARMS, 1915, 1916, 1917.

This table shows the amount of wheat reported as being on farms on the 1st of March for several years. A separate table shows the amount of wheat on farms on March 1st, 1918.

State.	1915. Bushels.	1916. Bushels.	1917. Bushels.
PENN.....	5,462,000	8,612,000	4,702,000
MD.....	2,368,000	2,568,000	2,048,000
VA.....	2,598,000	4,922,000	2,925,000
N. C.....	2,126,000	2,551,000	1,796,000
OHIO.....	8,038,000	12,058,000	3,240,000
IND.....	6,486,000	10,028,000	2,527,000
ILL.....	5,550,000	9,576,000	1,460,000
MICH.....	3,983,000	5,725,000	2,448,000
MINN.....	10,314,000	19,844,000	5,787,000
IOWA.....	3,013,000	4,556,000	1,672,000
MO.....	6,933,000	5,798,000	1,492,000
N. D.....	15,502,000	39,512,000	11,011,000
S. D.....	6,945,000	17,853,000	5,958,000
NEB.....	10,899,000	23,436,000	15,081,000
KAS.....	30,124,000	25,669,000	10,782,000
KY.....	1,254,000	1,188,000	641,000
TEXAS.....	1,547,000	2,813,000	924,000
OKLA.....	4,793,000	5,052,000	1,775,000
MONT.....	3,488,000	10,545,000	4,871,000
COLO.....	2,036,000	3,167,000	2,020,000
IDAHO.....	2,442,000	3,933,000	2,110,000
WASH.....	5,021,000	7,713,000	4,516,000
OREGON.....	1,826,000	3,004,000	2,737,000
U. S.....	152,903,000	244,448,000	101,365,000
U. S., on Farms, March 1st, 1918..			111,272,000

FALL WHEAT PLANTING, 1917-1918.

A statement issued December, 1918, by the United States Department of Agriculture in December, 1918, shows extent of wheat planting in autumn of 1917 (as revised a year after planting) and the preliminary estimate for the autumn of 1918. The increase or decrease in planting in 1918 over 1917, by percentage, is also shown.

State.	1917, Acre- Cent.	1918, Acre- Cent.
ALA.....	144,000	120
ARIZ.....	44,000	95
ARK.....	260,000	137
CALIF.....	633,000	142
COLO.....	585,000	107
CONN.....	000	000
DEL.....	116,000	106
GA.....	400,000	102
IDAHO.....	315,000	105
ILL.....	2,602,000	125
IND.....	2,370,000	122
IOWA.....	375,000	200
KAS.....	9,897,000	113
KY.....	952,000	111
MD.....	770,000	106
MASS.....	000	000
MICH.....	941,000	106
MINN.....	85,000	87
MO.....	36,000	117
MONT.....	3,120,000	136
NEB.....	775,000	91
NEV.....	3,135,000	112
N. J.....	5,000	101
N. M.....	106,000	106
N. Y.....	140,000	130
N. C.....	450,000	106
N. D.....	1,035,000	99
OHIO.....	000	000
OKLA.....	2,350,000	111
OREGON.....	3,264,000	110
TENN.....	650,000	125
S. C.....	765,000	106
S. D.....	210,000	99
TENN.....	135,000	80
TEXAS.....	705,000	106
UTAH.....	1,622,000	130
VA.....	165,000	104
WASH.....	000	000
W. VA.....	1,313,000	101
WASH.....	422,000	235
W. VA.....	355,000	105
WIS.....	112,000	92
WYO.....	87,000	96
U. S.....	42,301,000	116
U. S.....		49,261,000

FARM TENURE—WHITE AND COLORED.

There were 6,361,502 farms in the United States in the last census year. Of the total 5,440,619 were conducted by white farmers and 920,993 were conducted by colored farmers. Of white farmers in ten years there was an increase of 9.5 per cent., or 471,011 farms, and there was an increase of 19.9 per cent. of colored farmers, or 153,119 farms:

	Year. 1900.	Year. 1910.	Decrease. Per Increase. Ct.
Tenure.....			
Owners.....	3,025,931	3,159,088	133,157 4.4
Part Owners.....	420,875	548,413	127,538 30.3
Managers.....	57,261	56,560	-701 -1.2
On Shares.....	988,539	1,140,215	151,676 15.3
Cash Rent....	477,002	536,343	59,341 12.4
Total U. S....	4,969,608	5,140,619	471,011 9.5
COLORED FARMERS.			
Owners.....	176,016	195,809	19,793 11.2
Part Owners...	30,501	45,412	14,911 48.9
Managers.....	1,824	1,544	-280 15.4
On Shares.....	284,700	388,174	103,414 36.3
Cash Rent....	274,603	289,944	15,218 5.6
Total U. S....	767,764	920,883	153,119 19.9
All Farms....	5,737,372	6,361,502	624,130 10.9

THE SAXON IMPORTATION.

The Daily Advertiser in September, 1825, said: "The Saxon sheep imported by G. & T. Searle were sold at Brighton, near Boston. The highest price given for a single one was \$450, and another was sold for \$325, and the average price, including lambs, was \$160 per head. The purchasers were nearly all gentlemen experienced in raising sheep.

In 1827 the first slaughter house in Chicago was built of logs by Archibald Clybourne.

Sweet Potatoes, 1915-1916.

The sweet potato crop of 1914 was 56,574,000 bushels; of 1915 it was 75,639,000 bushels; and in 1916 the crop was 70,955,00 bushels. The area in 1914 was 603,000 acres; in 1915 the area was 731,000 acres; and in 1916 the ground devoted to raising sweet potatoes was 774,000 acre.

State.	1915.		1916.	
	Yield Per Acre, Bushels.	Pro-duction, Bushels.	Yield Per Acre, Bushels.	Pro-duction, Bushels.
ALA.....	90	7,200,000	74	6,290,000
ARK.....	130	3,900,000	91	3,185,000
CALIF.....	135	810,000	160	960,000
DEL.....	135	675,000	125	625,000
GA.....	112	2,576,000	100	2,500,000
ILL.....	85	8,075,000	80	7,520,000
IND.....	110	880,000	90	720,000
IOWA.....	104	208,000	100	300,000
KAS.....	95	285,000	91	273,000
KY.....	110	440,000	92	368,000
LA.....	105	1,050,000	90	900,000
MD.....	92	5,980,000	90	5,760,000
MISS.....	130	1,040,000	126	1,134,000
MO.....	110	8,250,000	82	6,314,000
N. J.....	100	700,000	70	490,000
N. C.....	155	3,565,000	100	2,300,000
N. C.....	105	8,925,000	107	9,309,000
OHIO.....	95	95,000	99	99,000
OKLA.....	115	1,380,000	74	962,000
PENN.....	105	105,000	100	100,000
S. C.....	105	6,825,000	86	5,676,000
TENN.....	105	2,835,000	100	2,700,000
VA.....	110	3,740,000	130	5,070,000
W. VA.....	110	220,000	140	280,000
U. S. . .	103.5	75,639,000	91.7	70,955,000

SWEET POTATOES—1917.

The 1917 crop of sweet potatoes, as estimated by the United States Department of Agriculture, is a large crop. Georgia shows largely increased production, and the general average per acre is much the same as in 1916. The acreage increased from 774,000 in 1916 to 953,000 acres in 1917.

State.	1917.	
	Planted Acres.	Production, Per Acre, Bushels.
ALA.....	178,000	90.0 16,020,000
ARK.....	40,000	110.0 4,400,000
CALIF.....	6,000	167.0 1,002,000
DEL.....	5,000	112.0 560,000
FLA.....	35,000	100.0 3,500,000
GA.....	125,000	93.0 11,625,000
ILL.....	8,000	97.0 776,000
IND.....	3,000	106.0 318,000
IOWA.....	3,000	90.0 270,000
KAS.....	4,000	92.0 368,000
KY.....	12,000	95.0 1,140,000
LA.....	62,000	79.0 4,898,000
MD.....	10,000	118.0 1,180,000
MISS.....	85,000	65.0 5,525,000
MO.....	8,000	112.0 896,000
N. J.....	2,000	120.0 2,880,000
N. C.....	2,000	118.0 236,000
N. C.....	90,000	95.0 8,550,000
OHIO.....	1,000	95.0 95,000
OKLA.....	15,000	90.0 1,350,000
PENN.....	1,000	110.0 110,000
S. C.....	80,000	95.0 7,600,000
TENN.....	30,000	95.0 2,850,000
Texas.....	84,000	78.0 6,552,000
VA.....	40,000	104.0 4,160,000
W. VA.....	2,000	140.0 280,000
U. S.	953,000	91.4 87,141,000
Latest.....	919,000	91.2 83,822,000

THE ORANGE RESULTS—1917.

Here we have a table showing the results in orange growing in Florida and California. The relative importance of California and Florida as orange-growing states can be ascertained from this table:

State.	1915.		1916.		1917.	
	Boxes.	Boxes.	Boxes.	Boxes.	Boxes.	Boxes.
FLA.....	6,150,000	6,933,000	4,200,000			
CALIF.....	15,050,000	17,500,000	8,632,000			
Total.....	21,200,000	24,433,000	12,832,000			
Latest.....			10,593,000			

SWEET POTATOES—CROP OF 1918.

Sweet potatoes increased in acreage and production, 1917 and 1918 being the banner years. The largest production per acre was in 1915 and the largest acreage in 1918.

State.	Per Cent.		Pro-duction, Bushels.
	Planted, Acres.	1917.	
ALA.....	190,000	107	16,568,000
ARK.....	37,000	92	3,120,000
CALIF.....	6,000	104	949,000
DEL.....	5,000	97	599,000
FLA.....	38,000	110	4,156,000
GA.....	129,000	103	11,319,000
ILL.....	8,000	97	734,000
IND.....	3,000	100	307,000
IOWA.....	3,000	90	283,000
KAS.....	4,000	100	288,000
KY.....	11,000	94	1,041,000
LA.....	60,000	97	4,284,000
MD.....	10,000	100	1,250,000
MISS.....	89,000	105	8,117,000
MO.....	8,000	102	699,000
N. J.....	23,000	96	2,893,000
N. M.....	2,000	100	272,000
N. C.....	81,000	90	8,081,000
OHIO.....	1,000	100	103,100
OKLA.....	15,000	101	794,100
PENN.....	1,000	101	108,000
S. C.....	80,000	100	7,387,000
TENN.....	28,000	95	2,576,000
TEXAS.....	87,000	104	4,902,000
VA.....	38,000	96	4,085,000
W. VA.....	2,000	100	218,000
U. S.	959,000	101	85,473,000
Latest.....	922,000	100	83,822,000

FLAXSEED CROP OF 1918.

Flaxseed in a general way is a decreasing crop, and the crop of 1918 was not much over half the crop of 1912, when 2,851,600 acres were planted and 28,073,000 bushels were harvested.

State.	Per Cent.		Pro-duction, Bushels.
	Planted, Acres.	1917.	
COL.....	13,000	106	137,000
IOWA.....	32,000	95	157,000
KAS.....	233,000	106	2,447,000
MINN.....	6,000	102	42,000
MO.....	578,000	137	3,487,000
NEB.....	7,000	140	66,000
N. D.....	955,000	99	7,879,000
S. D.....	140,000	100	1,365,000
WYO.....	3,000	100	26,000
U. S.	1,967,000	109	15,606,000
Latest.....	1,938,000	...	14,657,000

CLOVER SEED—1918.

State.	Per Cent.		Pro-duction, Bushels.
	Planted, Acres.	1917.	
IDAHO.....	19,000	105	97,000
ILL.....	97,000	135	172,000
IND.....	155,000	115	231,000
IOWA.....	21,000	125	30,000
KAS.....	7,000	90	12,000
MICH.....	93,000	116	160,000
MINN.....	18,000	73	34,000
MO.....	42,000	85	60,000
NEB.....	4,000	120	7,000
N. Y.....	5,000	104	11,000
OHIO.....	231,000	105	310,000
OREGON.....	8,000	55	19,000
PENN.....	12,000	107	17,000
TENN.....	6,000	107	10,000
WIS.....	78,000	60	161,000
U. S.	819,000	100	1,383,000

SUGAR BEETS—1918.

State.	1918.		1917, Production, Tons.
	Acres Planted.	1918, Production, Tons.	
CALIF.....	120,900	1,102,000	1,331,000
COLO.....	142,000	1,441,000	1,858,000
IDAHO.....	37,000	347,000	312,000
MICH.....	134,500	1,011,000	524,000
OHIO.....	36,100	319,000	220,000
UTAH.....	90,100	1,094,000	762,000
OTHER.....	128,400	1,144,000	973,000
Total.....	689,700	6,458,000	5,980,000
Latest.....	592,100	5,822,000	5,980,377

Milo Maize and Kafir Corn.

These crops have seldom been enumerated. They are in one class. In 1899 the census reported 266,513 acres devoted to the production of these crops and resulting in a production of 5,169,113 bushels. In 1909 the acreage was increased to 1,635,153 and the production to 17,597,305 bushels.

State.	Acreage, 1899.	Acreage, 1909.	Bush-els, 1899.	Bush-els, 1909.
ALA....	4	140	90	1,710
ARIZ....	1	801	50	18,739
ARK....	109	1,294	1,722	15,284
CALIF..	20,218	44,308	420,452	938,049
COLO....	18	11,971	302	139,234
CONN....		4	105	25
DEL....	2	1	65	422
FLA....		16		237
GA....	26	15	369	140
IDAHO..		9		7,739
ILL....	34	415	808	3,228
IND....	3	179	37	3,081
IOWA....	66	142	1,408	5,115,415
KAS....	154,706	388,495	3,063,781	2,401
KY....		190		2,132
LA....		213		6
MAINE..	1	19		21
MD....		21		84
MASS....		81		75
MICH....		81		44
MINN....	43	75	1,096	13,543
MISS....	9	44	277	38,497
MO....	1,990	13,543	38,497	228,386
MONT....		53		1,253
NEB....	742	2,016	13,607	20,212
NEV....		15		385
N. H....		23		350
N. J....		76		1,436
N. M....	138	63,570	4,473	543,350
N. Y....		227		5,082
N. C....	2	65	8	699
N. D....	25	23	375	444
OHIO....	12	82	90	1,920
OKLA....	65,418	532,515	1,136,772	4,658,752
ORE....	4	24	134	617
PENN....	1	283	14	5,129
R. I....		8		135
S. C....		8		1,411
S. D....	21	139	280	1,530
TENN....	10	119	257	5,860,444
TEXAS..	22,813	573,384	482,096	1,438
UTAH....				47
VT....	9	80	170	467
VA....		4		8,106
WASH....		26		410
W. VA....		26		
WIS....	88	425	1,877	
WYO....		17		
Total.	266,513	1,635,750	5,169,113	17,597,305

Timothy, Clover and Millets.

This is a basic table from the last census, showing the amount of timothy hay, timothy and clover mixed, also straight clover and the millets (including Hungarian grass) grown in the United States in a normal year, as follows:

State.	Timothy, Tons.	Mixed, Tons.	Clover, Tons.	Millets, Tons.
ALA.	4,566	4,169	7,544	15,228
ARIZ.	182	289	119	791
ARK.	35,113	72,190	18,369	14,652
CAL.	20,001	73,183	20,836	2,688
COLO.	38,482	84,636	3,695	35,293
CONN.	82,083	147,896	2,562	4,510
DEL.	22,588	31,387	27,467	1,081
D. C.	287	328	15	4
FLA.	747	1,201	1,618	936
GA.	3,237	4,153	2,266	3,985
IDA.	140,134	99,864	20,944	1,071
ILL.	1,947,572	1,123,254	539,790	46,918
IND.	1,442,218	524,385	314,818	25,147
IA.	1,952,956	3,732,186	195,579	54,346
KAS.	144,536	357,159	79,144	290,661
KY.	353,239	204,865	80,688	35,951
LA.	1,331	4,597	15,287	858
ME.	143,855	559,293	5,753	16,793
MD.	159,690	215,032	32,942	2,819
MASS.	153,622	249,317	3,145	15,276
MICH.	929,165	1,991,618	216,862	16,349
MINN.	1,101,510	1,433,075	106,334	50,383
MISS.	1,620	2,604	12,000	2,390
MO.	1,334,556	1,630,211	309,209	141,626
MONT.	171,030	156,039	24,094	4,742
NEB.	128,729	470,764	46,468	160,684
NEV.	21,395	26,157	120	467
N. H.	83,412	203,106	3,292	9,251
N. J.	146,700	236,490	9,475	1,921
N. M.	3,233	2,650	410	10,637
N. Y.	1,159,083	3,215,021	114,864	31,147
N. C.	16,011	39,050	39,445	3,529
N. D.	197,947	39,721	1,386	149,429
OHIO.	2,348,660	1,346,347	239,492	12,104
OKLA.	9,817	6,355	2,214	75,591
ORE.	67,239	129,278	83,969	1,690
PENN.	1,200,073	1,830,352	74,096	10,675
R. I.	21,892	28,292	295	1,392
S. C.	1,654	237	536	1,579
S. D.	248,927	218,371	4,194	65,844
TENN.	130,834	236,656	201,926	76,311
TEX.	916	468	878	95,352
UTAH.	34,214	24,115	1,793	876
VT.	179,847	628,098	6,610	13,667
VA.	169,881	366,741	63,056	14,589
WASH.	143,461	253,194	21,923	421
W. VA.	278,074	249,986	6,514	8,906
WIS.	1,110,446	2,477,311	193,786	9,851
WYO.	44,655	16,323	808	6,252
Total	17,985,420	24,748,555	3,158,324	1,546,533

SUGAR CANE AREA, 1909-18.

The following acreage is for ribbon cane only—not for sorghum—and is by the United States Department of Agriculture:

State.	Area, 1900, Prelim- (Census).	Area, 1918, inary.
NORTH CAROLINA.....	294	730
SOUTH CAROLINA.....	7,053	6,900
GEORGIA.....	37,046	67,300
FLORIDA.....	12,928	16,300
ALABAMA.....	27,211	81,000
MISSISSIPPI.....	24,861	17,600
LOUISIANA.....	329,684	315,000
TEXAS.....	34,315	25,100
ARKANSAS.....	3,330	3,350
OTHER STATES.....	127	.....
Total United States.....	476,849	533,880

A GOOD SUBSCRIPTION PRICE.

In 1826 the Indiana Journal, published at Indianapolis, contained advertisement of John Francis Dufour, Postmaster at Vevey, Indiana. He proposed to publish a weekly agricultural journal under the title of the Western Farmer. The announced subscription price was \$3.00 a year.

In the year 1827, October 3d, "Rattles," (pedigree unknown), placed the trotting record for two miles at 5:24.

MONTHLY PRICES OF WOOL.

The following table gives the United States estimated average price per pound to producers of unwashed wool, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January.....	15.7	18.6	23.3	31.8	58.1
February.....	15.7	20.2	24.2	32.7	57.1
March.....	16.4	22.8	25.9	36.7	60.0
April.....	16.3	22.7	26.3	38.8	60.0
May.....	17.2	22.0	28.0	43.7	58.2
June.....	18.4	23.7	28.7	49.8	57.4
July.....	18.5	24.2	28.6	54.3	57.5
August.....	18.7	23.8	29.0	54.8	57.4
September.....	18.6	23.3	28.4	54.2	59.7
October.....	18.0	22.7	28.7	55.5	57.7
November.....	18.1	22.7	29.4	55.9	56.4
December.....	18.6	23.3	30.8	58.2	56.2
Average.....	17.6	22.5	27.6	47.2	58.0

A FAMOUS HORSE.

Abdallah, son of Mambrino, and sire of Hambletonian, a horse of very remarkable and positive character; was foaled in 1823 on Long Island, New York, and bred by John Treadwell. Abdallah lived until 1851.

In 1823 James McDowell, improver of Dickinson Merinos, commenced herding sheep in Stark county, Ohio, ending as breeder in 1887.

BEET SUGAR PRODUCTION.

This statement is dated April 1, 1919, and shows the production of sugar beets in the years 1917 and 1918, together with other information of value in the production of sugar beets.

Year.	Area Invested, Acres.	Beets Worked, Tons.	Average Per Acre, Tons.	Per Ton, \$.	Sugar Made, Tons.
CALIFORNIA.					
1917....	161,909	1,321,716	8.16	7.60	209,325
1918....	100,684	845,738	8.40	9.95	122,795
COLORADO.					
1917....	161,476	1,749,875	10.81	7.28	234,303
1918....	125,882	1,363,277	10.83	10.02	191,880
IDAHO.					
1917....	37,745	286,446	7.59	7.06	38,376
1918....	32,306	236,979	10.12	10.00	41,682
MICHIGAN.					
1917....	82,151	461,721	5.62	8.04	64,247
1918....	114,976	835,768	7.27	10.08	132,092
NEBRASKA.					
1917....	51,337	443,355	8.64	7.22	53,893
1918....	42,746	453,266	10.6	9.96	63,494
OHIO.					
1917....	24,234	202,624	8.36	7.18	24,467
1918....	32,547	291,064	8.94	10.03	35,476
UTAH.					
1917....	80,289	696,522	8.68	7.04	83,662
1918....	81,717	905,064	11.08	10.01	105,794
WISCONSIN.					
1917....	9,800	70,830	7.23	8.81	8,032
1918....	12,400	93,467	7.54	10.00	13,358
OTHER.					
1917....	55,586	392,456	7.03	7.28	48,002
1918....	50,752	408,423	8.05	9.86	55,492
UNITED STATES.					
1912....	555,300	5,224,377	9.41	5.82	692,556
1913....	580,006	5,659,462	9.76	5.69	733,401
1914....	483,400	5,288,500	10.9	5.45	722,054
1915....	613,301	6,150,233	10.1	5.67	874,220
1916....	665,308	5,919,673	8.90	6.12	820,657
1917....	664,297	5,625,545	8.46	7.59	765,207
1918....	594,010	5,523,036	9.30	10.00	765,063

ONE YEAR'S HEMP PRODUCTION.

Hemp growing is not prospering in this country. In 1879 the production was 10,870,720 pounds, and in 1889 it was increased to 25,636,880 pounds, and 24,178,560 pounds of that total were produced in Kentucky. In 1899 the total was reduced to 11,750,630 pounds, and of that amount 10,303,560 pounds were produced in Kentucky. The last census was taken in 1909; the hemp product was reduced to 7,483,295 pounds, and 6,420,232 pounds were produced in Kentucky. The table herewith represents the condition of the industry at the time of the last census.

State.	Farms Report- ing.	No. of Acres.	Produc- tion, Pounds.	Value, Dollars.
CALIF.....	2	300	600,000	39,000
COLO.....	3	77	16,300	700
ILL.....	1	.....	50	5
IND.....	5	535	395,467	21,755
KY.....	490	6,855	6,420,232	348,386
LA.....	1	.....	20	2
ME.....	1	15	25,000	1,250
MD.....	13	.....	726	118
MO.....	1	15	5,500	288
N. M.....	1	1	50	12
OKLA.....	2	40	3,530	201
PENN.....	7	.....	7,192	387
TENN.....	4	.....	121	18
VA.....	2	2	2,600	151
WIS.....	3	7	6,510	426
Total.....	536	7,647	7,483,295	412,699

THE SANTA FE TRAIL.

In the year 1825 a party started from Franklin, Mo., to New Mexico. They were eighty strong and had with them 200 horses and mules. They reached Santa Fe, 931 miles from the place of starting, in due time. In record of this expedition it is said that after reaching New Mexico the first civilized habitation met with was owned by Juan Feno, who, in addition to owning cattle and horses, had flocks amounting to 150,000 sheep.

CORN ON FARMS.

This is a statement by the United States Department of Agriculture, showing the quantity of corn remaining on farms, March 1, 1917, 1918 and 1919.

State.	1917. Bushels.	1918. Bushels.	1919. Bushels.
ALA....	17,690,000	41,688,000	34,520,000
ARIZ....	77,000	173,000	190,000
ARK....	13,992,000	27,596,000	8,775,900
CALIF..	161,000	360,000	506,000
COLO....	1,914,000	3,724,000	3,320,000
CONN....	813,000	840,000	980,000
DEL....	3,067,000	3,988,000	3,497,000
FLA....	4,305,000	4,800,000	5,632,000
GA....	30,380,000	39,600,000	37,179,000
IDAHO..	81,000	33,000	83,000
ILL....	87,261,000	192,280,000	126,522,000
IND....	54,144,000	82,646,000	57,048,000
IOWA...	110,048,000	151,959,000	131,468,000
KAS....	13,205,000	33,328,000	6,964,000
KY....	36,176,000	51,739,000	34,632,000
LA....	17,029,000	12,312,000	8,880,000
ME....	64,000	105,000	219,000
MD....	11,320,000	13,650,000	11,045,000
MASS...	388,000	576,000	686,000
MICH..	9,075,000	6,020,000	10,626,000
MINN...	19,162,000	20,196,000	34,100,000
MISS...	15,708,000	38,030,000	29,835,000
MO....	31,707,000	101,430,000	36,142,000
MONT...	222,000	101,000	357,000
NEB....	73,112,000	139,709,000	34,464,000
NEV....	3,000	6,000	3,000
N. H....	175,000	211,000	328,000
N. J....	4,104,000	5,613,000	4,804,000
N. M....	394,000	680,000	808,000
N. Y....	3,570,000	5,084,000	7,675,000
N. C....	19,721,000	29,784,000	32,182,000
N. D....	1,487,000	159,000	828,000
OHIO...	31,752,000	61,541,000	38,628,000
OKLA...	10,665,000	6,298,000	2,925,000
OREGON.	134,666	126,000	136,900
PENN...	16,965,000	22,727,000	19,344,000
R. I....	89,000	224,000	240,000
S. C....	12,123,000	22,059,000	19,890,000
S. D....	21,019,000	30,016,000	38,948,000
TENN...	29,640,000	49,068,000	35,280,000
TEXAS...	34,884,000	12,144,000	10,350,000
UTAH...	34,000	70,000	81,000
VT....	310,000	526,000	308,000
VA....	26,460,000	28,350,000	25,769,000
W. VA.	6,094,000	7,200,000	7,688,000
WASH...	183,000	182,000	229,000
WIS....	10,343,000	4,220,000	19,471,000
WYO....	50,000	119,000	300,000
U. S....	782,803,000	1,252,290,000	884,476,000

HAY CROP BALED.

About 23 per cent. of the entire hay crop is baled, according to estimates made by crop reporters of the Bureau of Crop Estimates. It is estimated that about 18,638,000 bales of tame or cultivated hay (24.4 per cent. of the tame-hay crop) and 2,751,000 bales of wild hay (18.1 per cent. of the wild-hay crop) will be baled from this year's crop.

Percentage of Hay Crop Usually Baled.

State.	Per Cent.	State.	Per Cent.
ALABAMA.....	48	NEBRASKA.....	18
ARIZONA.....	53	NEVADA.....	20
ARKANSAS.....	54	NEW HAMPSHIRE..	10
CALIFORNIA.....	39	NEW JERSEY.....	20
COLORADO.....	22	NEW MEXICO.....	50
CONNECTICUT...	5	NEW YORK.....	23
DELAWARE.....	14	NORTH CAROLINA..	20
FLORIDA.....	39	NORTH DAKOTA...	3
GEORGIA.....	47	OHIO.....	28
IDAHO.....	19	OKLAHOMA.....	62
ILLINOIS.....	31	OREGON.....	29
INDIANA.....	30	PENNSYLVANIA.....	19
IOWA.....	12	RHODE ISLAND...	3
KANSAS.....	29	SOUTH CAROLINA..	30
KENTUCKY.....	45	SOUTH DAKOTA...	30
LOUISIANA.....	50	TENNESSEE.....	8
MAINE.....	20	TEXAS.....	63
MARYLAND.....	28	UTAH.....	17
MASSACHUSETTS.	7	VERMONT.....	12
MICHIGAN.....	24	VIRGINIA.....	25
MINNESOTA.....	11	WASHINGTON.....	29
MISSISSIPPI...	41	WEST VIRGINIA...	20
MISSOURI.....	34	WISCONSIN.....	15
MONTANA.....	78	WYOMING.....	20
Total United States.....	23		

Ayrshire cattle were mentioned by the agricultural writer Alton in 1825.

GRAIN STATEMENT.

This is a summary showing the statement of leading grains on farms, shipped out and the price to producers, the basis being March 1, 1917, 1918 and 1919.

1917.	1918.	1919.
Wheat on Farms, March 1—Bushels.		
100,650,000	107,745,000	129,258,000
15.8	16.9	14.1
Wheat Shipped Out—Bushels.		
361,083,000	325,500,000	538,333,000
56.7	51.1	58.7
Wheat in Country Mills and Elevators—Bu.		
89,173,000	67,461,000	106,856,000
14.0	10.7	11.8
Price to Producers Per Bushel.		
164.4	202.7	208.0

CORN.

Corn on Farms, March 1—Bushels.		
782,303,000	1,253,290,000	884,476,000
30.5	40.9	34.2
Corn Shipped Out—Bushels.		
450,589,000	678,027,000	374,604,000
17.6	22.1	14.5
Amount of Merchantable Corn—Bushels.		
2,154,487,000	1,837,728,000	2,129,764,000
83.9	60.0	82.5
Price to Producers Per Bushel.		
100.9	154.3	137.2

OATS.

Oats on Farms March 1—Bushels.		
394,211,000	599,208,000	588,421,000
31.5	37.6	38.2
Corn Shipped Out March 1—Bushels.		
355,092,000	514,117,000	418,480,000
28.4	32.3	27.2
Price to Producers Per Bushel.		
56.9	86.2	62.6

BARLEY.

Barley on Farms March 1—Bushels.		
33,244,000	44,419,000	81,899,000
18.2	21.0	31.9
Barley Shipped Out March 1—Bushels.		
79,257,000	84,056,000	100,151,000
43.5	39.7	39.1
Price to Producers Per Bushel.		
96.9	161.1	85.1

WHEAT IN COUNTRY MILLS.

This table is of wheat held in country mills on March 1st of 1916, 1917 and 1919.

State.	Bushels. 1916.	Bushels. 1917.	Bushels. 1919.
ILL.....	4,788,000	1,510,000	4,269,000
IND.....	5,925,000	1,944,000	4,448,000
IOWA.....	2,278,000	1,006,000	1,965,000
KAS.....	9,588,000	6,859,000	5,100,000
KY.....	2,277,000	1,202,000	2,426,000
MD.....	2,568,000	1,040,000	454,000
MICH.....	3,067,000	1,594,000	857,000
MINN.....	9,922,000	4,226,000	15,942,000
MO.....	5,457,000	1,989,000	3,721,000
MONT.....	8,014,000	8,018,000	5,595,000
NEB.....	9,232,000	8,912,000	3,451,000
N. Y.....	1,306,000	672,000	706,000
N. D.....	22,796,000	5,112,000	12,121,000
OHIO.....	4,421,000	2,592,000	4,790,000
OKLA.....	4,663,000	2,663,000	1,645,000
PENN.....	3,937,000	4,180,000	3,461,000
S. D.....	8,927,000	2,482,000	12,122,000
TENN.....	1,354,000	631,000	900,000
TEXAS.....	2,813,000	1,452,000	624,000
VA.....	2,546,000	2,438,000	3,120,000
WASH.....	15,940,000	10,161,000	4,229,000
WIS.....	839,000	365,000	1,771,000
All Other.	22,369,000	20,125,000	13,139,000
U. S.....	155,027,000	89,173,000	106,856,000

A FAMOUS CORN.

In 1826 "Leaming," a deep yellow corn, was originated with Mr. J. S. Leaming, of Wilmington, Ohio. This is the earliest of eight varieties of corn recognized by the Illinois Seed Corn Breeders' Association.

DIFFERENT COLORED CORN, 1918.

The statement herewith is a useful estimate of the quantity of white, colored and mixed corn grown in each state. The year of the crop is 1918, and the figures are issued by the Bureau of Crop Estimates of the United States Department of Agriculture.

State.	White.	Yellow.	Mixed.
ME.....	304,000	911,000	000
N. H.....	090	1,260,000	000
VT.....	102,000	1,488,000	120,000
MASS.....	276,000	1,248,000	562,000
R. I.....	492,000	57,000	23,000
CONN.....	476,000	1,768,000	560,000
N. Y.....	6,790,000	19,138,000	3,542,000
N. J.....	1,487,000	6,406,000	3,546,000
PENN.....	12,480,000	37,440,000	12,480,000
DEL.....	2,550,000	4,007,000	728,000
MD.....	12,005,000	10,564,000	1,441,090
VA.....	40,320,000	10,080,000	5,600,000
W. VA.....	9,672,000	10,912,000	4,216,000
N. C.....	46,343,000	7,080,000	10,942,000
S. C.....	26,775,000	6,885,000	4,590,000
GA.....	55,769,000	6,885,000	6,196,000
FLA.....	11,264,000	1,126,000	1,690,000
OHIO.....	31,968,000	82,584,000	18,648,000
IND.....	52,562,000	89,863,000	27,129,000
ILL.....	133,551,000	175,725,000	42,174,000
MICH.....	11,592,000	27,531,000	9,177,090
WIS.....	17,384,000	34,770,000	17,384,000
MINN.....	31,900,000	53,900,000	24,200,000
IOWA.....	101,449,000	221,618,000	52,587,000
MO.....	50,867,000	64,253,000	18,740,000
N. D.....	3,586,000	2,943,000	2,667,000
S. D.....	30,235,000	58,427,000	15,424,000
NEB.....	48,004,000	49,234,000	25,848,000
KAS.....	19,585,000	14,798,000	9,140,000
KY.....	59,904,000	20,592,000	13,104,000
TENN.....	60,480,000	10,920,000	12,600,000
ALA.....	48,734,000	7,445,000	11,507,000
MISS.....	48,399,000	8,619,000	9,282,000
LA.....	14,504,000	8,880,000	6,216,000
TEX.....	31,050,000	19,320,000	18,630,000
OKLA.....	10,725,000	5,850,000	7,800,000
ARK.....	22,113,000	7,020,000	5,967,000
MONT.....	462,000	630,000	1,008,000
WYO.....	160,000	300,000	450,000
COLO.....	3,431,000	4,205,000	3,431,000
N. M.....	1,615,000	1,530,000	1,105,000
ARIZ.....	266,000	638,000	48,000
UTAH.....	365,000	328,000	81,000
NEV.....	39,000	49,000	6,000
IDAHO.....	339,000	460,000	101,000
WASH.....	705,000	686,000	245,000
ORE.....	327,000	928,000	109,000
CALIF.....	1,815,000	892,000	268,000
U. S.....	1,065,259,000	1,102,193,000	415,362,000

WHEAT HELD BY COUNTRY MILLS AND ELEVATORS.

Estimates of Wheat Held by Interior Mills and Elevators (as Distinguished From Primary Markets of Large Accumulation) on March 1 of the Past Three Years.

State.	1917. Bushels.	1918. Bushels.	1919. Bushels.
N. Y.....	672,000	617,000	706,000
PENN.....	4,180,000	3,183,000	3,461,000
MD.....	1,040,000	803,000	454,000
VA.....	2,438,000	2,184,000	3,120,000
OHIO.....	2,592,000	3,703,000	4,790,000
IND.....	1,944,000	2,340,000	4,448,000
ILL.....	1,510,000	2,160,000	4,269,000
MICH.....	1,594,000	1,234,000	857,000
WIS.....	365,000	852,000	1,771,000
MINN.....	4,226,000	6,193,000	15,942,000
IOWA.....	1,006,000	668,000	1,965,000
MO.....	1,989,000	2,607,000	3,721,000
N. D.....	5,112,000	6,160,000	12,121,000
S. D.....	2,482,000	4,180,000	12,122,000
NEB.....	8,912,000	826,000	3,451,000
KAS.....	6,859,000	1,181,000	5,100,000
KY.....	1,202,000	720,000	2,426,000
OKLA.....	2,663,000	1,070,000	1,645,000
TENN.....	631,000	368,000	900,000
TEXAS.....	1,452,000	486,000	624,000
MONT.....	6,018,000	2,874,000	5,595,000
WASH.....	10,161,000	5,844,000	4,299,000
All Other.....	20,125,000	14,948,000	13,139,000
U. S.....	89,173,000	66,138,000	106,856,000

In the year 1797, from the flock of Colonel Gordon, twenty-nine Spanish Merino sheep were taken from Cape Colony, South Africa, to establish the fine wool flocks of New South Wales, Australia.

Production of Dry Peas.

In the year 1899 there were 417,864 farms producing dry peas (very largely known as cowpeas, black-eyed peas, etc.), and ten years later the farms producing was reduced to 261,231. The crop also was reduced from 9,440,210 bushels in 1899 to 7,129,294 bushels in 1909. Cowpeas are often grown on the same land as other crops, therefore the acreage figures are only estimates. As between these two census years there appears to be a great falling off in number of Southern farms growing cowpeas. The inference is that these legume crops are largely turned under as green manure.

State.	1899. Acre-	1899. Bushels.	1909. Farms.	1909. Acre-	1909. Bushels.
ALA.	91,126	665,388	26,905	85,034	418,007
ARIZ.	50	866	15	13	93
ARK.	31,414	245,894	13,821	52,730	229,444
CAL.	2,014	57,299	262	2,959	57,468
COLO.	3,621	47,461	832	24,230	258,281
CONN.	29	462	18	4	72
DEL.	518	4,650	523	1,615	12,521
D. C.					
FLA.	17,875	159,814	2,642	7,144	56,713
GA.	167,032	1,130,441	34,716	210,315	736,009
IDA.	170	2,506	59	234	4,875
ILL.	12,982	103,380	4,534	14,076	185,020
IND.	533	7,757	1,652	13,082	88,254
IA.	1,566	27,606	183	731	9,007
KAS.	151	2,006	114	825	5,235
KY.	8,394	83,089	1,732	8,465	44,772
LA.	15,190	146,298	6,330	33,150	161,659
ME.	2,300	35,991	1,039	537	4,963
MD.	947	12,459	350	742	5,603
MASS.	122	2,259	58	30	480
MIC.	71,376	1,134,431	18,128	94,932	1,162,403
MINN.	670	9,021	530	835	14,964
MISS.	39,490	590,037	20,021	73,090	285,768
MO.	5,319	54,763	3,462	23,036	109,357
MONT.	1,512	32,265	180	1,184	21,670
NEB.	126	1,586	26	26	169
NEV.	4	85			
N. H.	146	1,533	234	122	934
N. J.	45	806	43	91	883
N. M.	2,220	28,071	1,453	2,485	30,829
N. Y.	14,748	251,889	1,661	4,007	71,486
N. C.	88,107	876,167	39,726	169,934	651,567
N. D.	84	710	103	399	5,543
OHIO	506	7,521	132	323	3,041
OKLA.	45	5,049	1,612	6,245	33,282
PENN.	482	6,363	128	87	989
ORE.	1,304	22,615	155	436	9,344
R. I.	45	940	18	4	73
S. C.	143,070	1,162,705	35,660	265,632	711,853
S. D.	37	452	89	1,783	10,598
TEN.	82,841	760,663	10,175	36,640	133,924
TEX.	33,974	333,462	10,296	46,777	254,361
UTAH.	143	2,694	55	126	3,222
VT.	408	6,945	121	127	1,262
VA.	22,206	219,142	4,462	12,091	66,488
WASH.	357	91,899	915	3,196	91,032
W. VA.	323	3,613	93	232	1,490
WIS.	68,817	1,098,819	15,950	78,017	1,165,055
WYO.	13	232	18	326	9,231
Total	968,370		261,231		7,129,294
Total.		9,440,210		1,305,099	

The Yield of Flaxseed, 1916.

State.	Yield, Acre.	Pro- duction, Bushels.	Pro- duction, Bushels.
COLO.	9.6	6,000	3,000
IOWA.	10.0	180,000	19,000
KAS.	5.8	174,000	34,000
MINN.	8.5	2,338,000	289,000
MO.	7.0	35,000	6,000
MONT.	9.5	3,088,000	422,000
NEB.	8.0	32,000	5,000
N. D.	10.3	8,137,000	964,000
S. D.	9.3	1,395,000	195,000
WIS.	12.0	60,000	
WYO.	7.0	14,000	2,000

U. S. 9.6 15,459,000 1,939,000 11,335,000

Production of Edible Beans.

Growing edible beans, such as navy beans, is largely confined to three states, but all states grow some. In 1899 Florida produced 176,304 bushels, but ten years later the production was only 31,835 bushels. The state of Maine also decreased from 137,290 bushels to 87,565 bushels. On the other hand, New Mexico, Colorado, Idaho, Minnesota and Wisconsin made good gains.

State.	1899. Acre-	1899. Bushels.	1909. Farms.	1909. Acre-	1909. Bushels.
ALA.	1,765	17,865	647	1,557	15,212
ARIZ.	805	6,673	776	2,301	18,457
ARK.	1,490	15,582	538	819	4,080
CAL.	45,861	658,515	3,054	157,987	3,328,218
COLO.	2,634	28,570	1,387	5,040	53,926
CONN.	341	6,428	717	208	2,845
DEL.	100	1,333	102	55	648
D. C.					
FLA.	9,189	176,304	424	2,647	31,835
GA.	1,927	17,489	1,329	2,947	16,546
IDA.	457	5,886	293	1,915	33,816
ILL.	3,451	30,122	627	1,153	6,866
IND.	2,999	30,171	1,982	1,721	15,238
IA.	2,427	24,903	973	615	5,699
KAS.	848	7,284	58	70	636
KY.	5,623	49,106	14,248	12,434	70,557
LA.	335	3,371	78	311	5,557
ME.	10,252	137,290	15,788	10,341	87,565
MD.	605	4,754	312	196	1,833
MASS.	629	7,939	1,252	446	4,979
MIC.	167,025	1,806,413	55,466	403,669	5,282,511
MINN.	3,290	30,317	4,587	4,697	62,822
MISS.	1,149	11,162	351	1,092	8,727
MO.	4,376	45,467	2,391	1,281	9,385
MONT.	101	1,110	140	342	2,958
NEB.	387	7,669	784	1,173	5,941
NEV.	33	536	15	14	222
N. H.	2,892	29,990	5,523	3,180	22,546
N. J.	201	2,888	291	403	2,947
N. M.	3,349	36,022	4,593	20,766	85,795
N. Y.	129,298	1,360,415	29,181	115,698	1,681,506
N. C.	5,381	49,518	6,574	5,521	35,937
N. D.	270	2,389	394	544	5,073
OHIO	1,828	19,042	2,108	1,139	13,665
OKLA.	755	6,130	224	575	2,520
ORE.	841	11,077	675	562	8,032
PENN.	2,182	23,957	3,326	1,269	12,021
R. I.	216	3,330	252	54	817
S. C.	1,657	14,925	517	1,528	6,825
S. D.	397	4,218	659	809	5,285
TENN.	5,563	48,736	5,812	3,398	19,526
TEX.	2,878	28,129	607	1,846	12,895
UTAH.	176	1,806	208	196	3,352
VT.	2,404	27,172	2,752	2,960	26,359
VA.	6,411	50,189	7,660	4,777	29,435
WASH.	296	3,830	266	353	3,311
W. VA.	5,231	52,815	8,626	8,111	39,794
WIS.	12,989	143,182	5,656	14,574	154,570
WYO.	26	285	211	273	1,876
Total	453,841		185,934		11,251,160
Total		5,064,490		802,991	

FLAX SEED CROP—1917.

In 1917 the acreage was large, compared with former years, but the crop was small. It was practically a third of a crop, and entirely due to adverse conditions, which farmers could not overcome.

Flax Seed State.	Planted Acres.	Per Acre.	Produc- tion, Bushels.
COLO.	2,000	7.0	14,000
IOWA.	12,000	11.0	132,000
KAS.	34,000	7.0	238,000
MINN.	220,000	9.0	1,980,000
MO.	6,000	8.5	51,000
MONT.	422,000	3.0	1,266,000
NEB.	5,000	5.5	27,500
N. D.	965,000	3.9	3,764,000
S. D.	140,000	7.0	980,000
WYO.	3,000	6.5	20,000

U. S. 1,809,000 4.7 8,473,000

In 1826 the first mill was established for the extraction of oil from cotton seed at Columbus, S. C.

The first Shorthorn Herd Book was published in England in 1822.

WHEAT ON FARMS.

This is a statement by the United States Department of Agriculture, showing the quantity of wheat remaining on farms, March 1, 1917, 1918 and 1919.

State.	1917. Bushels.	1918. Bushels.	1919. Bushels.
ALA....	31,000	56,000	133,000
ARIZ....	93,000	33,000	99,000
ARK....	150,000	499,000	396,000
CALIF..	336,000	520,000	531,000
COLO..	2,020,000	2,843,000	2,134,000
CONN..	372,000	519,000	277,000
DEL....	609,000	187,000	436,000
FLA....	2,110,000	1,993,000	2,526,000
GA....	1,510,000	4,319,000	4,879,000
IDAHO..	2,527,000	4,680,000	4,943,000
ILL....	1,464,000	1,336,000	3,537,000
IND....	10,778,000	3,635,000	4,080,000
IOWA...	641,000	1,080,000	1,213,000
KAS....	40,000	62,000	218,000
KY....	2,080,000	2,869,000	1,475,000
LA....	2,390,000	2,622,000	1,393,000
ME....	5,546,000	12,387,000	17,536,000
MD....	2,000	8,000	59,000
MASS..	1,492,000	4,056,000	5,847,000
MICH...	4,871,000	2,515,000	3,815,000
MINN...	15,081,000	2,753,000	5,608,000
MO....	159,000	182,000	128,000
MONT...	342,000	423,000	340,000
NEB....	274,000	413,000	567,000
NEV....	1,596,000	1,764,000	1,490,000
N. H....	1,644,000	1,978,000	1,634,000
N. J....	11,011,000	11,760,000	19,192,000
N. M....	3,456,000	9,051,000	6,532,000
N. Y....	1,775,000	1,782,000	1,645,900
OHIO...	2,737,000	1,255,000	1,523,000
OKLA...	4,702,000	6,365,000	5,191,000
OREGON.			
PENN...			
R. I....			
S. C....			
S. D....			
TENN...			
TEXAS..			
UTAH...			
VT....			
VA....			
W. VA...			
WIS....			
WASH...			
WY....			
U. S....	100,650,000	107,745,000	129,258,000

CRANBERRY PRODUCTION.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA....				96
ARK....				288
CALIF..				53
CONN..	275	221,472	123	145,403
ILL....	1	1,696	10	13,418
IND....	70	139,520	4	7,552
IA....	1	1,952		
KAS....	90	49,728	151	100,192
MASS..	5,128	19,161,992	6,577	22,714,496
MICH...	150	124,288	202	125,536
MINN...	22	35,840	8	22,112
MO....				6,944
MONT...				32
NEB....	1	640		
N. H....	23	31,136	109	30,304
N. J....	8,356	7,687,072	9,030	12,072,288
N. M....				96
N. Y....	113	348,064	277	327,370
N. C....				1,024
N. D....				1,120
OHIO...				4,256
ORE...	6	23,784	14	40,864
PENN...				5,728
R. I....	300	209,838	70	34,288
S. D....	1	704		1,120
VT....				18,112
VA....				5
WASH...	5	4,416		9,728
WIS....	5,821	3,555,136	1,689	2,549,344
Total	20,364	31,600,512	18,431	38,243,060

HE BROUGHT A BLESSING.

In the year 1823 Henry Eckford, famous as improver of plants, was born in Scotland. "Our gardens owe much of their sweetness and beauty to him, and his work has brought a blessing to many an humble flower lover who never heard his name."

OATS ON FARMS.

This is a statement by the United States Department of Agriculture, showing the quantity of oats remaining on farms, March 1, 1917, 1918 and 1919.

State.	1917. Bushels.	1918. Bushels.	1919. Bushels.
ME....	1,613,000	1,044,000	2,366,000
N. H....	89,000	194,000	274,000
VT....	742,000	1,033,000	1,520,000
MASS..	70,000	65,000	125,000
R. I....	10,000	25,000	24,000
CONN..	97,000	261,000	274,000
N. Y....	10,034,000	16,800,000	23,247,000
N. J....	745,000	1,020,000	1,360,000
PENN...	12,260,000	16,905,000	19,348,000
DEL....	22,000	32,000	49,000
MD....	339,000	437,000	594,000
VA....	1,292,000	1,378,000	1,346,000
W. VA...	805,000	878,000	1,296,000
N. C....	887,000	484,000	910,000
S. C....	900,000	360,000	990,000
GA....	2,012,000	616,000	1,560,000
FLA....	135,000	92,000	140,000
OHIO...	14,423,000	28,897,000	28,512,000
IND....	14,700,000	29,723,000	29,768,000
ILL....	56,791,000	100,464,000	77,357,000
MICH...	14,515,000	20,646,000	26,528,000
WIS....	28,490,000	37,620,000	51,776,000
MINN...	28,196,000	44,492,000	56,516,000
IOWA...	67,932,000	109,377,000	103,307,000
MO....	10,320,000	23,088,000	15,911,000
N. D....	21,500,000	12,746,000	26,020,000
S. D....	19,184,000	29,804,000	39,593,000
NEB....	35,145,000	63,494,000	19,666,000
KAS....	10,199,000	21,241,000	14,347,000
KY....	1,134,000	2,337,000	2,591,000
TENN...	933,000	1,812,000	1,950,000
ALA....	1,050,000	605,000	976,000
MISS...	378,000	456,000	560,000
LA....	188,000	169,000	140,000
TEXAS..	6,412,000	3,705,000	2,220,000
OKLA...	2,030,000	3,968,000	5,962,000
ARK....	1,102,000	2,666,000	1,916,000
MONT...	10,032,000	3,400,000	9,180,000
WYO...	2,100,000	3,598,000	5,492,000
COLO...	2,297,000	3,563,000	3,287,000
N. M....	278,000	297,000	227,000
ARIZ...	51,000	80,000	101,000
UTAH...	1,120,000	1,435,000	1,323,000
NEV....	120,000	12,000	85,000
IDAHO..	3,066,000	1,995,000	2,275,000
WASH...	3,432,000	2,810,000	2,427,000
OREGON.	4,666,000	2,281,000	2,256,000
CALIF..	325,000	686,000	728,000
U. S....	394,211,000	599,208,000	588,421,000

CANADIAN CROPS—THREE YEARS.

Herewith we present the acreage and principal farm productions in Canada during three years, 1915, 1916 and 1917. These figures will be specially interesting when the 1918 estimates are available.

	AREA.		
	1915. Acres.	1916. Acres.	1917. Acres.
Crop.			
Corn....	253,000	173,000	234,000
Wheat...	15,109,000	15,370,000	14,756,000
Oats....	11,556,000	10,996,000	13,313,000
Barley...	1,718,000	1,803,000	2,392,000
Rye....	122,000	148,000	212,000
Flax....	463,000	658,000	920,000
Potatoes.	486,000	473,000	657,000
Beans...	43,000	32,000	92,000
Peas....	196,000	152,000	199,000
	PRODUCTION.		
	1915. Bushels.	1916. Bushels.	1917. Bushels.
Crop.			
Corn....	14,368,000	6,282,000	7,703,000
Wheat...	393,543,000	262,781,000	233,743,000
Oats....	464,954,000	410,211,000	403,010,000
Barley...	54,017,000	42,770,000	55,058,000
Rye....	2,486,000	2,876,000	3,857,000
Flax....	6,114,000	8,260,000	5,935,000
Potatoes.	60,353,000	63,297,000	79,892,000
Beans...	723,000	413,000	1,274,000
Peas....	3,464,000	2,218,000	3,026,000

EARLY LINCOLN SHEEP.

In 1827, in England, a Mr. Clark, of Canwick, exhibited two wether Lincoln sheep in the Lincoln market. The fleeces had yielded twelve pounds each. When slaughtered, the carcass of the larger one weighed 261 pounds; each of the fore quarters 33 pounds, and the hind quarters 57½ pounds. On the top of the rib the solid fat measured nine inches in thickness.

LIVE STOCK ON FARMS.**Totals For Census Years and Showing Comparisons From Year to Year.**

These figures represent the number of horses, mules, dairy cows, stockers and beef cattle, sheep and swine on farms, as shown by the Census and estimated by the United States Department of Agriculture:

Date.	Number.
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DAIRY COWS IN THE U. S.

Census, 1850...	6,385,094
Census, 1860...	8,585,735
Census, 1870...	8,935,332
Census, 1880...	12,443,120
Census, 1890...	16,511,950
Census, 1900...	17,139,674
Census, 1910...	20,625,000
Jan. 1, 1911...	20,823,000
Jan. 1, 1912...	20,699,000
Jan. 1, 1913...	20,497,000
Jan. 1, 1914...	20,737,000
Jan. 1, 1915...	21,262,000
Jan. 1, 1916...	22,108,000
Jan. 1, 1917...	22,894,000
Jan. 1, 1918...	23,284,000
Jan. 1, 1919...	23,467,000

STOCKERS AND BEEF CATTLE.

Census, 1850...	4,393,813
Census, 1860...	17,034,284
Census, 1870...	14,885,276
Census, 1880...	23,382,391
Census, 1890...	34,851,622
Census, 1900...	50,682,662
Census, 1910...	41,178,000
Jan. 1, 1911...	39,679,000
Jan. 1, 1912...	37,260,000
Jan. 1, 1913...	36,030,000
Jan. 1, 1914...	35,855,000
Jan. 1, 1915...	37,067,000
Jan. 1, 1916...	39,812,000
Jan. 1, 1916...	41,689,000
Jan. 1, 1918...	43,546,000
Jan. 1, 1919...	44,399,000

TOTAL CATTLE IN THE U. S.

Census, 1850...	10,778,907
Census, 1860...	25,620,019
Census, 1870...	23,820,608
Census, 1880...	35,825,511
Census, 1890...	51,363,572
Census, 1900...	67,822,336
Census, 1910...	61,803,000
Jan. 1, 1911...	60,502,000
Jan. 1, 1912...	57,959,000
Jan. 1, 1913...	56,527,000
Jan. 1, 1914...	56,592,000
Jan. 1, 1915...	58,329,000
Jan. 1, 1916...	61,920,000
Jan. 1, 1917...	64,583,000
Jan. 1, 1918...	66,830,000
Jan. 1, 1919...	68,866,000

SWINE IN THE U. S.

Census, 1850...	30,354,213
Census, 1860...	33,512,867

SWINE—Continued.

Census, 1870...	25,134,569
Census, 1880...	47,681,700
Census, 1890...	57,425,287
Census, 1900...	62,876,108
Census, 1910...	58,186,000
Jan. 1, 1911...	65,260,000
Jan. 1, 1912...	65,410,000
Jan. 1, 1913...	61,178,000
Jan. 1, 1914...	58,933,000
Jan. 1, 1915...	64,618,000
Jan. 1, 1916...	67,766,000
Jan. 1, 1917...	67,503,000
Jan. 1, 1918...	71,374,000
Jan. 1, 1919...	75,587,000

SHEEP IN THE U. S.

Census, 1850...	21,723,220
Census, 1860...	22,471,275
Census, 1870...	28,477,957
Census, 1880...	35,192,074
Census, 1890...	40,876,312
Census, 1890...	60,503,713
Census, 1910...	52,448,000
Jan. 1, 1911...	53,633,000
Jan. 1, 1912...	52,362,000
Jan. 1, 1913...	51,482,000
Jan. 1, 1914...	49,719,000
Jan. 1, 1915...	49,956,000
Jan. 1, 1916...	48,625,000
Jan. 1, 1917...	47,616,000
Jan. 1, 1918...	48,900,000
Jan. 1, 1919...	49,863,000

HORSES IN THE U. S.

Census, 1850...	4,336,719
Census, 1860...	6,249,174
Census, 1870...	7,145,370
Census, 1880...	10,357,488
Census, 1890...	15,258,783
Census, 1900...	18,250,000
Census, 1910...	19,833,000
Jan. 1, 1911...	20,277,000
Jan. 1, 1912...	20,509,000
Jan. 1, 1913...	20,567,000
Jan. 1, 1914...	20,962,000
Jan. 1, 1915...	21,195,000
Jan. 1, 1916...	21,159,000
Jan. 1, 1917...	21,210,000
Jan. 1, 1918...	21,563,000
Jan. 1, 1919...	21,534,000

MULES IN THE U. S.

Census, 1850...	559,331
Census, 1860...	1,151,148
Census, 1870...	1,215,415
Census, 1880...	1,812,808
Census, 1890...	2,314,785
Census, 1900...	3,271,121
Census, 1910...	4,210,000
Jan. 1, 1911...	4,323,000
Jan. 1, 1912...	4,362,000
Jan. 1, 1913...	4,386,000
Jan. 1, 1914...	4,419,000
Jan. 1, 1915...	4,479,000
Jan. 1, 1916...	4,593,000
Jan. 1, 1917...	4,723,000
Jan. 1, 1918...	4,824,000
Jan. 1, 1919...	4,925,000

DAIRY COWS ON FARMS.

The statement of the number of dairy cows on farms in the United States was furnished by the United States Department of Agriculture in the month of February, 1919. It estimates the number in each state for four years and including 1919. It is gratifying that it shows progress from 20,625,000 in the year 1910 to 23,467,000 in the year 1919.

State.	1916.	1917.	1918.	1919.
ALA.	405,000	405,000	454,000	494,000
ARIZ.	58,000	81,000	85,000	72,000
ARK.	402,000	405,000	430,000	443,000
CALIF.	568,000	591,000	597,000	561,000
COLO.	219,000	237,000	254,000	261,000
CONN.	119,000	121,000	116,000	114,000
DEL.	42,000	43,000	43,000	46,000
GA.	414,000	418,000	435,000	452,000
FLA.	136,000	141,000	145,000	149,000
IDAHO.	126,000	135,000	139,000	139,000
ILL.	1,047,000	1,057,000	1,050,000	1,060,000
IND.	672,000	706,000	713,000	713,000
IOWA.	1,391,000	1,405,000	1,405,000	1,381,000
KAN.	835,000	900,000	945,000	964,000
KY.	406,000	418,000	435,000	444,000
LA.	271,000	309,000	330,000	363,000
MD.	181,000	183,000	181,000	177,000
MASS.	158,000	160,000	162,000	165,000
ME.	139,000	163,000	170,000	175,000
MICH.	847,000	865,000	865,000	848,000
MINN.	1,210,000	1,302,000	1,328,000	1,368,000
MISS.	447,000	475,000	508,000	549,000
MO.	837,000	875,000	910,000	919,000
MONT.	129,000	160,000	179,000	197,000
NEB.	650,000	676,000	676,000	662,000
NEV.	25,000	26,000	28,000	29,000
N. H.	97,000	98,000	102,000	107,000
N. J.	152,000	155,000	150,000	150,000
N. M.	76,000	85,000	88,000	84,000
N. Y.	1,539,000	1,539,000	1,508,000	1,478,000
N. C.	321,000	315,000	309,000	315,000
N. D.	373,000	425,000	425,000	429,000
OHIO.	922,000	950,000	1,000,000	1,030,000
OKLA.	519,000	535,000	567,000	561,000
ORE.	216,000	225,000	227,000	223,000
PENN.	971,000	920,000	960,000	970,000
R. I.	22,000	22,000	21,000	20,000
S. D.	435,000	524,000	555,000	561,000
S. C.	189,000	189,000	193,000	203,000
TENN.	366,000	366,000	373,000	380,000
TEX.	1,119,000	1,175,000	1,128,000	1,060,000
UTAH.	96,000	91,000	96,000	101,000
VT.	273,000	281,000	290,000	281,000
VA.	359,000	373,000	400,000	424,000
WASH.	263,000	263,000	240,000	216,000
W. VA.	241,000	245,000	245,000	243,000
WIS.	1,675,000	1,750,000	1,785,000	1,803,000
WYO.	50,000	60,000	65,000	72,000

U. S. 22,103,000 22,894,000 23,310,000 23,467,000

BEEF CATTLE ON FARMS.

The statement of the number of "other" cattle on farms is a statement of beef cattle, cows, calves and yearlings outside of dairy cows, which are enumerated separately. The enumeration was published by the United States Department of Agriculture in February, 1919, and estimates are for the four years, thus showing changes from year to year. We are six millions short of the previous high total in 1900.

State.	1916.	1917.	1918.	1919.
ALA.	534,000	534,000	760,000	851,000
ARIZ.	838,000	864,000	1,100,000	1,100,000
ARK.	523,000	560,000	640,000	678,000
CALIF.	1,558,000	1,636,000	1,701,000	1,650,000
COLO.	1,096,000	1,200,000	1,272,000	1,361,000
CONN.	72,000	73,000	76,000	75,000
DEL.	21,000	21,000	23,000	23,000
FLA.	800,000	865,000	891,000	936,000
GA.	686,000	686,000	727,000	763,000
IDAHO.	406,000	465,000	488,000	537,000
ILL.	1,239,000	1,251,000	1,314,000	1,367,000
IND.	728,000	735,000	757,000	780,000
IOWA.	2,737,000	2,754,000	2,919,000	2,861,000
KAN.	2,160,000	2,200,000	2,354,000	2,401,000
KY.	570,000	570,000	581,000	599,000
LA.	475,000	535,000	600,000	690,000
ME.	105,000	112,000	117,000	142,000
MD.	125,000	125,000	134,000	135,000
MASS.	85,000	88,000	93,000	100,000
MICH.	735,000	730,000	752,000	729,000
MINN.	1,275,000	1,400,000	1,600,000	1,632,000
MISS.	535,000	575,000	644,000	708,000
MO.	1,555,000	1,650,000	1,782,000	1,782,000
MONT.	894,000	1,000,000	1,020,000	1,020,000
NEB.	2,237,000	2,525,000	2,940,000	2,940,000
NEV.	472,000	470,000	517,000	533,000
N. H.	63,000	63,000	70,000	74,000
N. J.	73,000	74,000	70,000	74,000
N. M.	1,090,000	1,145,000	1,250,000	1,325,000
N. Y.	939,000	939,000	930,000	911,000
N. C.	375,000	364,000	375,000	379,000
N. D.	577,000	650,000	630,000	612,000
OHIO.	872,000	900,000	1,080,000	1,102,000
OKLA.	1,186,000	1,300,000	1,430,000	1,441,000
ORE.	553,000	610,000	683,000	703,000
PENN.	657,000	664,000	717,000	731,000
R. I.	11,000	11,000	12,000	13,000
S. C.	215,000	215,000	232,000	244,000
S. D.	1,064,000	1,250,000	1,438,000	1,496,000
TENN.	518,000	528,000	554,000	587,000
TEX.	5,428,000	5,482,000	4,660,000	3,961,000
UTAH.	408,000	408,000	457,000	480,000
VT.	170,000	172,000	185,000	194,000
VA.	472,000	486,000	530,000	567,000
WASH.	255,000	280,000	320,000	307,000
W. VA.	362,000	369,000	373,000	366,000
WIS.	1,313,000	1,340,000	1,394,000	1,436,000
WYO.	750,000	825,000	910,000	1,000,000

U. S. 39,812,000 41,689,000 44,112,000 44,399,000

MONTHLY PRICES OF MILCH COWS.

The following table gives the United States estimated average price per head to producers of milch cows, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January...	\$57.99	\$58.47	\$57.79	\$63.92	\$76.51
February...	59.09	57.99	57.99	65.93	78.36
March.....	59.23	58.00	59.51	68.46	80.71
April.....	59.69	57.78	60.68	72.09	82.45
May.....	59.85	58.29	60.98	72.78	83.46
June.....	59.82	56.59	61.63	72.87	79.29
July.....	59.67	60.31	62.04	72.81	84.97
August.....	60.72	58.34	61.32	72.53	84.06
September.	59.58	58.38	61.41	73.93	85.21
October.....	59.53	58.76	62.19	75.79	85.41
November...	58.77	57.35	62.67	75.00	84.51
December...	58.23	56.79	63.18	76.16	85.78

Average.. \$50.34 \$58.25 \$60.95 \$71.86 \$82.56

GRAIN CROPS OF SPAIN.

The United States Department of Agriculture, in February, 1919, published the following in regard to the crops of Spain.

Crop.	1916.	1917.	1918.
Wheat.....	152,329,000	142,674,000	135,709,000
Barley.....	86,863,000	77,957,000	90,496,000
Oats.....	32,163,000	33,061,000	30,474,000
Rye.....	28,782,000	24,203,000	30,445,000
Corn.....	28,642,000	29,369,000	24,141,000

Total.... 328,779,000 307,264,000 311,265,000

In the year 1820 alfalfa clover was tried in New York state.

AN EARLY BEEF CONTRACT.

In the year 1825 Colonel W. S. Hamilton, son of Alexander Hamilton, made a contract to supply beef to the garrison of Fort Howard at Chicago, Ill., and for this purpose bought and started a drove of cattle from Springfield, Ill. This was the first shipment of Illinois cattle to Chicago. Previously the garrison had been supplied from Cleveland and Buffalo. The cattle referred to cost \$10 per head, and a young man named John Hamlin accompanied them as drover.

Grant Thorburn's (New York) seed catalogue in 1823 was the only one issued in pamphlet form.

SWINE ON FARMS.

This statement of the number of hogs on farms in the United States with a four-year progression was issued in February, 1919, by the United States Department of Agriculture. It shows that, notwithstanding the heavy marketing of hogs during the war period, the end of the war finds us with the largest number of hogs on hand in the history of the country.

State.	1916.	1917.	1918.	1919.
ALA.	1,715,000	1,850,000	2,128,000	2,223,000
ARIZ.	40,000	30,000	64,000	58,000
ARK.	1,589,000	1,550,000	1,643,000	1,725,000
CALIF.	947,000	994,000	974,000	1,003,000
COLO.	320,000	352,000	337,000	406,000
CONN.	59,000	58,000	64,000	83,000
DEL.	61,000	58,000	64,000	71,000
FLA.	996,000	1,109,000	1,375,000	1,512,000
GA.	2,348,000	2,585,000	2,766,000	3,043,000
IDAHO.	344,000	292,000	219,000	208,000
ILL.	4,489,000	4,444,000	5,111,000	5,724,000
IND.	4,010,000	3,970,000	4,168,000	4,668,000
IA.	9,009,000	9,370,000	10,307,000	10,925,000
KAS.	2,815,000	2,535,000	2,560,000	2,331,000
KY.	1,709,000	1,589,000	1,637,000	1,768,000
LA.	1,553,000	1,584,000	1,568,000	1,599,000
ME.	102,000	100,000	100,000	110,000
MD.	359,000	359,000	388,000	434,000
MASS.	112,000	112,000	113,000	147,000
MICH.	1,462,000	1,315,000	1,278,000	1,355,000
MINN.	1,716,000	2,075,000	2,400,000	2,784,000
MISS.	1,617,000	1,598,000	1,902,000	2,282,000
MO.	4,505,000	4,280,000	4,494,000	4,943,000
MONT.	298,000	269,000	215,000	200,000
NEB.	1,266,000	4,200,000	4,250,000	4,250,000
NEV.	40,000	37,000	37,000	40,000
N. H.	55,000	53,000	56,000	66,000
N. M.	91,000	101,000	86,000	93,000
N. Y.	799,000	759,000	775,000	814,000
N. J.	161,000	163,000	170,000	209,000
N. C.	1,550,000	1,450,000	1,400,000	1,546,000
N. D.	706,000	659,000	507,000	456,000
OHIO.	3,713,000	3,527,000	3,878,000	4,266,000
OKL.	1,491,000	1,325,000	1,219,000	1,036,000
ORE.	370,000	315,000	323,000	348,000
PA.	1,210,000	1,174,000	1,291,000	1,420,000
R. I.	15,000	14,000	16,000	14,000
S. C.	870,000	920,000	960,000	1,056,000
S. D.	1,314,000	1,432,000	1,504,000	1,654,000
TENN.	1,531,000	1,485,000	1,634,000	1,965,000
TEX.	3,197,000	3,229,000	2,900,000	2,320,000
UTAH.	112,000	101,000	102,000	123,000
VT.	113,000	113,000	118,000	125,000
VA.	1,023,000	1,023,000	1,042,000	1,134,000
WASH.	314,000	283,000	283,000	317,000
W. VA.	378,000	530,000	422,000	439,000
WIS.	2,142,000	2,060,000	2,019,000	2,181,000
WYO.	70,000	60,000	55,000	63,000

U. S. 67,766,000 67,503,000 70,978,000 75,587,000

MONTHLY PRICES OF HOGS.

The following table gives the United States estimated average price per 100 pounds to producers of hogs, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January...	\$7.45	\$6.57	\$6.32	\$ 9.16	\$15.26
February...	7.75	6.34	7.07	10.33	15.93
March.....	7.80	6.33	7.86	12.32	15.58
April.....	7.80	6.48	8.21	13.61	15.76
May.....	7.60	6.77	8.37	13.72	15.84
June.....	7.43	6.80	8.21	13.50	15.37
July.....	7.72	6.84	8.40	13.35	15.53
August.....	8.11	6.61	8.61	14.24	16.89
September...	8.11	6.79	9.22	15.69	17.50
October.....	7.43	7.18	8.67	16.15	16.50
November...	7.00	6.35	8.74	15.31	15.92
December...	7.67	6.02	8.76	15.73	15.82

Average. \$7.57 \$6.59 \$8.20 \$13.59 \$15.92

THE MAXWELL LAND GRANT.

In the year 1825 Lucien B. Maxwell, an American, who traveled to the Chiriquion river, was married to a daughter of Charles Beaubien, a pioneer Frenchman, inheriting an immense tract of land since known as the "Maxwell Grant." In his later days Mr. Maxwell owned 10,000 horses, 10,000 cattle and 40,000 sheep. He employed 500 men, and was the first American ranchman of prominence in that section of the Southwest.

In 1825 James Moores, of Steubenville, Ohio, sold the wool clip from one hundred sheep at one dollar per pound.

SHEEP ON FARMS.

This statement of the number of sheep on farms in the United States with the changes in four years was issued February, 1919, by the United States Department of Agriculture. It shows some recent increase in sheep raising, but it must be remembered that we had 10,000,000 more sheep thirty years ago.

State.	1916.	1917.	1918.	1919.
ALA.	119,000	121,000	131,000	140,000
ARIZ.	1,700,000	1,632,000	1,550,000	1,400,000
ARK.	124,000	124,000	134,000	147,000
CALIF.	2,450,000	2,524,000	2,776,000	2,943,000
COLO.	1,839,000	1,950,000	2,350,000	2,303,000
CONN.	18,000	18,000	20,000	24,000
DEL.	8,000	8,000	10,000	10,000
FLA.	119,000	119,000	120,000	120,000
GA.	161,000	150,000	144,000	144,000
IDAHO	3,120,000	3,170,000	3,202,000	3,234,000
ILL.	907,000	898,000	952,000	1,028,000
IND.	1,005,000	950,000	998,000	1,093,000
IOWA.	1,240,000	1,200,000	1,224,000	1,322,000
KAS.	341,000	348,000	418,000	460,000
KY.	1,155,000	1,155,000	1,213,000	1,274,000
LA.	185,000	240,000	209,000	230,000
ME.	160,000	157,000	163,000	173,000
MD.	223,000	223,000	234,000	246,000
MASS.	26,000	25,000	26,000	28,000
MICH.	1,931,000	1,834,000	1,926,000	2,119,000
MINN.	536,000	541,000	568,000	642,000
MISS.	269,000	193,000	174,000	183,000
MO.	1,416,000	1,370,000	1,466,000	1,539,000
MONT.	3,941,000	3,500,000	3,045,000	2,984,000
NEB.	374,000	381,000	408,000	367,000
NEV.	1,532,000	1,455,000	1,505,000	1,520,000
N. H.	35,000	35,000	37,000	39,000
N. J.	29,000	29,000	28,000	29,000
N. M.	3,440,000	3,300,000	3,135,000	3,135,000
N. Y.	849,000	800,000	800,000	840,000
N. C.	155,000	140,000	137,000	138,000
N. D.	240,000	240,000	252,000	265,000
OHIO.	3,067,000	2,944,000	2,950,000	2,980,000
OKLA.	95,000	104,000	114,000	125,000
ORE.	2,435,000	2,400,000	2,448,000	2,497,000
PENN.	835,000	830,000	913,000	959,000
R. I.	6,000	5,000	6,000	7,000
S. C.	30,000	30,000	30,000	29,000
S. D.	604,000	625,000	750,000	810,000
TENN.	650,000	600,000	550,000	567,000
TEX.	2,156,000	2,328,000	2,188,000	2,232,000
UTAH.	2,089,000	2,089,000	2,340,000	2,410,000
VT.	100,000	100,000	104,000	107,000
VA.	700,000	686,000	692,000	713,000
WASH.	568,000	585,000	661,000	780,000
W. VA.	720,000	715,000	751,000	789,000
WIS.	664,000	645,000	654,000	716,000
WYO.	4,338,000	4,100,000	4,100,000	4,018,000

U. S. 48,625,000 47,616,000 48,603,000 49,863,000

MONTHLY PRICES OF SHEEP.

The following table gives the United States estimated average price per 100 pounds to producers of sheep, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January...	\$4.67	\$4.95	\$5.52	\$ 7.33	\$10.55
February...	4.67	5.14	5.90	8.17	10.75
March.....	4.77	5.36	6.35	9.21	11.41
April.....	4.96	5.60	6.61	9.69	11.98
May.....	4.87	5.54	6.66	10.15	12.32
June.....	4.70	5.43	6.54	9.84	11.56
July.....	4.75	5.35	6.33	9.32	11.01
August.....	4.37	5.16	6.22	9.33	10.99
September...	4.81	5.16	6.25	10.35	10.79
October.....	5.18	6.20	10.24	10.35	
November...	4.68	5.18	6.41	10.20	10.11
December...	4.95	5.38	6.77	10.44	9.46

Average. \$4.79 \$5.28 \$6.31 \$ 9.50 \$10.91

MECHANICS AND FARMERS.

In January, 1823, students were first received at Cardiner Lyceum, an institution for instruction of mechanics and farmers. Rev. Benjamin Hale, first President. The institution was named in honor of Robert Hallowell Gardiner, who obtained the grant of \$1,000 per year to put the first agricultural college on its feet. They had twenty regular students the first year, besides others who attended the short course in winter.

HORTICULTURAL ITEM.

In the year 1826 an horticultural item appeared and read as follows: "It has been ascertained by experiment that linseed oil being washed over trees previously to their budding out will render them impervious to frost."

HORSES ON FARMS IN UNITED STATES.

Notwithstanding large exports of horses and the number of mares annually devoted to keeping up the supply of mules, the horses of the United States have increased from 19,833,000 in the year 1910 to 21,534,000 head in January, 1919. The statement of the horses on farms in the United States was furnished by the United States Department of Agriculture in February, 1919, and shows that horses in the United States did not decrease during the war period.

State.	1916.	1917.	1918.	1919.
ALA...	150,000	150,000	153,000	155,000
ARIZ...	124,000	129,000	135,000	136,000
ARK...	270,000	270,000	272,000	267,000
CALIF.	493,000	468,000	468,000	435,000
COLO.	361,000	380,000	399,000	419,000
CONN.	46,000	46,000	45,000	44,000
DEL...	36,000	36,000	36,000	35,000
FLA...	59,000	60,000	62,000	62,000
GA...	125,000	127,000	130,000	131,000
IDAHO.	241,000	250,000	265,000	276,000
ILL...	1,432,000	1,432,000	1,467,000	1,467,000
IND...	854,000	845,000	837,000	829,000
IOWA.	1,584,000	1,532,000	1,583,000	1,567,000
KAS...	1,409,000	1,120,000	1,142,000	1,153,000
KY...	434,000	434,000	443,000	439,000
LA...	193,000	195,000	207,000	213,000
ME...	109,000	109,000	108,000	107,000
MD...	169,000	169,000	171,000	171,000
MASS.	60,000	59,000	57,000	54,000
MICH.	680,000	680,000	673,000	666,000
MINN.	890,000	925,000	950,000	950,000
MISS.	243,000	243,000	253,000	256,000
MO...	1,060,000	1,020,000	1,040,000	1,040,000
MONT.	430,000	460,000	506,000	557,000
NEB...	1,028,000	1,018,000	1,049,000	1,049,000
NEV...	77,000	73,000	75,000	75,000
N. H...	44,000	44,000	43,000	42,000
N. J...	92,000	92,000	90,000	89,000
N. M...	234,000	250,000	272,000	261,000
N. Y...	609,000	609,000	590,000	578,000
N. D...	185,000	185,000	187,000	181,000
N. C...	801,000	825,000	842,000	850,000
OHIO.	901,000	892,000	900,000	891,000
OKLA.	743,000	730,000	737,000	744,000
ORE...	295,000	300,000	300,000	303,000
PENN.	602,000	596,000	590,000	578,000
R. I...	9,000	8,000	8,000	8,000
S. C...	84,000	85,000	80,000	82,000
S. D...	759,000	780,000	811,000	827,000
TENN.	349,000	350,000	350,000	357,000
TEX...	1,180,000	1,200,000	1,212,000	1,161,000
UTAH.	146,000	128,000	145,000	148,000
VT...	89,000	89,000	88,000	88,000
VA...	361,000	361,000	365,000	369,000
WASH.	308,000	300,000	300,000	303,000
W. VA.	194,000	196,000	196,000	194,000
WIS...	712,000	715,000	708,000	694,000
WYO...	185,000	195,000	215,000	230,000

U. S. 21,159,999 21,210,000 21,555,000 21,534,000

MONTHLY PRICES OF HORSES.

The following table gives the United States estimated average price per head to producers of horses, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January.....	\$137.	\$130	\$128	\$129	\$130
February.....	139	132	129	131	133
March.....	138	132	131	133	137
April.....	138	132	133	136	137
May.....	139	133	134	138	136
June.....	136	132	132	137	135
July.....	137	134	133	135	132
August.....	135	131	131	132	131
September.....	132	131	131	132	123
October.....	131	129	130	130	126
November.....	130	127	129	129	122
December.....	130	126	129	129	121
Average.....	\$135	\$131	\$131	\$133	\$131

GREAT HORSE CONTEST.

In 1823, on May 23d, was the historic sectional contest in horse racing between the North and the South. American Eclipse represented the North, and Henry, or, as he was originally named, Sir Henry, represented the South. Eclipse won two four-mile heats out of three. Time, 7:37½, 7:49 and 8:21. Average heats, 7:57, or 1 minute 57 seconds to the mile.

In the year 1827 Mr. Parsons Gorham, of Cincinnati, sold seeds and was one of the early Western merchants carrying a supply of seeds for sale.

MULES ON FARMS IN UNITED STATES.

The statement of the number of mules on the farms of the United States and covering four years, including 1919, was issued by the Department of Agriculture in February. Notwithstanding large exports, the number of mules in the United States advanced from 4,210,000 in the year 1910 to 4,925,000 head in 1919.

State.	1916.	1917.	1918.	1919.
ALA...	281,000	278,000	289,000	304,000
ARIZ...	7,000	8,900	9,000	9,000
ARK...	240,000	255,000	292,000	315,000
CALIF.	70,000	70,000	66,000	63,000
COLO.	19,000	24,000	30,000	31,000
DEL...	6,000	6,000	6,000	6,000
FLA...	29,000	31,000	34,000	35,000
GA...	315,000	324,000	334,000	344,000
IDAHO.	4,000	4,000	4,000	4,000
ILL...	152,000	150,000	150,000	147,000
IND...	95,000	95,000	95,000	94,000
IOWA.	61,000	68,000	69,000	68,000
KAS...	255,000	275,000	280,000	260,000
KY...	229,000	224,000	224,000	231,000
LA...	132,000	139,000	156,000	164,000
MD...	25,000	25,000	25,000	25,000
MICH.	4,000	4,000	4,000	4,000
MINN.	6,000	6,000	6,000	6,000
MISS.	292,000	292,000	307,000	316,000
MO...	340,000	360,000	367,000	374,000
MONT.	4,000	5,000	5,000	5,000
NEB...	98,000	112,000	118,000	109,000
NEV...	3,000	3,000	3,000	3,000
N. J...	4,000	4,000	4,000	4,000
N. M...	17,000	19,000	19,000	20,000
N. Y...	4,000	5,000	6,000	6,000
N. C...	200,000	205,000	210,000	208,000
N. D...	9,000	9,000	9,000	9,000
OHIO.	26,000	26,000	27,000	28,000
OKLA.	282,000	276,000	280,000	288,000
ORE...	10,000	10,000	10,000	10,000
PENN.	47,000	48,000	48,000	48,000
S. C...	171,000	174,000	185,000	194,000
S. D...	15,000	15,000	16,000	16,000
TENN.	272,000	270,000	273,000	278,000
TEX...	768,000	800,000	808,000	792,000
UTAH.	2,000	2,000	2,000	2,000
VA...	64,000	64,000	65,000	66,000
WASH.	17,000	19,000	19,000	20,000
W. VA.	12,000	12,000	12,000	12,000
WIS...	3,000	3,000	3,000	3,000
WYO...	3,000	4,000	4,000	4,000

U. S.... 4,593,000 4,723,000 4,873,000 4,925,000

MONTHLY PRICES OF VEAL CALVES.

The following table gives the United States estimated average price per 100 pounds to producers of veal calves, monthly, from 1914 to 1918.

Date.	1914.	1915.	1916.	1917.	1918.
January...	\$7.89	\$7.66	\$7.67	\$ 9.15	\$11.16
February...	7.90	7.62	7.87	9.88	11.17
March.....	7.92	7.50	8.11	9.94	11.33
April.....	7.68	7.31	8.00	10.49	11.71
May.....	7.59	7.35	8.08	10.48	11.92
June.....	7.69	7.53	8.39	10.60	11.88
July.....	7.80	7.87	8.54	10.77	12.33
August....	8.08	7.75	8.59	10.56	12.22
September.	8.06	7.80	8.77	11.08	12.57
October...	7.97	7.91	8.59	11.10	12.35
November.	7.78	7.69	8.60	10.66	11.94
December.	7.61	7.61	8.79	10.98	12.31

Average. \$7.83 \$7.63 \$8.33 \$10.47 \$11.88

CROP OF PEANUTS—1918.

The peanut crop of 1918 is estimated at 71,460,000 bushels, the largest crop being in the state of Alabama. The early estimate was larger, but the 1918 crop is the largest on record.

State.	Planted, Acres.	Per Cent, of 1917.	Pro-duction, Bushels.
ALA.....	643,000	119	20,576,000
ARK.....	97,000	115	3,327,000
FLA.....	153,000	264	5,834,000
GA.....	314,000	123	12,434,000
MISS.....	5,000	83	162,000
MO.....	400	102	14,000
N. C.....	145,000	95	5,295,000
OKLA.....	20,000	154	530,000
S. C.....	14,000	90	638,000
TENN.....	17,000	113	729,000
TEXAS.....	647,000	110	15,916,000
VA.....	157,000	95	6,005,000
U. S.....	2,212,400	117	71,460,000

Chickens and Turkeys.

In the year 1900, in the United States, there were 233,566,021 chickens counted by the census enumerators, and in 1910 the number of chickens was increased to 280,345,133. In the year 1910 chickens were raised on 5,578,525 farms, which is 87.7 per cent. of all farms. In the year 1900 there were 6,594,695 turkeys in the United States, but in 1910 the number was reduced to 3,668,708. In the year 1910 turkeys were on 871,123 farms, which is 13.7 per cent. of all farms.

State.	Farms Report- ing.	Chickens, Number.	Farms Report- ing.	Turkeys, Number.
ALA...	221,103	4,589,066	22,350	84,487
ARIZ...	5,020	232,657	836	5,498
ARK...	183,480	5,182,670	20,955	83,550
CALIF.	66,063	5,666,054	11,927	116,602
COLO.	34,433	1,614,578	5,692	26,430
CONN.	23,163	1,218,128	905	3,911
DEL...	10,000	785,591	2,119	8,181
D. C...	159	7,405	6	29
FLA...	40,637	1,239,680	4,672	22,871
GA...	244,453	4,890,069	23,128	79,634
IDAHO	23,412	1,012,431	2,975	14,274
ILL...	237,074	20,563,890	43,326	189,418
IND...	202,321	13,216,152	48,180	202,977
IA...	204,574	22,691,670	26,866	124,164
KAS...	162,094	15,266,250	22,796	104,421
KY...	231,031	8,000,457	46,920	188,292
LA...	98,304	3,259,097	12,473	59,251
ME...	16,185	1,704,907	915	2,948
MD...	46,008	2,650,750	14,728	60,260
MI...	46,008	2,650,750	14,728	60,260
MASS...	28,021	1,710,989	692	2,645
MICH.	189,320	9,698,439	20,710	81,263
MINN.	142,582	10,293,849	31,750	147,335
MISS...	221,153	4,563,464	22,226	92,448
MO...	259,457	19,010,562	67,522	311,575
MONT.	17,595	922,540	3,481	16,475
NEB...	115,512	9,010,945	8,292	32,364
NEV...	1,977	126,599	478	2,839
N. H...	20,868	903,413	489	1,949
N. J...	30,078	2,012,842	2,379	31,778
N. M...	19,496	509,892	1,597	7,308
N. Y...	192,848	7,312,386	25,064	104,957
N. C...	223,458	4,566,928	16,090	70,009
N. D...	61,452	3,095,026	14,040	62,261
OHIO...	253,614	9,011,144	43,019	102,604
OKLA.	168,464	8,014,945	27,929	120,324
ORE...	37,080	1,753,732	4,334	26,689
PENN.	205,032	11,896,724	40,126	136,942
R. I...	4,815	392,704	161	1,109
S. C...	146,487	2,694,970	19,454	64,396
S. D...	61,492	4,924,349	10,832	51,992
TENN.	222,448	7,341,473	32,016	118,514
TEX...	356,877	12,719,592	76,429	363,666
UTAH.	17,424	673,662	1,684	7,996
VT...	27,464	911,781	2,456	11,693
VA...	169,991	5,684,703	39,024	148,386
WASH.	44,867	2,204,171	3,557	16,049
W. VA.	89,099	3,106,907	18,762	71,072
WIS...	163,043	9,142,719	15,764	65,020
WYO...	7,047	324,981	1,333	5,883
Total.	5,578,525	280,345,133	871,123	3,688,708

Ducks and Geese.

In the year 1900 the enumerators of the census reported 4,785,850 ducks in the United States, but in 1910 the number was reduced to 2,906,525. In 1910 there were 503,704 farms raising ducks, which is 7.9 per cent. of all farms. In 1900 the total of geese was 5,676,788 and the total of 1910 was 4,431,980, there being 662,34 farms raising geese, which is 10.4 per cent. of all farms. Herewith we present the statement of ducks and geese according to the last census.

State.	Farms Deport- ing.	Number of Ducks.	Farms Deport- ing.	Number of Geese.
ALA...	10,094	59,227	17,992	142,519
ARIZ...	295	1,824	87	701
ARK...	18,323	109,483	38,095	343,995
CALIF.	3,606	40,061	760	14,195
COLO...	2,486	12,250	1,053	4,455
CONN.	1,748	9,813	958	4,200
DEL...	1,884	9,790	1,019	6,111
D. C...	17	127	1	40
FLA...	82	6,218	2,985	29,556
GA...	7,513	42,221	18,191	171,625
IDAHO	1,790	8,900	8,842	8,842
ILL...	37,433	201,505	42,763	226,546
IND...	19,427	121,306	21,734	139,081
IOWA.	40,771	225,284	44,495	215,221
KAS...	18,417	114,032	17,466	95,222
LA...	16,651	98,706	43,380	399,932
ME...	7,671	51,473	14,167	121,534
MD...	1,519	6,311	1,057	4,021
MASS...	8,753	50,232	4,909	23,606
MICH.	1,888	23,153	896	12,313
MINN.	14,214	54,723	18,180	66,792
MISS...	23,692	94,269	27,866	105,161
MO...	10,118	44,228	28,613	236,791
MONT.	25,047	155,129	44,777	365,866
NEB...	1,630	8,243	7,013	7,013
NEV...	17,672	92,524	20,604	89,128
N. H...	251	1,139	510	510
N. J...	694	3,572	355	1,438
N. M...	3,972	39,441	1,900	9,166
N. Y...	557	2,693	151	779
N. C...	16,694	166,488	7,647	29,310
N. D...	13,396	75,786	29,189	238,205
N. C...	10,131	39,938	8,009	30,456
OHIO...	21,288	106,958	24,121	112,706
OKLA.	16,462	112,986	13,824	113,594
ORE...	1,976	10,757	842	14,109
PENN.	23,502	163,777	13,102	46,321
R. I...	458	4,519	266	2,725
S. C...	3,623	15,653	8,125	59,664
S. D...	16,281	87,514	13,623	59,991
TENN.	21,922	142,292	41,906	366,687
TEX...	11,007	74,910	26,809	244,997
UTAH.	1,891	3,782	609	2,938
VT...	1,252	4,561	677	2,505
VA...	16,561	94,451	12,460	79,093
WASH.	2,558	13,179	586	14,858
W. VA.	6,776	35,576	10,447	72,972
WIS...	16,434	61,480	25,287	93,782
WYO...	744	3,411	1,708	1,708
Total.	503,704	2,906,525	662,324	4,431,980

MARKETINGS BY PERCENTAGE.

Month.	1917.	1916.	1915.	1914.	1913.
July.....	7.4	13.3	7.1	17.5	16.3
August.....	12.4	17.9	11.0	13.2	13.4
September....	19.3	16.8	14.4	15.5	14.3
October.....	18.0	14.1	14.5	12.5	12.8
November....	13.7	9.7	12.4	10.3	9.7
December....	7.6	5.6	11.0	7.5	7.6
January.....	4.7	7.2	6.8	5.1	6.7
February....	3.9	3.3	6.8	5.7	4.8
March.....	3.7	3.9	3.8	3.3	4.2
April.....	4.1	3.1	3.9	4.6	2.9
May.....	3.1	3.0	4.7	2.7	3.5
June.....	2.1	2.1	3.6	2.1	3.8
Season.....	100.0	100.0	100.0	100.0	100.0

In 1823, at one of the quarterly meetings, the Australian Agricultural Society paid for and destroyed 387 native dog tails, it being a fair presumption that previously the dogs had been destroyed.

MONTHLY MARKETINGS OF CORN BY FARMERS.

Month.	1917.	1916.	1915.	1914.	1913.
July.....	34	30	31	19	27
August.....	26	34	33	34	16
September....	22	28	35	23	21
October.....	24	25	33	23	27
November....	56	67	59	71	85
December....	78	60	88	82	102
January.....	91	73	64	96	51
February....	103	43	68	38	34
March.....	88	34	39	22	30
April.....	45	26	35	27	21
May.....	36	31	35	21	29
June.....	37	29	32	29	22
Season.....	640	480	550	485	475

Cattle Sold and Slaughtered.

Once in ten years we are able to make an examination of the number of live stock sold from the farms of the United States. This tabulation is for cattle only, not including calves, but including dry dairy cows and worn-out oxen when sold. There is also an enumeration, state by state, showing the number of cattle slaughtered on the farms. The statement is for the last census year, when there were 20,625,000 dairy cows and 41,178,000 other cattle in the United States.

State.	Farms Report-ing.	Cattle Sold.	Farms Report-ing.	Cattle Slaughtered.
ALA....	48,398	198,226	15,800	42,964
ARIZ....	1,988	146,852	942	10,773
ARK....	62,031	379,676	11,189	38,088
CALIF..	19,775	548,920	4,054	36,319
COLO..	11,013	437,215	5,467	26,818
CONN..	7,979	56,564	1,743	8,756
DEL....	1,805	7,070	150	551
D. COL.	37	344	2	8
FLA....	6,015	60,773	3,359	22,012
GA....	32,467	112,127	10,506	37,605
IDAHO..	7,320	145,948	3,395	12,216
ILL....	106,050	1,029,835	19,120	38,466
IND....	82,019	463,825	14,877	27,122
IOWA..	128,657	2,130,255	48,883	73,454
KAS....	75,654	1,560,620	18,999	30,660
KY....	74,343	535,429	6,497	19,011
LA....	20,903	139,319	10,215	26,200
ME....	19,842	83,932	4,513	18,755
MD....	11,866	56,863	3,080	5,870
MASS..	9,927	81,661	2,021	13,521
MICH..	82,230	319,063	19,852	43,619
MINN..	79,284	442,034	47,403	79,226
MISS..	46,709	252,778	14,056	34,406
MO....	119,955	1,300,754	18,269	32,059
MONT..	6,275	272,996	4,133	19,755
NEB....	64,123	1,221,743	27,211	42,083
NEV....	981	101,190	810	11,217
N. H....	8,750	54,904	2,104	9,116
N. J....	6,270	30,954	1,377	3,175
N. M....	5,541	306,347	3,937	16,316
N. Y....	82,443	451,265	26,858	68,793
N. C....	49,090	163,015	13,201	36,132
N. D....	24,736	159,392	19,714	31,570
OHIO..	104,220	558,420	30,912	54,040
OKLA..	64,937	939,546	8,808	23,043
ORE....	13,973	249,733	5,946	24,292
PENN..	80,961	368,687	44,877	88,505
R. I....	1,573	11,177	203	6,699
S. C....	19,668	57,301	5,782	17,657
S. D....	32,328	519,607	16,959	28,475
TENN..	83,836	540,891	10,838	33,483
TEX....	117,934	2,535,219	17,248	64,031
UTAH..	5,950	110,780	2,214	8,208
VT....	17,499	145,955	6,450	18,832
VA....	41,915	314,023	8,487	20,058
WASH..	13,335	94,368	7,370	25,087
W. VA..	19,132	257,733	8,226	18,753
WIS....	90,924	417,796	33,169	51,040
WYO....	3,249	198,970	2,059	9,810
Total.	2,035,910	20,572,997	593,285	1,408,640

Potato Harvest Periods.

According to Agricultural Department reports there will be 30,000,000 more bushels of potatoes harvested in July and August, 1917, than last year in same period, and during the balance of the year the increase will be 133,000,000 bushels.

Harvest Period.			
	1916.	1917 (Forecast.)	
	Per Ct. Bushels.	Per Ct. Bushels.	
Jan. 1 to June 30.	5.0 14,255,000	4.0 18,279,000	
July 1 to Aug. 31.	20.8 59,270,000	19.8 89,424,000	
Sept. 1 to Dec. 31.	74.2 211,942,000	76.2 344,014,000	
	100.0 285,437,000	100.0 451,717,000	

A straw or chaff-cutting machine was invented by Lester in 1801.

Calves Sold and Slaughtered.

The enumeration of calves sold from farms and calves slaughtered on farms is the official statement of the last census year. At the time the census was taken the total of all kinds and classes of cattle remaining on farms in the United States was 61,803,000 head, and the total is not far different in the year 1916. It must be remembered that many calves sold by farmers have been matured and fattened for market by other farmers.

State.	Farms Report-ing.	Calves Sold.	Farms Report-ing.	Calves Slaughtered.
ALA....	15,349	30,694	4,354	7,872
ARIZ....	659	7,525	171	1,144
ARK....	29,918	86,235	3,028	8,379
CALIF..	16,882	147,467	4,767	50,538
COLO..	4,802	33,934	2,591	11,557
CONN..	9,014	66,477	622	6,915
DEL....	1,481	19,292	54	414
D. COL.	65	416	5	28
FLA....	584	2,537	216	1,569
GA....	19,558	39,507	9,154	22,323
IDAHO..	4,113	19,098	1,801	4,789
ILL....	89,410	410,590	11,125	81,079
IND....	83,363	251,470	5,474	21,731
IOWA..	47,028	256,071	7,286	18,235
KAS....	47,826	281,398	7,416	11,536
KY....	53,351	140,896	2,021	4,516
LA....	4,166	15,490	1,040	2,667
ME....	21,607	98,577	2,874	27,396
MD....	22,369	92,359	431	2,110
MASS..	12,412	95,486	995	14,187
MICH..	84,626	293,525	16,091	61,896
MINN..	40,529	176,970	28,204	80,493
MISS..	14,299	32,218	3,227	5,757
MO....	76,353	254,702	4,863	8,779
MONT..	1,687	18,389	1,454	8,748
NEB....	18,056	96,821	3,195	5,458
NEV....	239	3,655	217	1,416
N. H....	9,592	64,347	1,137	10,650
N. J....	16,478	112,885	622	14,023
N. M....	2,619	16,169	1,222	3,658
N. Y....	105,766	814,704	26,604	212,962
N. C....	28,530	52,137	5,964	14,602
N. D....	7,694	22,263	7,992	14,419
OHIO..	100,676	362,046	7,791	31,180
OKLA..	32,735	132,870	3,128	5,715
ORE....	6,181	30,473	9,539	40,756
PENN..	105,371	469,663	14,398	68,936
R. I....	1,395	9,653	56	1,175
S. C....	7,888	14,541	2,461	6,669
S. D....	8,970	48,862	4,326	7,034
TENN..	46,097	114,620	2,916	9,548
TEX....	59,080	512,442	8,500	22,445
UTAH..	5,123	20,754	1,233	5,312
VT....	11,216	102,781	5,147	14,375
VA....	49,124	119,002	2,022	5,086
WASH..	7,035	30,291	10,345	44,238
W. VA..	25,143	58,815	1,282	5,108
WIS....	100,723	647,915	28,716	93,167
WYO....	1,010	13,716	431	1,948
Total.	1,461,173	6,742,748	268,508	1,131,600

HEMP PRODUCTION, 1915, 1916, 1917.

Hemp production for the present is fine. The acreage is 86 per cent. greater than last year. Only two states produce any quantity of hemp, but they are doing good business. This year we have double an average crop.

	1915.	1916.	1917.
State.	Pounds.	Pounds.	Pounds.
KY.....	9,637,000	12,250,000	18,000,000
WIS.....	630,000	1,560,000	7,224,000
Total Above	10,267,000	13,810,000	25,224,000

THE DUROC-JERSEY HOG.

In 1822 Henry Kelsey, of Florida, Montgomery county, New York, imported a pair of red hogs from England. These hogs were afterwards called Durocs, named for a famous horse he owned.

In 1824 the Merino buck Bolivar, owned by Wm. R. Dickinson, of Steubenville, Ohio, won first premium in wool sheep classes at Washington, D. C.

Swine Sold by Farmers.

During the last census year from 1,841,229 farms in the United States 37,500,158 hogs were sold by farmers and the valuation reported was \$12.35 per head. The number of hogs on farms at that time by the census count was 58,188,000 head, or practically 65 per cent. of the supply.

State.	No. of Farms Reporting.	Per Cent. of Farms	Animals Sold.	Value Per Head.
ALA.	22,552	8.6	123,078	\$ 3.97
ARIZ.	489	5.3	9,780	8.42
ARK.	31,239	14.6	376,466	5.90
CALIF.	13,605	15.4	478,678	10.16
COLO.	5,398	11.7	124,667	11.15
CONN.	2,273	8.5	29,278	5.83
DEL.	1,978	18.3	20,979	5.35
DIST. COL.	5	2.3	17	11.35
FLA.	4,075	8.1	60,528	3.60
GA.	20,368	7.0	136,651	3.80
IDAHO.	5,584	18.1	150,230	11.37
ILL.	139,516	55.4	3,745,309	14.21
IND.	119,815	55.6	3,030,547	12.60
IOWA.	152,542	70.3	5,524,519	15.51
KAS.	97,836	55.0	2,857,924	14.05
KY.	69,704	26.9	1,160,301	9.17
LA.	6,015	5.0	61,794	5.73
ME.	10,628	17.7	88,167	7.58
MD.	11,425	23.4	143,415	5.74
MASS.	3,885	10.5	63,930	8.31
MICH.	85,168	41.2	981,880	11.02
MINN.	74,047	47.4	1,038,711	13.48
MISS.	17,470	6.4	88,599	4.16
MO.	153,372	55.3	4,425,428	11.58
MONT.	2,205	8.4	37,471	9.73
NEB.	78,616	60.7	2,495,969	15.41
NEV.	413	15.4	9,660	8.87
N. H.	4,067	15.0	43,008	7.70
N. J.	4,875	14.6	88,639	6.75
N. M.	2,047	5.7	20,286	6.51
N. Y.	44,584	20.7	407,915	6.40
N. C.	35,461	14.0	246,796	3.49
N. D.	14,743	19.8	115,414	11.71
OHIO.	122,902	45.2	2,317,507	12.38
OKLA.	71,176	37.4	1,591,469	11.06
OREGON.	8,148	17.9	129,641	10.91
PENN.	58,438	26.6	579,136	6.65
R. I.	409	7.7	7,725	6.64
S. C.	12,389	7.0	80,633	4.31
S. D.	32,575	42.0	721,838	15.01
TENN.	74,122	30.1	1,082,134	7.84
TEXAS.	66,061	16.0	742,769	7.75
UTAH.	2,839	13.2	30,072	7.73
VT.	3,781	29.9	93,720	8.53
VA.	30,957	16.8	293,493	5.38
WASH.	7,762	13.8	121,886	10.60
W. VA.	18,164	18.8	121,650	5.51
WIS.	88,056	49.7	1,389,717	12.99
WYO.	837	7.6	10,740	10.40

Total...1,841,229 28.9 37,500,158 \$12.35

Swine Slaughtered on Farms.

During the last census year on 3,643,546 farms in the United States 15,378,517 hogs were slaughtered, and the farmers reported the value to be \$19.37 per head. The number of hogs on farms at that time by the census count was 58,186,000 head, practically one hog in four.

State.	No. of Farms Reporting.	Per Cent. of All Farms.	Animals Slaughtered.	Value Per Head.
ALA.	137,036	52.1	581,615	\$12.16
ARIZ.		8.8	3,299	13.37
ARK.	113,636	52.9	616,350	11.10
CALIF.	15,337	17.4	82,270	12.80
COLO.	12,330	26.7	52,081	15.53
CONN.	7,975	29.7	25,058	19.86
DEL.	6,636	61.2	27,588	19.84
DIST. COL.	39	18.0	883	19.37
FLA.	25,915	51.8	294,753	8.05
GA.	154,935	53.2	860,409	11.31
IDAHO.	10,470	34.0	47,437	13.90
ILL.	172,486	68.5	762,545	16.95
IND.	152,287	70.7	646,581	16.26
IOWA.	147,246	67.8	507,167	16.03
KAS.	112,110	63.0	377,566	16.50
KY.	168,483	65.0	733,642	15.11
LA.	48,727	40.4	287,447	8.51
ME.	21,404	40.7	47,319	22.68
MD.	32,931	67.3	180,406	15.79
MASS.	7,183	19.5	27,754	19.35
MICH.	114,104	55.1	381,247	15.41
MINN.	100,583	64.4	314,597	15.60
MISS.	128,043	46.7	498,659	12.06
MO.	200,247	72.2	949,318	15.18
MONT.	5,104	19.5	33,143	14.88
NEB.	81,292	62.7	261,515	16.00
NEV.	673	25.0	5,943	13.96
N. H.	9,658	35.7	22,563	22.16
N. J.	13,906	41.5	73,709	17.90
N. M.	6,677	18.7	21,929	12.19
N. Y.	107,276	49.8	386,264	17.57
N. C.	166,636	65.7	783,247	13.59
N. D.	37,893	51.0	136,227	15.82
OHIO.	182,236	67.0	768,195	17.03
OKLA.	104,564	55.0	424,436	14.26
OREGON.	18,153	39.9	102,755	14.80
PENN.	146,868	67.0	675,939	18.63
R. I.	1,034	19.5	3,674	19.49
S. C.	86,224	48.9	309,922	13.09
S. D.	36,975	47.6	177,781	15.16
TENN.	165,764	66.6	742,123	15.49
TEXAS.	221,345	53.0	886,260	15.60
UTAH.	10,040	46.3	31,210	13.94
VT.	16,559	50.6	50,786	19.05
VA.	127,841	69.5	537,797	15.40
WASH.	18,129	32.3	92,600	15.60
W. VA.	65,798	68.1	206,701	17.82
WIS.	118,436	66.9	386,243	14.92
WYO.	2,506	22.8	13,064	15.44

Total...3,643,546 57.3 15,378,517 \$19.37

ARGENTINE CROPS.

Consul Robertson, at Buenos Aires, South America, reports the areas sown to wheat, linseed and oats in Argentine for the agricultural year 1917-18 as follows:

Province.	Wheat, Acres.	Linseed, Acres.	Oats, Acres.
Buenos Aires.	6,114,598	533,251	2,369,731
Santa Fe.	2,303,013	1,309,693	741,131
Cordoba.	4,929,733	748,294	148,263
Entre Rios.	1,181,159	543,630	247,104
Pampa.	2,718,148	29,157	274,286
Others.	617,761	49,421	86,487

Total, 1917-18. 17,864,412 3,233,606 3,200,002
Total, 1916-17. 16,088,967 3,207,415 2,525,406

THE ZEBRA A BEAUTY.

In 1824, Thomas Berwick, an English animal artist, said of the zebra: "Such is the beauty of this creature that it seems by nature fitted to satisfy the pride and formed for the service of man, and it is most probable that time and assiduity alone are wanting to bring it under subjection."

In 1826 the Maryland Agricultural Society offered a special premium to owner of lamb shearing the greatest quantity of picklock wool; won by W. R. Dickinson, of Steubenville, Ohio.

Philippine Live Stock.

The Philippine Archipelago, with millions of acres of available open areas, is one of the countries in which stock raising on a large scale may be conducted, according to a report of the Department of Agriculture of the islands. It is estimated that out of a total of 120,000 square miles, 48,000 are in grass lands.

Number of Live Stock in the Philippine Islands.

Kind.	1902.	1914.	Increase.
CARABAOS.	610,871	1,147,433	506,562
CATTLE.	128,000	477,736	349,736
HOGS.	1,179,371	2,285,880	1,106,509
SHEEP.	30,428	118,010	87,582
GOATS.	124,334	592,042	467,708
HORSES.	144,171	215,826	71,655

In the year 1826 first official cotton quotation record. Midland upland cotton, New York market, highest price of the year, 14 cents; lowest, 9 cents per pound.

Goats and Mohair.

This is a statement of the last census (the latest available) when a reliable count was made showing where the goats are, the number of farms reporting goats, the actual number of goats, the number of farms that produce mohair and the complete state by state mohair production. The number of farms reporting goats and kids increased from 77,515 in 1900 to 82,755 in 1910. The number of goats increased from 1,870,599 in 1900 to 2,915,125 in 1910. The mohair production increased from 961,328 pounds in 1899 to 3,778,706 pounds in 1909.

State.	1910.			
	Farms Reporting.	Number of Goats.	Farms, Fleece.	Mohair, Pounds.
ALA.....	5,667	79,347	36	898
ARIZ.....	911	246,617	114	246,032
ARK.....	4,790	58,294	194	7,265
CALIF.....	1,714	138,413	367	282,596
COLO.....	959	31,611	40	7,894
CONN.....	98	500	12	1,009
DEL.....	35	88	1	210
D. OF C.....				
FLA.....	1,947	47,371	7	165
GA.....	6,361	89,616	25	526
IDAHO.....	98	5,719	35	16,412
ILL.....	2,040	12,435	184	14,922
IND.....	1,723	7,290	119	4,472
IOWA.....	2,400	20,664	266	29,206
KAS.....	917	8,847	95	8,805
KY.....	2,713	29,869	198	7,702
LA.....	3,554	57,102	12	1,044
MAINE.....	147	582	39	639
MD.....	198	1,182	27	1,570
MASS.....	201	1,251	35	1,695
MICH.....	686	5,080	117	5,677
MINN.....	784	4,588	131	6,929
MISS.....	4,039	45,871	36	1,303
MO.....	3,947	72,415	858	66,684
MONT.....	176	5,045	38	8,328
NEB.....	892	3,290	5	2,425
NEV.....	64	4,849	8	5,719
N. H.....	96	495	22	629
N. J.....	157	574	7	187
N. M.....	3,440	412,050	237	394,895
N. Y.....	719	3,475	74	5,412
N. C.....	4,247	35,019	56	1,020
N. D.....	294	1,074	36	470
OHIO.....	918	5,379	133	5,840
OKLA.....	1,436	25,591	129	10,503
OREGON.....	4,144	185,411	3,075	523,435
PENN.....	945	3,539	126	3,198
R. I.....	49	106	1	2
S. C.....	3,175	24,750	11	486
S. D.....	660	2,337	54	1,538
TENN.....	4,859	43,560	115	3,428
TEXAS.....	7,937	1,185,244	1,544	1,997,924
UTAH.....	124	29,014	21	44,708
V.....	69	261	14	471
VA.....	738	7,327	79	8,047
WASH.....	417	8,621	164	19,120
W. VA.....	385	5,748	117	8,991
WIS.....	863	4,875	111	4,133
WYO.....	72	2,739	13	14,238
Total...	82,755	2,915,125	9,186	3,778,706

STATE CROP VALUATIONS.

In this table the three ciphers are omitted from the values; in other words, the state values represent millions of dollars and the totals at the bottom represent billions of dollars. The intention of the table is to show the standing of the states; for instance, from 1912 to 1916 Texas was first; in 1917 Texas was third; in 1918 Texas was third; again in the period 1912 to 1916 the state of Illinois was third; in 1917 and in 1918 Illinois was first. The United States Department of Agriculture furnished the statement in December, 1918.

State.	1917.		1918.		1912-16		17	18
	Value	Crops.	Value	Crops.	All	All	All	All
ALA.....	287,939	666,677	42,267	47	17	25	20	43
ARIZ.....	31,193	42,267	47	44	44	44	40	20
ARK.....	371,660	331,479	22	16	23	23	23	23
CALIF.....	439,521	365,028	13	10	21	21	21	21
COLO.....	164,890	153,689	29	28	28	28	28	28
CONN.....	54,345	59,954	40	39	40	40	40	40
DEL.....	27,707	26,290	46	45	46	46	46	46
FLA.....	96,559	103,144	37	35	36	36	36	36
GA.....	553,431	590,292	4	4	4	4	4	4
IDAHO.....	96,525	107,111	36	36	34	34	34	34
ILL.....	849,990	879,679	3	1	1	1	1	1
IND.....	504,300	507,563	12	8	8	8	8	8
IOWA.....	792,618	821,920	2	2	2	2	2	2
KAS.....	416,225	421,298	7	13	14	14	14	14
KY.....	353,877	385,066	24	20	18	18	18	18
LA.....	284,634	282,040	27	26	26	26	26	26
ME.....	68,597	79,410	34	37	37	37	37	37
MD.....	132,368	127,221	33	31	32	32	32	32
MASS.....	61,889	70,204	38	38	38	38	38	38
MICH.....	335,116	336,669	16	19	22	22	22	22
MINN.....	464,294	562,545	11	9	5	5	5	5
MISS.....	351,070	403,789	20	21	16	16	16	16
MO.....	536,827	482,436	10	6	9	9	9	9
MONT.....	105,745	146,713	30	33	29	29	29	29
NEB.....	522,186	390,944	8	7	17	17	17	17
NEV.....	24,477	24,536	45	47	47	47	47	47
N. H.....	25,500	29,776	43	46	45	45	45	45
N. J.....	103,107	103,321	35	34	35	35	35	35
N. M.....	38,470	40,711	44	43	44	44	44	44
N. Y.....	418,089	447,216	5	12	11	11	11	11
N. C.....	434,093	537,438	14	11	7	7	7	7
N. D.....	220,290	375,601	21	27	19	19	19	19
OHIO.....	547,134	541,400	6	5	6	6	6	6
OKLA.....	340,406	264,502	18	22	27	27	27	27
ORE.....	108,025	122,481	31	32	33	33	33	33
PENN.....	407,612	459,929	9	14	10	10	10	10
R. I.....	8,235	7,965	48	48	48	48	48	48
S. C.....	383,153	446,313	19	15	12	12	12	12
S. D.....	358,748	438,880	26	18	13	13	13	13
TENN.....	288,744	324,256	23	24	24	24	24	24
TEXAS.....	790,923	695,651	1	3	3	3	3	3
UTAH.....	52,299	54,759	41	41	41	41	41	41
VT.....	44,484	50,874	39	42	42	42	42	42
VA.....	303,818	322,224	25	23	25	25	25	25
WASH.....	144,422	135,255	28	29	31	31	31	31
W. VA.....	126,487	141,043	32	30	30	30	30	30
WIS.....	367,370	417,888	15	17	15	15	15	15
WYO.....	51,247	61,752	42	40	39	39	39	39
U.S.	13,506,669	14,000,769						

NOTE.—000 000 000 omitted.

PORTO RICO LIVE STOCK.

The Food Commission of the island of Porto Rico made the following report, dated January, 1918, the asses and sheep not being reported in 1918.

Kind	Census 1910.	Jan. 1918.
Cattle.....	Number.	Number.
Cows.....	112,069	107,153
Oxen.....	97,937	123,259
Calves.....	103,880	95,046

Total.....	313,886	325,753
Horses.....	55,225	62,951
Mules.....	4,569	9,305
Asses and Burros.....	985	000
Hogs.....	103,041	102,336
Sheep.....	5,525	000
Poultry.....	668,520	976,081
Goats.....	45,982	49,127

A HEAVY-WEIGHT STEER.

In 1825 a large ox was mentioned in the newspapers: "A fat ox intended for the New York market was reared at Shaftesbury, Vt., and was exhibited at Troy, N. Y., March 26. It was seven years old and of the real American breed and said to weigh 2,772 pounds."

In the year 1826 a horse named Trouble trotted a mile in 2:43.

LIVE STOCK IN DENMARK.

The following table, compiled from Danish official sources, shows the number of live stock in Denmark for the years 1914-1918, inclusive:

Date.	Horses.	Cattle.	Sheep.	Swine.
Number.	Number.	Number.	Number.	Number.
1914.....	567,240	2,462,862	514,908	2,496,706
1915.....	525,690	2,416,471	533,000	1,918,627
1916.....	515,415	2,289,996	255,000	1,983,255
1917.....	538,395	2,452,853	267,979	1,980,727
1918.....	510,615	2,141,684	247,213	513,012

FARM PRODUCTIONS BY STATES

Taken From Original Government Records, State by State—Grain Crops and Live Stock Estimates.

The following arrangement is for the purpose of showing at a glance the number of farms in each state, the average size of the farm, the farm population at the last census (to which 10 per cent. can be added), the live stock on hand according to latest (1919) complete reports, also approximately the crops of 1915, 1916 and 1917, as estimated by the United States Department of Agriculture:

ALABAMA

Has 262,901 Farms.
Average 78.9 Acres.

1,767,662 Farm Population.		
1916.	LIVE STOCK.	1917.
396,000	Dairy Cows.	405,000
534,000	Other Cattle.	534,000
1,715,000	Swine.	1,850,000
119,000	Sheep.	121,000
76,361	Goats.	79,340
150,000	Horses.	150,000
281,000	Mules.	278,000
1,200	Jack Stock.	1,300
1918.	LIVE STOCK.	1919.
433,000	Dairy Cows.	494,000
668,000	Other Cattle.	851,000
2,128,000	Swine.	2,228,000
131,000	Sheep.	140,000
153,000	Horses.	155,000
289,000	Mules.	301,000
1915	1916	CROPS.
1,200,000	1,045,000 Bu. Wheat.	
66,300,000	46,688,000 Bu. Corn.	
11,400,000	10,500,000 Bu. Oats.	
40,000	52,000 Bu. Rye.	
8,000	8,000 Bu. Rice.	
1,600,000	1,800,000 Bu. White Potatoes.	
7,200,000	6,290,000 Bu. Sweet Potatoes.	
362,000	358,000 Tons Tame Hay.	
54,000	45,000 Tons Wild Hay.	
1,020,000	525,000 Bales Cotton.	
100,000	60,000 Pounds Tobacco.	
532,000	380,000 Barrels Apples.	
2,640,000	1,110,000 Bu. Peaches.	
168,000	90,000 Bu. Pears.	
380,000	350,000 Lbs. Wool.	
1917	1918	CROPS.
930,000	1,330,000 Bu. Wheat.	
77,200,000	67,686,000 Bu. Corn.	
9,720,000	8,132,000 Bu. Oats.	
000	000 Bu. Barley.	
38,000	44,000 Bu. Rye.	
000	000 Bu. Buckwheat.	
000	000 Bu. Flaxseed.	
12,000	15,000 Bu. Rice.	
2,952,000	4,800,000 Bu. White Potatoes.	
13,500,000	14,688,000 Bu. Sweet Potatoes.	
1,158,000	1,293,000 Tons Tame Hay.	
37,000	35,000 Tons Wild Hay.	
146,000	700,000 Lbs. Tobacco.	
505,000	820,000 Bales Cotton.	
16,013,000	17,480,000 Bu. Peanuts.	
1,453,000	1,551,000 Bu. Apples.	
1,830,000	3,142,000 Bu. Peaches.	
80,600	152,000 Bu. Pears.	
350,000	368,000 Lbs. Wool.	

ARIZONA

Has 9,227 Farms.
Average 135.1 Acres.

141,004 Farm Population.		
1916.	LIVE STOCK.	1917.
53,000	Dairy Cows.	81,000
838,000	Other Cattle.	861,000
40,000	Swine.	80,000
1,849,000	Sheep.	1,632,000
246,327	Goats.	280,000
124,000	Horses.	129,000
7,000	Mules.	8,000
1918.	LIVE STOCK.	1919.
87,000	Dairy Cows.	72,000

1,037,000	Other Cattle.	1,100,000
64,000	Swine.	58,000
1,550,000	Sheep.	1,400,000
135,000	Horses.	136,000
9,000	Mules.	9,000

1915	1916	CROPS.
1,092,000	1,160,000 Bu. Wheat.	
600,000	770,000 Bu. Corn.	
333,000	338,000 Bu. Oats.	
1,295,000	1,120,000 Bu. Barley.	
95,000	115,000 Bu. White Potatoes.	
470,000	627,000 Tons Tame Hay.	
10,000	14,000 Tons Wild Hay.	
40,000	46,000 Barrels Apples.	
60,000	56,000 Bu. Peaches.	
22,000	18,000 Bu. Pears.	
5,985,000	5,950,000 Lbs. Wool.	
1917	1918	CROPS.
825,000	988,000 Bu. Wheat.	
861,000	952,000 Bu. Corn.	
400,000	440,000 Bu. Oats.	
1,155,000	1,020,000 Bu. Barley.	
000	000 Bu. Rye.	
000	000 Bu. Buckwheat.	
000	000 Bu. Flaxseed.	
000	000 Bu. Rice.	
420,000	425,000 Bu. White Potatoes.	
000	000 Bu. Sweet Potatoes.	
550,000	480,000 Tons Tame Hay.	
18,000	13,000 Tons Wild Hay.	
000	000 Lbs. Tobacco.	
21,000	51,000 Bales Cotton.	
152,000	72,000 Bu. Beans.	
1,980,600	1,624,100 Bu. Katirs.	
135,000	152,000 Bu. Apples.	
60,600	58,000 Bu. Peaches.	
21,300	19,000 Bu. Pears.	
5,831,000	5,656,000 Lbs. Wool.	

ARKANSAS

Has 214,678 Farms.
Average 81.8 Acres.

1,371,768 Farm Population.		
1916.	LIVE STOCK.	1917.
402,000	Dairy Cows.	402,000
523,000	Other Cattle.	550,000
1,589,000	Swine.	1,575,000
124,000	Sheep.	124,000
50,938	Goats.	58,000
270,000	Horses.	275,000
240,000	Mules.	250,000
3,000	Jack Stock.	3,100
1918.	LIVE STOCK.	1919.
425,000	Dairy Cows.	443,000
638,000	Other Cattle.	678,000
1,643,000	Swine.	1,725,000
149,000	Sheep.	147,000
275,000	Horses.	267,000
263,000	Mules.	315,000
1915	1916	CROPS.
2,750,000	2,040,000 Bu. Wheat.	
62,100,000	45,135,000 Bu. Corn.	
10,125,000	7,350,000 Bu. Oats.	
10,000	10,000 Bu. Rye.	
4,840,000	6,312,000 Bu. Rice.	
2,520,000	1,625,000 Bu. White Potatoes.	
3,900,000	3,185,000 Bu. Sweet Potatoes.	
560,000	469,000 Tons Tame Hay.	
127,000	92,000 Tons Wild Hay.	
816,602	1,145,000 Bales Cotton.	
300,000	250,000 Pounds Tobacco.	
1,183,000	1,018,000 Barrels Apples.	
5,940,000	2,520,000 Bu. Peaches.	
135,000	68,000 Bu. Pears.	
385,000	350,000 Lbs. Wool.	
1917	1918	CROPS.
3,360,000	3,048,000 Bu. Wheat.	
67,200,000	35,100,000 Bu. Corn.	
9,520,000	11,271,000 Bu. Oats.	
000	000 Bu. Barley.	
27,000	21,000 Bu. Rye.	
000	000 Bu. Buckwheat.	
000	000 Bu. Flaxseed.	
5,994,000	7,310,000 Bu. Rice.	
3,680,000	2,400,000 Bu. White Potatoes.	
4,400,000	3,430,000 Bu. Sweet Potatoes.	
573,000	524,000 Tons Tame Hay.	
99,000	71,000 Tons Wild Hay.	
210,000	210,000 Lbs. Tobacco.	
895,000	935,000 Bales Cotton.	
1,110,000	546,000 Bu. Peanuts.	
2,683,000	1,314,000 Bu. Apples.	
630,000	546,000 Bu. Peanuts.	
102,000	64,000 Bu. Pears.	
350,000	402,000 Lbs. Wool.	

CALIFORNIA

Has 88,197 Farms.
Average 316.7 Acres.

907,810

Farm Population.

1916.	LIVE STOCK.	1917.
568,000	Dairy Cows.	591,000
1,554,000	Other Cattle.	1,636,000
947,000	Swine.	994,000
2,450,000	Sheep.	2,524,000
120,829	Goats.	138,000
493,000	Horses.	468,000
70,000	Mules.	70,000
2,500	Jack Stock.	2,600
1918.	LIVE STOCK.	1919.
597,000	Dairy Cattle.	561,000
1,701,000	Other Cattle.	1,650,000
974,000	Swine.	1,003,000
2,776,000	Sheep.	2,943,000
468,000	Horses.	435,000
66,000	Mules.	63,000
1915	1916	CROPS.
7,040,000	5,600,000	Bu. Wheat.
2,624,000	2,048,000	Bu. Corn.
6,963,000	6,500,000	Bu. Oats.
39,440,000	32,320,000	Bu. Barley.
112,000	104,000	Bu. Rye.
2,268,000	4,543,000	Bu. Rice.
10,140,000	10,575,000	Bu. White Potatoes.
810,000	960,000	Bu. Sweet Potatoes.
4,520,000	4,375,000	Tons Tame Hay.
280,000	240,000	Tons Wild Hay.
28,551	60,000	Bales Cotton.
1,238,000	1,439,000	Tons Sugar Beets.
3,825,000	4,175,000	Bu. Beans.
1,563,000	1,918,000	Barrels Apples.
9,768,000	8,769,000	Bu. Peaches.
1,650,000	1,784,000	Bu. Pears.
.....	600,000	Lbs. Hemp.
11,590,000	11,600,000	Lbs. Wool.
1917	1918	CROPS.
7,425,000	7,590,000	Bu. Wheat.
2,400,000	2,975,000	Bu. Corn.
6,860,000	5,600,000	Bu. Oats.
39,150,000	34,320,000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
5,600,000	7,011,000	Bu. Rice.
15,525,000	12,870,000	Bu. White Potatoes.
1,002,000	1,020,000	Bu. Sweet Potatoes.
4,560,000	2,970,000	Tons Tame Hay.
259,000	173,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
67,000	100,000	Bales Cotton.
1,318,000	843,700	Tons Sugar Beets.
8,035,000	8,880,000	Bu. Beans.
15,708,000	12,500,000	Lbs. Hops.
5,592,000	5,577,000	Bu. Apples.
14,151,000	11,570,000	Bu. Peaches.
3,523,000	1,890,000	Bu. Pears.
8,632,000	14,322,000	Boxes Oranges.
12,180,000	12,545,000	Lbs. Wool.

COLORADO

Has 46,170 Farms.
Average 293.1 Acres.

394,181

Farm Population.

1916.	LIVE STOCK.	1917.
219,000	Dairy Cows.	237,000
1,096,000	Other Cattle.	1,150,000
320,000	Swine.	352,000
1,839,000	Sheep.	1,950,000
30,644	Goats.	33,000
361,000	Horses.	365,000
19,000	Mules.	20,000
3,200	Jack Stock.	3,300
1918.	LIVE STOCK.	1919.
257,000	Dairy Cows.	264,000
1,274,000	Other Cattle.	1,361,000
356,000	Swine.	406,000
2,086,000	Sheep.	2,300,000
399,000	Horses.	419,000
26,000	Mules.	31,000
1915	1916	CROPS.
13,310,000	11,885,000	Bu. Wheat.
11,280,000	7,362,000	Bu. Corn.
11,700,000	9,570,000	Bu. Oats.
4,680,000	5,120,000	Bu. Barley.
525,000	392,000	Bu. Rye.
9,900	6,000	Bu. Flaxseed.
7,155,000	6,900,000	Bu. White Potatoes.
2,131,000	1,983,000	Tons Tame Hay.
515,000	423,000	Tons Wild Hay.

1,820,000	2,015,000	Tons Sugar Beets.
693,000	735,000	Barrels Apples.
650,000	405,000	Bu. Peaches.
99,000	99,000	Bu. Pears.
340,000	424,000	Bu. Beans.
151,708	100,710	Bu. Onions.
39,700	32,200	Tons Cabbage.
400	400	Acres Celery.
000	16,300	Lbs. Hemp.
7,800,000	8,100,000	Lbs. Wool.
1917	1918	CROPS.
13,536,000	13,335,000	Bu. Wheat.
10,640,000	11,067,000	Bu. Corn.
11,130,000	9,669,000	Bu. Oats.
5,544,000	4,928,000	Bu. Barley.
432,000	324,000	Bu. Rye.
000	000	Bu. Buckwheat.
14,000	000	Bu. Flaxseed.
000	000	Bu. Rice.
9,310,000	11,376,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
2,376,000	2,045,000	Tons Tame Hay.
460,000	424,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
1,853,200	1,412,200	Tons Sugar Beets.
1,461,000	1,638,000	Bu. Beans.
1,320,000	1,748,000	Bu. Kafirs.
4,650	5,200	Tons Broom Corn.
59,400	49,720	Tons Cabbage.
2,610,000	1,845,000	Bu. Apples.
1,200,000	754,000	Bu. Peaches.
320,000	194,000	Bu. Pears.
8,820,000	9,261,000	Lbs. Wool.

CONNECTICUT

Has 26,815 Farms.
Average 81.5 Acres.

114,917

Farm Population.

1916.	LIVE STOCK.	1917.
119,000	Dairy Cows.	121,000
72,000	Other Cattle.	73,000
59,000	Swine.	58,000
18,000	Sheep.	18,000
485	Goats.	500
46,000	Horses.	46,000
1918.	LIVE STOCK.	1919.
116,000	Dairy Cows.	114,000
78,000	Other Cattle.	75,000
64,000	Swine.	83,000
20,000	Sheep.	24,000
45,000	Horses.	44,000
1915	1916	CROPS.
3,250,000	2,700,000	Bu. Corn.
422,000	450,000	Bu. Oats.
150,000	137,000	Bu. Rye.
60,000	57,000	Bu. Buckwheat.
2,280,000	2,090,000	Bu. White Potatoes.
493,000	574,000	Tons Tame Hay.
12,000	15,000	Tons Wild Hay.
29,970,000	36,186,000	Pounds Tobacco.
511,000	610,000	Barrels Apples.
335,000	136,000	Bu. Peaches.
36,000	46,000	Bu. Pears.
80,000	75,000	Lbs. Wool.
1917	1918	CROPS.
000	000	Bu. Wheat.
4,485,000	2,800,000	Bu. Corn.
660,000	912,000	Bu. Oats.
000	000	Bu. Barley.
144,000	212,000	Bu. Rye.
52,000	152,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
3,190,000	2,470,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
525,000	524,000	Tons Tame Hay.
15,000	14,000	Tons Wild Hay.
20,540,000	37,500,000	Lbs. Tobacco.
000	000	Bales Cotton.
1,316,000	1,184,000	Bu. Apples.
268,000	15,000	Bu. Peaches.
29,000	31,000	Bu. Pears.
75,000	76,000	Lbs. Wool.

DELAWARE

Has 10,836 Farms.
Average 95.9 Acres.

105,237

Farm Population.

1916.	LIVE STOCK.	1917.
42,000	Dairy Cows.	43,000
21,000	Other Cattle.	21,000
61,000	Swine.	60,000

8,000	Sheep.	8,000
36,000	Horses.	36,000
6,000	Mules.	6,000
1918.	LIVE STOCK.	1919.
43,000	Dairy Cows.	46,000
23,000	Other Cattle.	23,000
64,000	Swine.	71,000
10,000	Sheep.	10,000
36,000	Horses.	35,000
6,000	Mules.	6,000
1915	1916 CROPS.	
1,875,000	1,860,000 Bu. Wheat.	
6,613,000	6,970,000 Bu. Corn.	
134,000	120,000 Bu. Oats.	
16,000	15,000 Bu. Rye.	
56,000	57,000 Bu. Buckwheat.	
1,045,000	900,000 Bu. White Potatoes.	
675,000	625,000 Bu. Sweet Potatoes.	
34,000	116,000 Tons Tame Hay.	
12,000	13,000 Tons Wild Hay.	
122,000	83,000 Barrels Apples.	
842,000	35,000 Bu. Peaches.	
223,000	164,000 Bu. Pears.	
30,000	30,000 Lbs. Wool.	
1917	1918 CROPS.	
2,162,000	1,729,000 Bu. Wheat.	
7,820,000	7,285,000 Bu. Corn.	
128,000	175,000 Bu. Oats.	
000	000 Bu. Barley.	
16,000	14,000 Bu. Rye.	
60,000	82,000 Bu. Buckwheat.	
000	000 Bu. Flaxseed.	
000	000 Bu. Rice.	
1,385,000	957,000 Bu. White Potatoes.	
560,000	600,000 Bu. Sweet Potatoes.	
98,000	100,000 Tons Tame Hay.	
11,000	11,000 Tons Wild Hay.	
000	000 Lbs. Tobacco.	
000	000 Bales Cotton.	
450,000	500,000 Bu. Apples.	
617,000	284,000 Bu. Peaches.	
294,000	238,000 Bu. Pears.	
31,000	31,000 Lbs. Wool.	

FLORIDA

Has 50,016 Farms.
Average 105.6 Acres.

533,539 Farm Population.

1916.	LIVE STOCK.	1917.
136,000	Dairy Cows.	141,000
772,000	Other Cattle.	865,000
996,000	Swine.	1,100,000
119,000	Sheep.	119,000
40,521	Goats.	47,000
59,000	Horses.	60,000
29,000	Mules.	31,000
1918.	LIVE STOCK.	1919.
145,000	Dairy Cows.	149,000
891,000	Other Cattle.	936,000
1,375,000	Swine.	1,512,000
120,000	Sheep.	120,000
62,000	Horses.	62,000
33,000	Mules.	35,000
1915	1916 CROPS.	
12,000,000	12,600,000 Bu. Corn.	
1,220,000	900,000 Bu. Oats.	
12,000	18,000 Bu. Rice.	
960,000	1,110,000 Bu. White Potatoes.	
2,576,000	2,500,000 Bu. Sweet Potatoes.	
61,000	70,000 Tons Tame Hay.	
12,000	10,000 Tons Wild Hay.	
47,831	43,000 Bales Cotton.	
3,549,000	3,025,000 Pounds Tobacco.	
177,000	106,000 Bu. Peaches.	
104,000	51,000 Bu. Pears.	
330,000	345,000 Lbs. Wool.	
1917	1918 CROPS.	
000	000 Bu. Wheat.	
13,875,000	14,080,000 Bu. Corn.	
770,000	1,080,000 Bu. Oats.	
000	000 Bu. Barley.	
000	000 Bu. Rye.	
000	000 Bu. Buckwheat.	
000	000 Bu. Flaxseed.	
21,000	29,000 Bu. Rice.	
2,275,000	3,500,000 Bu. White Potatoes.	
3,500,000	3,960,000 Bu. Sweet Potatoes.	
110,000	120,000 Tons Tame Hay.	
8,000	10,000 Tons Wild Hay.	
3,410,000	4,416,000 Lbs. Tobacco.	
40,000	25,000 Bales Cotton.	
1,400,000	5,202,000 Bu. Peanuts.	
000	000 Bu. Apples.	
122,000	264,000 Bu. Peaches.	
46,000	132,000 Bu. Pears.	
4,200,000	5,265,000 Boxes Oranges.	
355,000	426,000 Lbs. Wool.	

GEORGIA

Has 291,027 Farms.
Average 92.6 Acres.

2,070,471 Farm Population.

1916.	LIVE STOCK.	1917.
414,000	Dairy Cows.	418,000
686,000	Other Cattle.	686,000
2,348,000	Swine.	2,585,000
161,000	Sheep.	150,000
79,959	Goats.	55,000
125,000	Horses.	127,000
315,000	Mules.	324,000
1918.	LIVE STOCK.	1919.
435,000	Dairy Cows.	452,000
755,000	Other Cattle.	763,000
2,766,000	Swine.	3,043,000
144,000	Sheep.	144,000
130,000	Horses.	131,000
334,000	Mules.	344,000
1915	1916 CROPS.	
3,573,000	3,808,000 Bu. Wheat.	
64,950,000	62,000,000 Bu. Corn.	
17,648,000	16,770,000 Bu. Oats.	
120,000	124,000 Bu. Rye.	
26,000	16,000 Bu. Rice.	
1,040,000	900,000 Bu. White Potatoes.	
8,075,000	7,520,000 Bu. Sweet Potatoes.	
345,000	375,000 Tons Tame Hay.	
17,000	18,000 Tons Wild Hay.	
1,496,000	1,534,000 Pounds Tobacco.	
1,900,000	1,845,000 Bales Cotton.	
625,000	541,000 Barrels Apples.	
5,330,000	3,510,000 Bu. Peaches.	
203,000	135,000 Bu. Pears.	
460,000	495,000 Lbs. Wool.	
1917	1918 CROPS.	
2,074,000	3,631,000 Bu. Wheat.	
72,000,000	68,850,000 Bu. Corn.	
10,400,000	12,000,000 Bu. Oats.	
000	000 Bu. Barley.	
128,000	176,000 Bu. Rye.	
000	000 Bu. Buckwheat.	
000	000 Bu. Flaxseed.	
27,000	31,000 Bu. Rice.	
1,596,000	1,610,000 Bu. White Potatoes.	
11,625,000	11,960,000 Bu. Sweet Potatoes.	
562,000	615,000 Tons Tame Hay.	
14,000	12,000 Tons Wild Hay.	
1,600,000	2,668,000 Lbs. Tobacco.	
1,820,000	2,100,000 Bales Cotton.	
9,435,000	10,135,000 Bu. Peanuts.	
1,754,000	1,766,000 Bu. Apples.	
4,716,000	6,746,000 Bu. Peaches.	
140,000	188,000 Bu. Pears.	
455,000	478,000 Lbs. Wool.	

IDAHO

Has 30,807 Farms.
Average 171.5 Acres.

235,696 Farm Population.

1916.	LIVE STOCK.	1917.
126,000	Dairy Cows.	130,000
406,000	Other Cattle.	418,000
314,000	Swine.	292,000
3,102,000	Sheep.	3,195,000
5,797	Goats.	6,000
241,000	Horses.	239,000
4,000	Mules.	4,000
1918.	LIVE STOCK.	1919.
139,000	Dairy Cows.	139,000
488,000	Other Cattle.	537,000
219,000	Swine.	208,000
3,202,000	Sheep.	3,224,000
258,000	Horses.	276,000
4,000	Mules.	4,000
1915	1916 CROPS.	
18,730,000	15,071,000 Bu. Wheat.	
770,000	735,000 Bu. Corn.	
15,745,000	13,330,000 Bu. Oats.	
7,736,000	7,410,000 Bu. Barley.	
60,000	31,000 Bu. Rye.	
3,590,000	4,050,000 Bu. White Potatoes.	
1,828,000	1,812,000 Tons Tame Hay.	
157,000	134,000 Tons Wild Hay.	
375,000	427,000 Tons Sugar Beets.	
573,000	117,000 Barrels Apples.	
162,000	23,000 Bu. Peaches.	
75,000	50,000 Bu. Pears.	
15,285,000	15,000,000 Lbs. Wool.	
1917	1918 CROPS.	
13,830,000	18,043,000 Bu. Wheat.	
682,000	900,000 Bu. Corn.	
10,450,000	9,480,000 Bu. Oats.	

5,510,000	4,900,000	Bu. Barley.
31,000	60,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
6,084,000	5,220,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
2,175,000	1,934,000	Tons Tame Hay.
162,000	000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
329,800	336,000	Tons Sugar Beets.
90,000	78,000	Bu. Clover Seed.
3,882,000	582,000	Bu. Apples.
165,000	80,000	Bu. Peaches.
70,000	60,000	Bu. Pears.
17,500,000	19,500,000	Lbs. Wool.

ILLINOIS

Has 251,872 Farms.
Average 129.1 Acres.

1916. LIVE STOCK.		1917.
1,047,000	Dairy Cows.	1,057,000
1,239,000	Other Cattle.	1,251,000
4,489,000	Swine.	4,444,000
907,000	Sheep.	898,000
12,000	Goats.	13,000
1,452,000	Horses.	1,452,000
152,000	Mules.	150,000
2,800	Jack Stock.	3,000
1918. LIVE STOCK.		1919.
1,057,600	Dairy Cows.	1,060,000
1,314,000	Other Cattle.	1,367,000
5,111,000	Swine.	5,724,000
988,000	Sheep.	1,028,000
1,467,000	Horses.	1,467,000
150,000	Mules.	147,100

1915 1916 CROPS.

53,200,000	16,225,000	Bu. Wheat.
376,164,400	396,800,000	Bu. Corn.
195,435,000	172,095,000	Bu. Oats.
1,836,000	1,920,000	Bu. Barley.
906,000	666,000	Bu. Rye.
68,000	68,000	Bu. Buckwheat.
595,000	525,000	Pounds Tobacco.
13,860,000	7,250,000	Bu. White Potatoes.
880,000	720,000	Bu. Sweet Potatoes.
3,696,000	4,495,000	Tons Tame Hay.
124,000	156,000	Tons Wild Hay.
4,716,000	1,616,000	Barrels Apples.
874,000	810,000	Bu. Peaches.
496,000	354,000	Bu. Pears.
3,975,000	3,855,000	Lbs. Wool.

1917 1918 CROPS.

30,400,000	60,991,000	Bu. Wheat.
418,000,000	351,450,000	Bu. Corn.
244,400,300	198,352,000	Bu. Oats.
2,475,000	9,000,000	Bu. Barley.
752,000	3,800,000	Bu. Rye.
76,000	71,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
13,500,000	11,520,000	Bu. White Potatoes.
776,000	656,000	Bu. Sweet Potatoes.
3,438,000	4,552,000	Tons Tame Hay.
104,000	131,000	Tons Wild Hay.
560,000	532,000	Lbs. Tobacco.
8,250	9,000	Tons Broom Corn.
115,000	298,200	Bu. Clover Seed.
7,500,000	3,213,000	Bu. Apples.
364,000	78,000	Bu. Peaches.
456,000	302,000	Bu. Pears.
3,885,000	4,018,000	Lbs. Wool.

INDIANA

Has 215,485 Farms.
Average 98.8 Acres.

1916. LIVE STOCK.		1917.
672,000	Dairy Cows.	706,000
728,000	Other Cattle.	735,000
4,167,000	Swine.	3,970,000
1,058,000	Sheep.	1,005,000
7,000	Goats.	7,000
854,000	Horses.	845,000
95,000	Mules.	95,000
1,616	Jack Stock.	1,700
1918. LIVE STOCK.		1919.
713,000	Dairy Cows.	713,000
757,000	Other Cattle.	780,000
4,168,000	Swine.	4,668,000
998,000	Sheep.	1,098,000
827,000	Horses.	829,000
95,000	Mules.	94,000

1915	1916	CROPS.
47,300,000	19,440,000	Bu. Wheat.
190,950,000	174,653,000	Bu. Corn.
65,520,000	52,500,000	Bu. Oats.
224,000	405,000	Bu. Barley.
2,400,000	2,590,000	Bu. Rye.
70,000	144,000	Bu. Buckwheat.
7,125,000	3,256,000	Bu. White Potatoes.
208,000	300,000	Bu. Sweet Potatoes.
3,030,000	3,312,000	Tons Tame Hay.
78,000	91,000	Tons Wild Hay.
11,340,000	13,764,000	Pounds Tobacco.
3,883,000	1,307,000	Barrels Apples.
648,000	833,000	Bu. Peaches.
410,000	351,000	Bu. Pears.
564,880	744,896	Bu. Onions.
6,500	3,900	Tons Cabbage.
4,690,000	4,420,000	Lbs. Wool.

1917	1918	CROPS.
33,392,000	49,427,000	Bu. Wheat.
203,436,000	169,534,000	Bu. Corn.
76,440,000	85,050,000	Bu. Oats.
1,068,000	1,665,000	Bu. Barley.
3,000,000	6,765,000	Bu. Rye.
150,000	360,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
8,464,000	7,760,000	Bu. White Potatoes.
318,000	324,000	Bu. Sweet Potatoes.
3,004,000	3,204,000	Tons Tame Hay.
83,000	72,000	Tons Wild Hay.
14,060,000	15,159,000	Lbs. Tobacco.
60,000	000	Bu. Beans.
12,350	11,220	Tons Cabbage.
202,000	176,000	Bu. Clover Seed.
5,915,000	2,070,000	Bu. Apples.
592,000	92,000	Bu. Peaches.
410,000	280,000	Bu. Pears.
4,332,000	4,765,000	Lbs. Wool.

IOWA

Has 217,044 Farms.
Average 156.3 Acres.

1916. LIVE STOCK.		1917.
1,391,000	Dairy Cows.	1,405,000
2,737,000	Other Cattle.	2,754,000
9,069,000	Swine.	9,370,000
1,274,000	Sheep.	1,240,000
20,500	Goats.	21,000
1,584,000	Horses.	1,552,000
61,000	Mules.	62,000
1,700	Jack Stock.	1,700
1918. LIVE STOCK.		1919.
1,405,000	Dairy Cows.	1,381,000
2,919,000	Other Cattle.	2,861,000
10,307,000	Swine.	10,925,000
1,224,000	Sheep.	1,322,000
1,583,000	Horses.	1,567,000
69,000	Mules.	68,000

1915	1916	CROPS.
15,557,000	10,450,000	Bu. Wheat.
303,000,000	366,825,000	Bu. Corn.
198,000,000	186,850,000	Bu. Oats.
10,943,000	8,702,000	Bu. Barley.
1,110,000	935,000	Bu. Rye.
91,000	150,000	Bu. Buckwheat.
162,000	180,000	Bu. Flaxseed.
15,540,000	4,830,000	Bu. White Potatoes.
285,000	273,000	Bu. Sweet Potatoes.
5,576,000	5,796,000	Tons Tame Hay.
1,116,000	845,000	Tons Wild Hay.
3,220,000	1,575,000	Barrels Apples.
112,000	64,000	Bu. Peaches.
106,000	63,000	Bu. Pears.
210,800	162,155	Bu. Onions.
28,100	10,800	Tons Cabbage.
5,325,000	4,875,000	Lbs. Wool.

1917	1918	CROPS.
8,350,000	19,659,000	Bu. Wheat.
410,700,000	375,624,000	Bu. Corn.
246,750,000	229,572,000	Bu. Oats.
10,500,000	11,340,000	Bu. Barley.
900,000	1,026,000	Bu. Rye.
132,000	240,000	Bu. Buckwheat.
132,000	143,000	Bu. Flaxseed.
000	000	Bu. Rice.
13,100,000	9,648,000	Bu. White Potatoes.
270,000	279,000	Bu. Sweet Potatoes.
3,887,000	4,286,000	Tons Tame Hay.
738,000	738,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
42,000	000	Bu. Beans.
7,200	11,760	Tons Cabbage.
30,000	22,000	Bu. Clover Seed.

5,775,000	1,620,000 Bu. Apples.
30,000	000 Bu. Peaches.
82,000	32,000 Bu. Pears.
4,500,000	4,815,000 Lbs. Wool.

KANSAS

Has 177,841 Farms.
Average 244.0 Acres.

1916. LIVE STOCK.		1917.
762,000	Dairy Cows.	900,000
1,945,000	Other Cattle.	2,115,000
3,815,000	Swine.	2,535,000
341,000	Sheep.	348,000
8,800	Goats.	9,000
1,109,000	Horses.	1,120,000
245,000	Mules.	265,000
5,400	Mules.	5,500
1918. LIVE STOCK.		1919.
945,000	Dairy Cows.	964,000
2,354,000	Other Cattle.	2,401,000
2,566,000	Swine.	2,381,000
418,000	Sheep.	460,000
1,142,000	Horses.	1,153,000
280,000	Mules.	260,000

1915	1916	CROPS.
106,538,000	98,022,000	Bu. Wheat.
172,050,000	69,500,000	Bu. Corn.
43,725,000	36,425,000	Bu. Oats.
8,370,000	4,800,000	Bu. Barley.
800,000	667,000	Bu. Rye.
14,000	.....	Bu. Buckwheat.
205,000	174,000	Bu. Flaxseed.
5,893,000	4,970,000	Bu. White Potatoes.
440,000	368,000	Bu. Sweet Potatoes.
4,062,000	2,601,000	Tons Tame Hay.
2,240,000	1,650,000	Tons Wild Hay.
2,125,000	1,040,000	Barrels Apples.
2,516,000	172,000	Bu. Peaches.
133,000	77,000	Bu. Pears.
1,240,000	1,320,000	Lbs. Wool.
1917	1918	CROPS.
45,934,000	102,008,000	Bu. Wheat.
128,184,000	43,523,000	Bu. Corn.
70,804,000	51,238,000	Bu. Oats.
7,500,000	6,640,000	Bu. Barley.
1,140,000	2,431,000	Bu. Rye.
000	000	Bu. Buckwheat.
238,000	205,000	Bu. Flaxseed.
000	000	Bu. Rice.
4,446,000	4,240,000	Bu. White Potatoes.
368,000	320,000	Bu. Sweet Potatoes.
2,217,000	2,617,000	Tons Tame Hay.
1,044,000	848,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
31,890,000	20,107,000	Bu. Kafir.
12,000	8,000	Tons Broom Corn.
11,000	8,000	Bu. Clover Seed.
5,176,000	2,139,000	Bu. Apples.
121,000	000	Bu. Peaches.
140,000	38,000	Bu. Pears.
1,450,000	1,624,000	Lbs. Wool.

KENTUCKY

Has 259,185 Farms.
Average 85.6 Acres.

1,734,463 Farm Population.		1917.
1916. LIVE STOCK.	1917.	
406,000	Dairy Cows.	418,000
570,000	Other Cattle.	570,000
1,709,000	Swine.	1,589,000
1,555,000	Sheep.	1,155,000
29,000	Goats.	30,000
434,000	Horses.	434,000
229,000	Mules.	224,000
4,600	Jack Stock.	4,700
1918. LIVE STOCK.	1919.	
435,000	Dairy Cows.	441,000
581,000	Other Cattle.	599,000
1,716,000	Swine.	1,748,000
1,270,000	Sheep.	1,274,000
443,000	Horses.	430,000
224,000	Mules.	231,000
1915	1916	CROPS.
9,900,000	8,010,000	Bu. Wheat.
114,000,000	95,200,000	Bu. Corn.
5,480,000	6,300,000	Bu. Oats.
180,000	156,000	Bu. Barley.
288,000	246,000	Bu. Rye.
6,426,000	4,116,000	Bu. White Potatoes.
1,050,000	900,000	Bu. Sweet Potatoes.
1,225,000	1,415,000	Tons Tame Hay.

1917	1918	CROPS.
9,000,000	12,120,000	Bu. Wheat.
122,850,000	93,600,000	Bu. Corn.
8,060,000	9,600,000	Bu. Oats.
140,000	196,000	Bu. Barley.
375,000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
6,720,000	5,625,000	Bu. White Potatoes.
1,140,000	1,235,000	Bu. Sweet Potatoes.
1,268,000	1,391,000	Tons Tame Hay.
8,000	5,000	Tons Wild Hay.
426,600,000	427,500,000	Lbs. Tobacco.
000	000	Bales Cotton.
46,000	34,000	Bu. Clover Seed.
7,140,000	3,780,000	Bu. Apples.
1,034,000	110,000	Bu. Peaches.
204,000	140,000	Bu. Pears.
2,969,000	3,058,000	Lbs. Wool.

LOUISIANA

Has 120,546 Farms.
Average 86.6 Acres.

1,159,872 Farm Population.		1917.
1916. LIVE STOCK.	1917.	
271,000	Dairy Cows.	274,000
475,000	Other Cattle.	475,000
1,553,000	Swine.	1,584,000
185,000	Sheep.	240,000
57,000	Goats.	58,000
193,000	Horses.	195,000
132,000	Mules.	139,000
1918. LIVE STOCK.	1919.	
324,000	Dairy Cows.	363,000
578,000	Other Cattle.	690,000
1,568,000	Swine.	1,599,000
209,000	Sheep.	230,000
207,000	Horses.	213,000
156,000	Mules.	164,000
1915	1916	CROPS.
45,100,000	44,814,000	Bu. Corn.
3,000,000	2,090,000	Bu. Oats.
13,714,000	20,392,000	Bu. Rice.
1,428,000	1,625,000	Bu. White Potatoes.
5,980,000	5,760,000	Bu. Sweet Potatoes.
438,000	429,000	Tons Tame Hay.
35,000	42,000	Tons Wild Hay.
341,063	440,000	Bales Cotton.
126,000	90,000	Pounds Tobacco.
456,000	560,000	Bu. Peaches.
55,000	49,000	Bu. Pears.
2,000,000	4,172,000	Tons Sugar Cane.
536,000	590,000	Lbs. Wool.
1917	1918	CROPS.
000	000	Bu. Wheat.
42,246,000	29,600,000	Bu. Corn.
1,873,000	2,000,000	Bu. Oats.
000	000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
18,250,000	17,980,000	Bu. Rice.
1,600,000	4,345,000	Bu. White Potatoes.
4,898,000	4,875,000	Bu. Sweet Potatoes.
416,000	260,000	Tons Tame Hay.
39,000	30,000	Tons Wild Hay.
210,000	126,000	Lbs. Tobacco.
615,000	525,000	Bales Cotton.
120,000	108,000	Bu. Peanuts.
000	000	Bu. Apples.
478,000	615,000	Bu. Peaches.
52,000	52,000	Bu. Pears.
560,000	594,000	Lbs. Wool.

MAINE

Has 60,016 Farms.
Average 104.9 Acres.

360,928 Farm Population.		1917.
1916. LIVE STOCK.	1917.	
159,000	Dairy Cows.	162,000
104,000	Other Cattle.	110,000
102,000	Swine.	100,000
162,000	Sheep.	167,000
112,000	Horses.	109,000
1918. LIVE STOCK.	1919.	
170,000	Dairy Cows.	175,000

127,000	Other Cattle.	142,000
100,000	Swine.	110,000
163,000	Sheep.	173,000
109,000	Horses.	107,000
1915	1916	CROPS.
112,000	135,000	Bu. Wheat.
656,000	645,000	Bu. Corn.
6,080,000	6,120,000	Bu. Oats.
132,000	156,000	Bu. Barley.
338,000	336,000	Bu. Buckwheat.
22,010,000	25,500,000	Bu. White Potatoes.
1,397,000	1,740,000	Tons Tame Hay.
23,000	27,000	Tons Wild Hay.
720,000	1,680,000	Barrels Apples.
30,000	38,000	Bu. Pears.
850,000	850,000	Lbs. Wool.
1917	1918	CROPS.
154,000	506,000	Bu. Wheat.
780,000	1,125,000	Bu. Corn.
4,930,000	6,760,000	Bu. Oats.
147,000	300,000	Bu. Barley.
000	000	Bu. Rye.
322,000	420,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
20,250,000	22,400,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,566,000	1,375,000	Tons Tame Hay.
21,000	21,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
330,000	000	Bu. Beans.
4,617,000	2,287,000	Bu. Apples.
000	000	Bu. Peaches.
24,000	20,000	Bu. Pears.
833,000	883,000	Lbs. Wool.

MARYLAND

Has 48,923 Farms.		
Average 103.4 Acres.		
637,154 Farm Population.		
1916.	LIVE STOCK.	1917.
181,000	Dairy Cows.	183,000
125,000	Other Cattle.	125,000
359,000	Swine.	359,000
223,000	Sheep.	223,000
2,000	Goats.	2,000
169,000	Horses.	169,000
25,000	Mules.	25,000
1918.	LIVE STOCK.	1919.
181,000	Dairy Cows.	177,000
134,000	Other Cattle.	135,000
388,000	Swine.	434,000
234,000	Sheep.	246,000
171,000	Horses.	171,000
25,000	Mules.	25,000

1915	1916	CROPS.
10,272,000	10,240,000	Bu. Wheat.
24,850,000	27,300,000	Bu. Corn.
1,530,000	1,357,000	Bu. Oats.
170,000	192,000	Bu. Barley.
396,000	356,000	Bu. Rye.
220,000	189,000	Bu. Buckwheat.
4,268,000	4,085,000	Bu. White Potatoes.
1,010,000	1,134,000	Bu. Sweet Potatoes.
468,000	688,000	Tons Tame Hay.
4,000	6,000	Tons Wild Hay.
16,280,000	19,635,000	Pounds Tobacco.
800,000	843,000	Barrels Apples.
1,243,000	610,000	Bu. Peaches.
483,000	375,000	Bu. Pears.
750,000	750,000	Lbs. Wool.
1917	1918	CROPS.
11,475,000	11,346,000	Bu. Wheat.
23,080,000	24,010,000	Bu. Corn.
1,457,000	1,980,000	Bu. Oats.
156,000	186,000	Bu. Barley.
384,000	450,000	Bu. Rye.
220,000	280,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
6,000,000	4,000,000	Bu. White Potatoes.
1,180,000	1,430,000	Bu. Sweet Potatoes.
552,000	639,000	Tons Tame Hay.
6,000	6,000	Tons Wild Hay.
22,594,000	23,738,000	Lbs. Tobacco.
000	000	Bales Cotton.
2,525,000	2,365,000	Bu. Apples.
975,000	600,000	Bu. Peaches.
525,000	465,000	Bu. Pears.
758,000	773,000	Lbs. Wool.

MASSACHUSETTS

Has 36,917 Farms.		
Average 79.9 Acres.		
241,049 Farm Population.		
1916.	LIVE STOCK.	1917.
155,000	Dairy Cows.	160,000
35,000	Other Cattle.	38,000
112,000	Swine.	112,000
28,000	Sheep.	25,000
1,200	Goats.	1,200
63,000	Horses.	59,000
1918.	LIVE STOCK.	1919.
154,000	Dairy Cows.	165,000
97,000	Other Cattle.	100,000
113,000	Swine.	147,000
28,000	Sheep.	28,000
57,900	Horses.	54,000
1915	1916	CROPS.
2,804,000	1,764,000	Bu. Corn.
324,000	489,000	Bu. Oats.
60,000	56,000	Bu. Rye.
32,000	32,000	Bu. Buckwheat.
3,120,000	2,275,000	Bu. White Potatoes.
1,357,358	1,292,000	Bu. Onions.
705,000	749,000	Tons Tame Hay.
25,000	24,000	Tons Wild Hay.
9,680,000	12,118,000	Pounds Tobacco.
885,000	221,000	Barrels Cranberries.
152,000	1,150,000	Barrels Apples.
75,000	66,000	Bu. Peaches.
115,000	114,000	Bu. Pears.
1917	1918	CROPS.
000	000	Bu. Wheat.
2,806,000	2,080,000	Bu. Corn.
444,000	480,000	Bu. Oats.
000	000	Bu. Barley.
57,000	80,000	Bu. Rye.
30,000	32,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
4,370,000	4,788,000	Bu. White Potatoes.
690,000	000	Bu. Sweet Potatoes.
24,000	563,000	Tons Tame Hay.
11,833,000	21,000	Tons Wild Hay.
000	15,000,000	Lbs. Tobacco.
40,000	000	Bales Cotton.
2,186,000	000	Bu. Beans.
145,000	2,446,000	Bu. Apples.
71,000	9,000	Bu. Peaches.
90,000	77,000	Bu. Pears.
119,000	260,000	Bbls. Cranberries.
	119,000	Lbs. Wool.

MICHIGAN

Has 206,960 Farms.		
Average 91.5 Acres.		
1,483,129 Farm Population.		
1916.	LIVE STOCK.	1917.
847,000	Dairy Cows.	856,000
735,000	Other Cattle.	720,000
1,462,000	Swine.	1,345,000
1,931,000	Sheep.	1,834,000
5,800	Goats.	6,000
680,000	Horses.	680,000
4,000	Mules.	4,000
1918.	LIVE STOCK.	1919.
874,000	Dairy Cows.	848,000
752,000	Other Cattle.	729,000
1,372,000	Swine.	1,355,000
1,926,000	Sheep.	2,119,000
630,000	Horses.	666,000
4,000	Mules.	4,000
1915	1916	CROPS.
20,448,000	13,600,000	Bu. Wheat.
56,000,000	45,375,000	Bu. Corn.
64,260,000	42,600,000	Bu. Oats.
2,508,000	2,450,000	Bu. Barley.
6,045,000	4,618,000	Bu. Rye.
870,000	825,000	Bu. Buckwheat.
20,945,000	15,360,000	Bu. White Potatoes.
41,400	17,400	Tons Cabbage.
223,920	204,820	Bu. Onions.
3,458,000	4,372,000	Tons Tame Hay.
39,000	51,000	Tons Wild Hay.
1,071,000	604,000	Tons Sugar Beets.
4,250,000	3,102,000	Bu. Beans.
3,150,000	4,160,000	Barrels Apples.
2,360,000	2,010,000	Bu. Peaches.
550,000	836,000	Bu. Pears.
3,118	3,134	Acres Celery.
8,075,000	8,275,000	Lbs. Wool.
1917	1918	CROPS.
15,210,000	10,716,000	Bu. Wheat.

37,625,000	48,300,000	Bu. Corn.	
56,575,000	66,320,000	Bu. Oats.	
3,445,000	8,332,000	Bu. Barley.	
8,115,000	6,752,000	Bu. Rye.	
675,000	785,000	Bu. Buckwheat.	
000	000	Bu. Flaxseed.	
000	000	Bu. Rice.	
35,910,000	28,560,000	Bu. White Potatoes.	
000	000	Bu. Sweet Potatoes.	
3,837,000	2,676,000	Tons Tame Hay.	
45,000	40,000	Tons Wild Hay.	
000	000	Lbs. Tobacco.	
000	000	Bales Cotton.	
596,000	873,000	Tons Sugar Beets.	
3,515,000	4,887,000	Bu. Beans.	
53,500	38,130	Tons Cabbage.	
176,000	121,000	Bu. Clover Seed.	
5,160,000	10,966,000	Bu. Apples.	
744,000	248,000	Bu. Peaches.	
1,080,000	704,000	Bu. Pears.	
8,192,000	8,765,000	Lbs. Wool.	

MINNESOTA

Has 156,137 Farms.
Average 177.3 Acres.

1,225,414 Farm Population.

1916.	LIVE STOCK.	1917.
1,210,000	Dairy Cows.	1,302,000
1,232,000	Other Cattle.	1,340,000
1,716,000	Swine.	1,733,000
536,000	Sheep.	541,000
4,000	Goats.	4,000
872,000	Horses.	900,000
6,000	Mules.	6,000
1918.	LIVE STOCK.	1919.
1,328,000	Dairy Cattle.	1,368,000
1,540,000	Other Cattle.	1,632,000
2,241,000	Swine.	2,784,000
568,000	Sheep.	642,000
844,600	Horses.	950,000
6,000	Mules.	6,000

1915	1916	CROPS.	1917.
73,420,000	27,555,000	Bu. Wheat.	
62,100,000	81,420,000	Bu. Corn.	
134,375,000	88,112,000	Bu. Oats.	
41,170,000	26,125,000	Bu. Barley.	
5,850,000	5,025,000	Bu. Rye.	
122,000	150,000	Bu. Buckwheat.	
3,150,000	2,338,000	Bu. Flaxseed.	
30,210,000	16,800,000	Bu. White Potatoes.	
21,000	9,700	Tons Cabbage.	
885,125	211,768	Bu. Onions.	
3,209,000	3,496,000	Tons Tame Hay.	
2,665,000	2,888,000	Tons Wild Hay.	
412,000	422,000	Barrels Apples.	
2,660,000	2,695,000	Lbs. Wool.	
1917	1918	CROPS.	1919.
57,965,000	70,710,000	Bu. Wheat.	
90,000,000	110,000,000	Bu. Corn.	
120,250,000	134,562,000	Bu. Oats.	
37,800,000	43,400,000	Bu. Barley.	
7,585,000	8,700,000	Bu. Rye.	
154,000	255,000	Bu. Buckwheat.	
1,980,000	3,120,000	Bu. Flaxseed.	
000	000	Bu. Rice.	
33,600,000	32,760,000	Bu. White Potatoes.	
000	000	Bu. Sweet Potatoes.	
2,868,000	2,590,000	Tons Tame Hay.	
2,356,000	2,054,000	Tons Wild Hay.	
000	000	Lbs. Tobacco.	
000	000	Bales Cotton.	
23,240	17,100	Tons Cabbage.	
55,000	18,000	Bu. Clover Seed.	
1,445,000	792,000	Bu. Apples.	
000	000	Bu. Peaches.	
000	000	Bu. Pears.	
2,964,000	3,112,000	Lbs. Wool.	

MISSISSIPPI

Has 274,382 Farms.
Average 67.6 Acres.

1,589,803 Farm Population.

1916.	LIVE STOCK.	1917.
447,000	Dairy Cows.	450,000
535,000	Other Cattle.	535,000
1,617,000	Swine.	1,698,000
208,000	Sheep.	193,000
48,000	Goats.	50,000
243,000	Horses.	243,000
292,000	Mules.	292,000
1,800	Jack Stock.	1,900
1918.	LIVE STOCK.	1919.
508,000	Dairy Cows.	549,000
644,000	Other Cattle.	708,000
1,902,000	Swine.	2,382,000

174,000	Sheep.	183,000
253,000	Horses.	256,000
307,000	Mules.	316,000

1915**CROPS.**

1916	1917	CROPS.	1918
100,000	90,000	Bu. Wheat.	
69,350,000	47,600,000	Bu. Corn.	
5,375,000	5,760,000	Bu. Oats.	
45,000	53,000	Bu. Rice.	
1,170,000	780,000	Bu. White Potatoes.	
8,250,000	6,314,000	Bu. Sweet Potatoes.	
350,000	371,000	Tons Tame Hay.	
50,000	52,000	Tons Wild Hay.	
954,000	800,000	Bales Cotton.	
141,000	116,000	Barrels Apples.	
1,540,000	1,000,000	Bu. Peaches.	
160,000	90,000	Bu. Pears.	
520,000	540,000	Lbs. Wool.	

1917**1918****CROPS.**

1917	1918	CROPS.	1919.
210,000	495,000	Bu. Wheat.	
84,050,000	66,300,000	Bu. Corn.	
5,700,000	5,600,000	Bu. Oats.	
000	000	Bu. Barley.	
000	000	Bu. Rye.	
000	000	Bu. Buckwheat.	
000	000	Bu. Flaxseed.	
63,000	69,000	Bu. Rice.	
1,092,000	1,600,000	Bu. White Potatoes.	
5,525,000	8,455,000	Bu. Sweet Potatoes.	
371,000	416,000	Tons Tame Hay.	
49,000	38,000	Tons Wild Hay.	
000	000	Lbs. Tobacco.	
895,000	1,210,000	Bales Cotton.	
136,000	158,000	Bu. Peanuts.	
315,000	488,000	Bu. Apples.	
375,000	1,386,000	Bu. Peaches.	
30,000	136,000	Bu. Pears.	
491,619	619,000	Lbs. Wool.	

MISSOURI

Has 277,244 Farms.
Average 124.8 Acres.

1,894,518 Farm Population.

1916.	LIVE STOCK.	1917.
837,000	Dairy Cows.	845,000
1,555,000	Other Cattle.	1,600,000
4,505,000	Swine.	4,280,000
1,416,000	Sheep.	1,370,000
74,000	Goats.	75,000
1,084,000	Horses.	1,040,000
329,000	Mules.	350,000
12,800	Jack Stock.	14,000
1918.	LIVE STOCK.	1919.
910,000	Dairy Cows.	919,000
1,782,000	Other Cattle.	1,782,000
4,708,000	Swine.	4,943,000
1,466,000	Sheep.	1,589,000
1,040,000	Horses.	1,040,000
367,000	Mules.	374,000
1915	1916	CROPS.
34,108,000	16,575,000	Bu. Wheat.
209,450,000	132,112,000	Bu. Corn.
31,850,000	32,250,000	Bu. Oats.
125,000	100,000	Bu. Barley.
338,000	231,000	Bu. Rye.
45,000	56,000	Bu. Buckwheat.
48,000	35,000	Bu. Flaxseed.
10,000	10,000	Bu. Rice.
8,820,000	5,460,000	Bu. White Potatoes.
700,000	490,000	Bu. Sweet Potatoes.
4,636,000	4,355,000	Tons Tame Hay.
150,000	154,000	Tons Wild Hay.
47,999	62,000	Bales Cotton.
3,150,000	3,040,000	Pounds Tobacco.
6,287,000	2,700,000	Barrels Apples.
3,300,000	1,080,000	Bu. Peaches.
294,000	164,000	Bu. Pears.
4,890,000	4,625,000	Lbs. Wool.

1917**1918****CROPS.**

1917	1918	CROPS.	1919.
27,510,000	53,154,000	Bu. Wheat.	
252,000,000	133,860,000	Bu. Corn.	
59,200,000	44,196,000	Bu. Oats.	
150,000	259,000	Bu. Barley.	
441,000	476,000	Bu. Rye.	
90,000	91,000	Bu. Buckwheat.	
51,000	48,000	Bu. Flaxseed.	
18,000	25,000	Bu. Rice.	
9,488,000	6,954,000	Bu. White Potatoes.	
896,000	728,000	Bu. Sweet Potatoes.	
3,657,000	2,590,000	Tons Tame Hay.	
139,000	102,000	Tons Wild Hay.	
2,820,000	2,970,000	Lbs. Tobacco.	
51,000	70,000	Bales Cotton.	
92,000	000	Bu. Beans.	
18,000	16,000	Bu. Peanuts.	
85,000	38,000	Bu. Clover Seed.	
7,818,000	4,245,000	Bu. Apples.	

800,000	000 Bu. Peaches.
265,000	112,000 Bu. Pears.
4,810,000	5,532,000 Lbs. Wool.

MONTANA

Has 26,214 Farms.
Average 516.7 Acres.

242,633 Farm Population.

1916.	LIVE STOCK.	1917.
129,000	Dairy Cows.	148,000
891,000	Other Cattle.	983,000
298,000	Swine.	269,000
3,911,000	Sheep.	3,744,000
4,500	Goats.	5,000
430,000	Horses.	452,000
4,000	Mules.	4,000

1918.	LIVE STOCK.	1919.
179,000	Dairy Cows.	197,000
980,000	Other Cattle.	1,020,000
215,000	Swine.	200,000
3,045,000	Sheep.	2,984,000
506,000	Horses.	557,000
5,000	Mules.	5,000

1915	1916	CROPS.
33,285,000	28,655,000	Bu. Wheat.
1,960,000	1,850,000	Bu. Corn.
31,200,000	25,080,000	Bu. Oats.
2,720,000	2,600,000	Bu. Barley.
225,000	205,000	Bu. Rye.
1,890,000	3,088,000	Bu. Flaxseed.
6,045,000	4,875,000	Bu. White Potatoes.
1,550,000	1,402,000	Tons Tame Hay.
701,004	581,000	Tons Wild Hay.
347,000	256,000	Barrels Apples.
12,000	6,000	Bu. Pears.
26,950,000	24,570,000	Wool.

1917	1918	CROPS.
17,963,000	25,434,000	Bu. Wheat.
1,012,000	2,100,000	Bu. Corn.
13,600,000	20,400,000	Bu. Oats.
1,350,000	1,914,000	Bu. Barley.
114,000	240,000	Bu. Rye.
000	000	Bu. Buckwheat.
1,266,000	2,844,000	Bu. Flaxseed.
000	000	Bu. Rice.
5,415,000	7,020,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,063,000	1,227,000	Tons Tame Hay.
402,000	362,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
911,000	790,000	Bu. Apples.
000	000	Bu. Peaches.
11,000	6,000	Bu. Pears.
23,342,000	23,342,000	Lbs. Wool.

NEBRASKA

Has 129,678 Farms.
Average 297.8 Acres.

881,362 Farm Population.

1916.	LIVE STOCK.	1917.
650,000	Dairy Cows.	676,000
2,237,000	Other Cattle.	2,349,000
4,266,000	Swine.	4,309,000
374,000	Sheep.	581,000
3,000	Goats.	3,500
1,028,000	Horses.	1,018,000
98,000	Mules.	112,000
2,100	Jack Stock.	2,200

1918.	LIVE STOCK.	1919.
703,000	Dairy Cows.	662,000
2,802,000	Other Cattle.	2,940,000
4,200,000	Swine.	4,250,000
408,000	Sheep.	367,000
1,049,000	Horses.	1,040,000
118,000	Mules.	100,000

1915	1916	CROPS.
72,154,000	68,550,000	Bu. Wheat.
213,000,000	192,400,000	Bu. Corn.
70,400,000	79,875,000	Bu. Oats.
3,255,000	3,080,000	Bu. Barley.
3,500,000	3,072,000	Bu. Rye.
20,000	17,000	Bu. Buckwheat.
77,000	32,000	Bu. Flaxseed.
11,550,000	7,665,000	Bu. White Potatoes.
4,290,000	4,070,000	Tons Tame Hay.
3,480,000	3,130,000	Tons Wild Hay.
1,287,000	567,000	Barrels Apples.
120,000	29,000	Bu. Peaches.
18,000	10,000	Bu. Pears.
1,665,000	1,830,000	Lbs. Wool.

1917	1918	CROPS.
13,764,000	43,141,000	Bu. Wheat.
249,480,000	123,056,000	Bu. Corn.
115,444,000	56,188,000	Bu. Oats.
5,614,000	5,650,000	Bu. Barley.
3,354,000	5,005,000	Bu. Rye.
32,000	28,000	Bu. Buckwheat.
28,000	38,000	Bu. Flaxseed.
000	000	Bu. Rice.
12,495,000	10,406,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
2,544,000	2,381,000	Tons Tame Hay.
2,611,000	2,368,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
5,000	6,000	Bu. Clover Seed.
618,000	459,000	Bu. Apples.
000	000	Bu. Peaches.
11,000	6,000	Bu. Pears.
1,600,000	1,696,000	Lbs. Wool.

NEVADA

Has 2,689 Farms.
Average 1,009.6 Acres.

68,508 Farm Population.

1916.	LIVE STOCK.	1917.
25,000	Dairy Cows.	26,000
472,000	Other Cattle.	470,000
40,000	Swine.	37,000
1,532,000	Sheep.	1,455,000
4,800	Goats.	5,000
77,000	Horses.	73,000
3,000	Mules.	3,000

1918.	LIVE STOCK.	1919.
28,000	Dairy Cows.	20,000
517,000	Other Cattle.	533,000
37,000	Swine.	40,000
1,630,000	Sheep.	1,520,000
75,000	Horses.	75,000
3,000	Mules.	3,000

1915	1916	CROPS.
1,660,000	1,592,000	Bu. Wheat.
35,000	34,000	Bu. Corn.
585,000	602,000	Bu. Oats.
576,000	492,000	Bu. Barley.
2,236,000	2,660,000	Bu. White Potatoes.
675,000	540,000	Tons Tame Hay.
225,000	171,000	Tons Wild Hay.
40,000	16,000	Barrels Apples.
7,000	1,000	Bu. Peaches.
4,000	2,000	Bu. Pears.
9,500,000	10,000,000	Lbs. Wool.

1917	1918	CROPS.
1,140,000	1,070,000	Bu. Wheat.
60,000	64,000	Bu. Corn.
560,000	532,000	Bu. Oats.
420,000	408,000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
3,105,000	1,539,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
679,000	575,000	Tons Tame Hay.
270,000	101,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
192,000	175,000	Bu. Apples.
6,000	15,000	Bu. Peaches.
6,000	6,000	Pears.
9,000,000	10,000,000	Lbs. Wool.

NEW HAMPSHIRE

Has 27,053 Farms.
Average 120.1 Acres.

175,473 Farm Population.

1916.	LIVE STOCK.	1917.
97,000	Dairy Cows.	97,000
65,000	Other Cattle.	63,000
55,000	Swine.	53,000
37,000	Sheep.	35,000
47,000	Horses.	44,000

1918.	LIVE STOCK.	1919.
102,000	Dairy Cows.	107,000
71,000	Other Cattle.	74,000
56,000	Swine.	66,000
37,000	Sheep.	39,000
45,000	Horses.	42,000

1915	1916	CROPS.
990,000	874,000	Bu. Corn.
456,000	444,000	Bu. Oats.
30,000	28,000	Bu. Barley.
30,000	20,000	Bu. Buckwheat.

1,520,000	1,800,000	Bu. White Potatoes.
504,000	767,000	Tons Tame Hay.
17,000	23,000	Tons Wild Hay.
140,000	165,000	Pounds Tobacco.
353,000	532,000	Barrels Apples.
58,000	24,000	Bu. Peaches.
18,000	25,000	Bu. Pears.
185,000	185,000	Lbs. Wool.
1917	1918	CROPS.
000	000	Bu. Wheat.
1,092,000	1,260,000	Bu. Corn.
532,000	912,000	Bu. Oats.
31,000	32,000	Bu. Barley.
000	000	Bu. Rye.
38,000	34,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
2,247,000	2,940,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
630,000	543,000	Tons Tame Hay.
21,000	21,000	Tons Wild Hay.
167,000	000	Lbs. Tobacco.
000	000	Bales Cotton.
100,000	000	Bu. Beans.
1,035,000	1,944,000	Bu. Apples.
47,000	000	Bu. Peaches.
19,000	15,000	Bu. Pears.
183,000	192,000	Lbs. Wool.

NEW JERSEY

Has 33,487 Farms.
Average 76.9 Acres.

629,957 Farm Population.

1916.	LIVE STOCK.	1917.
152,000	Dairy Cows.	155,000
73,000	Other Cattle.	74,000
161,000	Swine.	163,000
29,000	Sheep.	29,000
92,000	Horses.	92,000
4,000	Mules.	4,000
1918.	LIVE STOCK.	1919.
152,000	Dairy Cows.	150,000
74,000	Other Cattle.	74,000
174,000	Swine.	209,000
26,000	Sheep.	29,000
90,000	Horses.	89,000
4,000	Mules.	4,000

1915 1916 CROPS.

1,560,000	1,800,000	Bu. Wheat.
10,830,000	10,800,000	Bu. Corn.
2,275,000	2,070,000	Bu. Oats.
1,420,000	1,330,000	Bu. Rye.
210,000	285,000	Bu. Buckwheat.
12,090,000	10,370,000	Bu. White Potatoes.
3,565,000	2,300,000	Bu. Sweet Potatoes.
523,000	535,000	Tons Tame Hay.
34,000	45,000	Tons Wild Hay.
184,000	165,000	Barrels Cranberries.
770,000	750,000	Barrels Apples.
1,275,000	662,000	Bu. Peaches.
596,000	687,000	Bu. Pears.
95,000	80,000	Lbs. Wool.

1917 1918 CROPS.

1,691,000	1,700,000	Bu. Wheat.
12,771,000	11,439,000	Bu. Corn.
2,482,000	3,400,000	Bu. Oats.
000	000	Bu. Barley.
1,276,000	1,350,000	Bu. Rye.
288,000	396,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
11,172,000	8,464,000	Bu. White Potatoes.
2,880,000	2,875,000	Bu. Sweet Potatoes.
508,000	490,000	Tons Tame Hay.
44,000	39,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
80,000	000	Bu. Beans.
2,041,000	2,464,000	Bu. Apples.
871,000	792,000	Bu. Peaches.
590,000	650,000	Bu. Pears.
129,000	114,000	Bbbs. Cranberries.
80,000	88,000	Lbs. Wool.

NEW MEXICO

Has 35,676 Farms.
Average 315.9 Acres.

280,730 Farm Population

1916.	LIVE STOCK.	1917.
76,000	Dairy Cows.	85,000
1,090,000	Other Cattle.	1,145,000
91,000	Swine.	101,000
3,440,000	Sheep.	3,300,000
412,000	Goats.	420,000

234,000	Horses.	250,000
17,000	Mules.	19,000
11,800	Jack Stock.	12,000
1918.	LIVE STOCK.	1919.
88,000	Dairy Cows.	84,000
1,179,000	Other Cattle.	1,325,000
86,000	Swine.	93,000
3,135,000	Sheep.	3,135,000
272,000	Horses.	261,000
19,000	Mules.	20,000
1915	1916	CROPS.
2,156,000	2,104,000	Bu. Wheat.
2,730,000	2,625,000	Bu. Corn.
2,160,000	1,856,000	Bu. Oats.
264,000	308,000	Bu. Barley.
800,000	816,000	Bu. White Potatoes.
442,000	370,000	Tons Tame Hay.
25,000	13,000	Tons Wild Hay.
368,000	425,000	Bu. Beans.
273,000	119,000	Barrels Apples.
154,000	40,000	Bu. Peaches.
64,000	36,000	Bu. Pears.
18,620,000	18,240,000	Lbs. Wool.
1917	1918	CROPS.
2,582,000	3,334,000	Bu. Wheat.
3,400,000	4,250,000	Bu. Corn.
1,350,000	1,260,000	Bu. Oats.
364,000	392,000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
1,276,000	1,000,000	Bu. White Potatoes.
236,000	250,000	Bu. Sweet Potatoes.
384,000	361,000	Tons Tame Hay.
28,000	20,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
958,000	596,000	Bu. Beans.
3,510,000	3,582,000	Bu. Apples.
657,000	683,000	Bu. Pears.
60,000	85,000	Bu. Peaches.
46,000	56,000	Bu. Pears.
18,422,000	17,132,000	Lbs. Wool.

NEW YORK

Has 215,597 Farms.
Average 102.2 Acres.

1,928,120 Farm Population.

1916.	LIVE STOCK.	1917.
1,539,000	Dairy Cows.	1,539,000
939,000	Other Cattle.	939,000
799,000	Swine.	759,000
849,000	Sheep.	840,000
3,400	Goats.	4,000
609,000	Horses.	609,000
4,000	Mules.	4,000
1918.	LIVE STOCK.	1919.
1,524,000	Dairy Cows.	1,478,000
1,005,000	Other Cattle.	911,000
842,000	Swine.	814,000
840,000	Sheep.	840,000
597,000	Horses.	578,000

1915 1916 CROPS.

9,750,000	9,030,000	Bu. Wheat.
24,200,000	16,200,000	Bu. Corn.
54,270,000	31,356,000	Bu. Oats.
2,720,000	1,887,000	Bu. Barley.
2,805,000	2,713,000	Bu. Rye.
5,320,000	3,480,000	Bu. Buckwheat.
22,016,000	22,400,000	Bu. White Potatoes.
5,000	4,404	Acres Celery.
359,000	96,000	Tons Cabbage.
3,602,137	1,292,265	Bu. Onions.
5,850,000	7,290,000	Tons Tame Hay.
55,000	104,000	Tons Wild Hay.
5,280,000	4,551,000	Pounds Tobacco.
1,250,000	720,000	Bu. Beans.
8,528,000	12,600,000	Barrels Apples.
2,106,000	1,215,000	Bu. Peaches.
1,375,000	1,675,000	Bu. Pears.
3,180,000	3,550,000	Lbs. Wool.

1917 1918 CROPS.

8,385,000	7,840,000	Bu. Wheat.
26,010,000	29,520,000	Bu. Corn.
44,625,000	51,660,000	Bu. Oats.
3,080,000	3,938,000	Bu. Barley.
2,565,000	1,848,000	Bu. Rice.
5,940,000	4,725,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
38,000,000	34,960,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
6,110,000	5,375,000	Tons Tame Hay.
58,000	69,000	Tons Wild Hay.

3,125,000	3,750,000	Lbs. Tobacco.
000	000	Bales Cotton.
1,575,000	1,660,000	Bu. Beans.
349,680	274,350	Tons Cabbage.
2,880,000	1,254,000	Lbs. Hops.
12,000	000	Bu. Clover Seed.
11,059,000	37,253,000	Bu. Apples.
2,244,000	1,167,000	Bu. Peaches.
1,708,000	1,352,000	Bu. Pears.
12,000	14,000	Bu. Clover Seed.
3,514,000	3,830,000	Lbs. Wool.

NORTH CAROLINA

Has 253,725 Farms.
Average 88.4 Acres.

1,887,813 Farm Population.

1916.	LIVE STOCK.	1917.
321,000	Dairy Cows.	315,000
327,000	Other Cattle.	364,000
1,601,000	Swine.	1,550,000
170,000	Sheep.	140,000
35,000	Goats.	36,000
182,000	Horses.	185,000
196,000	Mules.	200,000
1,000	Jack Stock.	1,100
1918.	LIVE STOCK.	1919.
309,000	Dairy Cows.	315,000
375,000	Other Cattle.	379,000
1,461,000	Swine.	1,546,000
137,000	Sheep.	138,000
137,000	Horses.	181,000
207,000	Mules.	208,000
1915	1916	CROPS.
10,355,000	9,975,000	Bu. Wheat.
64,050,000	53,650,000	Bu. Corn.
8,050,000	6,562,000	Bu. Oats.
575,000	534,000	Bu. Rye.
175,000	175,000	Bu. Buckwheat.
4,000	4,000	Bu. Rice.
3,150,000	3,230,000	Bu. White Potatoes.
8,925,000	9,309,000	Bu. Sweet Potatoes.
648,000	507,000	Tons Tame Hay.
60,000	44,000	Tons Wild Hay.
708,000	646,000	Bales Cotton.
198,400,000	176,000,000	Pounds Tobacco.
1,972,000	2,358,000	Barrels Apples.
1,955,000	897,000	Bu. Peaches.
150,000	75,000	Bu. Pears.
545,000	570,000	Lbs. Wool.
1917	1918	CROPS.
9,765,000	7,105,000	Bu. Wheat.
60,000,000	64,365,000	Bu. Corn.
5,780,000	6,500,000	Bu. Oats.
000	000	Bu. Barley.
520,000	480,000	Bu. Rye.
240,000	294,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
5,000	10,000	Bu. Rice.
4,500,000	4,275,000	Bu. White Potatoes.
8,550,000	8,910,000	Bu. Sweet Potatoes.
528,000	684,000	Tons Tame Hay.
10,000	42,000	Tons Wild Hay.
204,750,000	282,000,000	Lbs. Tobacco.
570,000	870,000	Bales Cotton.
7,676,000	7,200,000	Bu. Peanuts.
6,156,000	5,460,000	Bu. Apples.
1,541,000	1,035,000	Bu. Peaches.
150,000	108,000	Bu. Pears.
533,000	570,000	Lbs. Wool.

NORTH DAKOTA

Has 74,360 Farms.
Average 382.3 Acres.

513,820 Farm Population.

1916.	LIVE STOCK.	1917.
373,000	Dairy Cows.	410,000
577,000	Other Cattle.	629,000
706,000	Swine.	650,000
250,000	Sheep.	250,000
1,000	Goats.	1,000
801,000	Horses.	825,000
9,000	Mules.	9,000
1918.	LIVE STOCK.	1919.
434,000	Dairy Cows.	429,000
650,000	Other Cattle.	612,000
507,000	Swine.	456,000
252,000	Sheep.	265,000
842,000	Horses.	850,000
9,000	Mules.	9,000
1915	1916	CROPS.
151,970,000	39,352,000	Bu. Wheat.

9,800,000	13,515,000	Bu. Corn.
98,000,000	53,750,000	Bu. Oats.
44,800,000	26,738,000	Bu. Barley.
2,700,000	4,655,000	Bu. Rye.
6,534,000	8,137,000	Bu. Flaxseed.
7,200,000	6,975,000	Bu. White Potatoes.
660,000	884,000	Tons Tame Hay.
2,500,000	2,670,000	Tons Wild Hay.
1,260,000	1,350,000	Lbs. Wool.

1917

1918 CROPS.

56,000,000	101,010,000	Bu. Wheat.
5,310,000	9,196,000	Bu. Corn.
38,625,000	60,512,000	Bu. Oats.
22,812,000	37,281,000	Bu. Barley.
9,880,000	20,422,000	Bu. Rye.
000	000	Bu. Buckwheat.
3,764,000	000	Bu. Flaxseed.
000	000	Bu. Rice.
3,870,000	8,910,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
484,000	574,000	Tons Tame Hay.
1,417,000	1,904,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
000	000	Bu. Apples.
000	000	Bu. Peaches.
000	000	Bu. Pears.
1,418,000	1,560,000	Lbs. Wool.

OHIO

Has 272,045 Farms.
Average 88.6 Acres.

2,101,978 Farm Population.

1916.	LIVE STOCK.	1917.
922,000	Dairy Cows.	950,000
872,000	Other Cattle.	863,000
3,713,000	Swine.	3,527,000
3,067,000	Sheep.	2,944,000
5,600	Goats.	6,000
901,900	Horses.	892,000
26,000	Mules.	26,000
1918.	LIVE STOCK.	1919.
940,000	Dairy Cattle.	1,030,000
954,000	Other Cattle.	1,102,000
3,774,000	Swine.	4,266,000
3,091,000	Sheep.	2,980,000
883,000	Horses.	891,000
26,000	Mules.	28,000
1915	1916	CROPS.
40,194,000	20,250,000	Bu. Wheat.
156,040,000	115,762,000	Bu. Corn.
69,003,000	48,076,000	Bu. Oats.
930,000	917,000	Bu. Barley.
1,750,000	1,088,000	Bu. Rye.
414,000	336,000	Bu. Buckwheat.
12,546,000	6,300,000	Bu. White Potatoes.
95,000	99,000	Bu. Sweet Potatoes.
1,058	1,097	Acres Celery.
27,100	11,900	Tons Cabbage.
272,034	1,445,109	Bu. Onions.
4,049,000	4,867,000	Tons Tame Hay.
3,000	3,000	Tons Wild Hay.
84,330,000	95,000,000	Pounds Tobacco.
289,000	183,000	Tons Sugar Beets.
5,984,000	2,867,000	Barrels Apples.
2,393,000	1,305,000	Bu. Peaches.
560,000	376,000	Bu. Pears.
13,600,000	13,650,000	Lbs. Wool.
1917	1918	CROPS.
41,140,000	43,543,000	Bu. Wheat.
150,100,000	135,200,000	Bu. Corn.
78,100,000	79,200,000	Bu. Oats.
1,320,000	3,150,000	Bu. Barley.
1,872,000	1,887,000	Bu. Rye.
461,000	443,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
16,000,000	11,010,000	Bu. White Potatoes.
95,000	96,000	Bu. Sweet Potatoes.
4,154,000	4,095,000	Tons Tame Hay.
3,000	3,000	Tons Wild Hay.
99,072,000	113,288,000	Lbs. Tobacco.
000	000	Bales Cotton.
242,300	328,900	Tons Sugar Beets.
35,000	000	Bu. Beans.
38,610	000	Tons Cabbage.
231,000	139,000	Bu. Clover Seed.
6,336,000	8,316,000	Bu. Apples.
496,000	348,000	Bu. Peaches.
334,000	304,000	Bu. Pears.
12,000,000	12,600,000	Lbs. Wool.

OKLAHOMA

Has 190,192 Farms.
Average 151.7 Acres.

1,337,000 Farm Population.

1916.	LIVE STOCK.	1917.
519,000	Dairy Cows.	535,000
1,186,000	Other Cattle.	1,222,000
1,491,000	Swine.	1,372,000
95,000	Sheep.	104,000
22,000	Goats.	26,000
743,000	Horses.	743,000
282,000	Mules.	276,000
5,900	Jack Stock.	6,000
1918.	LIVE STOCK.	1919.
562,000	Dairy Cows.	561,000
1,104,000	Other Cattle.	1,444,000
1,219,000	Swine.	1,036,000
208,000	Sheep.	125,000
737,000	Horses.	744,000
276,000	Mules.	288,000

1915	1916	CROPS.
86,540,000	29,585,000	Bu. Wheat.
123,900,000	53,325,000	Bu. Corn.
37,800,000	15,970,000	Bu. Oats.
212,000	100,000	Bu. Barley.
81,000	90,000	Bu. Rye.
2,975,000	1,802,000	Bu. White Potatoes.
1,380,000	962,000	Bu. Sweet Potatoes.
1,058,000	825,000	Tons Tame Hay.
791,000	645,000	Tons Wild Hay.
630,000	835,000	Bales Cotton.
780,000	275,000	Bu. Apples.
2,408,000	300,000	Bu. Peaches.
68,000	11,000	Bu. Pears.
490,000	500,000	Lbs. Wool.

1917	1918	CROPS.
36,650,000	32,899,000	Bu. Wheat.
33,150,000	24,375,000	Bu. Corn.
26,450,000	33,120,000	Bu. Oats.
162,000	136,000	Bu. Barley.
90,000	88,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
2,484,000	1,258,000	Bu. White Potatoes.
1,350,000	975,000	Bu. Sweet Potatoes.
920,000	677,000	Tons Tame Hay.
450,000	336,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
890,000	550,000	Bales Cotton.
000	000	Tons Sugar Beets.
000	000	Bu. Beans.
22,400,000	15,260,000	Bu. Kahirs.
26,250	16,100	Tons Broom Corn.
544,000	440,000	Bu. Peanuts.
1,300,000	453,000	Bu. Apples.
1,150,000	303,000	Bu. Peaches.
45,000	38,000	Bu. Pears.
450,000	518,000	Lbs. Wool.

OREGON

Has 45,705 Farms.
Average 256.8 Acres.

365,705 Farm Population.

1916.	LIVE STOCK.	1917.
216,000	Dairy Cows.	222,000
553,000	Other Cattle.	577,000
396,000	Swine.	315,000
2,563,000	Sheep.	2,484,000
185,000	Goats.	188,000
295,000	Horses.	286,000
10,000	Mules.	10,000
1918.	LIVE STOCK.	1919.
227,000	Dairy Cows.	222,000
683,000	Other Cattle.	703,000
309,000	Swine.	348,000
2,448,000	Sheep.	2,497,000
309,000	Horses.	303,000
10,000	Mules.	10,000
1915	1916	CROPS.
20,025,000	19,550,000	Bu. Wheat.
1,155,000	1,340,000	Bu. Corn.
16,060,000	17,280,000	Bu. Oats.
4,680,000	5,390,000	Bu. Barley.
414,000	510,000	Bu. Rye.
5,520,000	8,250,000	Bu. White Potatoes.
276,000	363,500	Bu. Onions.
1,870,000	1,955,000	Tons Tame Hay.
268,000	220,000	Tons Wild Hay.
1,043,000	1,285,000	Barrels Apples.
432,000	276,000	Bu. Peaches.
525,000	555,000	Bu. Pears.
14,820,000	13,200,000	Lbs. Wool.

1917	1918	CROPS.
12,811,000	15,228,000	Bu. Wheat.
1,260,000	1,364,000	Bu. Corn.
9,125,000	9,025,000	Bu. Oats.
5,278,000	4,450,000	Bu. Barley.
356,000	492,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
8,100,000	5,500,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,638,000	1,467,000	Tons Tame Hay.
218,000	194,090	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Lbs. Cotton.
5,000,000	3,500,000	Bales Hops.
30,000	21,000	Bu. Clover Seed.
3,500,000	3,500,000	Bu. Apples.
250,000	118,000	Bu. Peaches.
600,000	672,000	Bu. Pears.
29,545	26,565	Tons Cabbage.
12,000,000	12,500,000	Lbs. Wool.

PENNSYLVANIA

Has 219,295 Farms.
Average 84.8 Acres.

3,034,441 Farm Population.

1916.	LIVE STOCK.	1917.
971,000	Dairy Cows.	980,000
657,000	Other Cattle.	664,000
1,210,000	Swine.	1,174,000
859,000	Sheep.	835,600
3,800	Goats.	4,000
602,000	Horses.	596,000
47,000	Mules.	48,000
1918.	LIVE STOCK.	1919.
960,000	Dairy Cows.	979,000
717,000	Other Cattle.	731,000
1,291,000	Swine.	1,430,000
913,000	Sheep.	959,000
590,000	Horses.	578,000
48,000	Mules.	48,000
1915	1916	CROPS.
24,605,000	26,125,000	Bu. Wheat.
58,520,520	56,550,000	Bu. Corn.
43,320,000	25,030,000	Bu. Oats.
236,000	300,000	Bu. Barley.
4,932,000	4,420,000	Bu. Rye.
5,754,000	3,780,000	Bu. Buckwheat.
20,160,000	19,040,000	Bu. White Potatoes.
105,000	100,000	Bu. Sweet Potatoes.
2,737	2,553	Acres Celery.
101,000	74,400	Bu. Onions.
4,340,000	5,208,000	Tons Tame Hay.
14,000	23,000	Tons Wild Hay.
42,300,000	49,096,000	Pounds Tobacco.
5,085,000	6,207,000	Barrels Apples.
2,044,000	1,058,000	Bu. Peaches.
494,000	509,000	Bu. Pears.
4,030,000	4,225,000	Lbs. Wool.

1917	1918	CROPS.
24,482,000	24,718,000	Bu. Wheat.
62,212,000	62,400,000	Bu. Corn.
41,125,000	47,190,000	Bu. Oats.
361,000	420,000	Bu. Barley.
4,420,000	4,250,000	Bu. Rye.
6,300,000	5,850,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
29,532,000	24,400,000	Bu. White Potatoes.
110,000	120,000	Bu. Sweet Potatoes.
4,329,000	4,272,000	Tons Tame Hay.
15,000	13,000	Tons Wild Hay.
58,100,000	64,752,000	Lbs. Tobacco.
104,000	000	Bu. Beans.
7,000	000	Bu. Clover Seed.
12,150,000	17,775,000	Bu. Apples.
1,440,000	1,210,000	Bu. Peaches.
448,000	000	Bu. Pears.
10,000	16,000	Bu. Clover Seed.
4,225,000	4,774,000	Lbs. Wool.

RHODE ISLAND

Has 5,292 Farms.
Average 83.8 Acres.

17,956 Farm Population.

1916.	LIVE STOCK.	1917.
22,000	Dairy Cows.	22,000
10,000	Other Cattle.	11,000
15,000	Swine.	14,000
6,000	Sheep.	5,000
9,000	Horses.	8,000

1918.	LIVE STOCK.	1919.
21,000	Dairy Cows.	20,000
12,000	Other Cattle.	13,000
16,000	Swine.	14,000
6,000	Sheep.	7,000
8,000	Horses.	8,000

1915	1916	CROPS.
516,000	341,000	Bu. Corn.
66,000	54,000	Bu. Oats.
550,000	370,000	Bu. White Potatoes.
71,000	81,000	Tons Tame Hay.
1,000	1,000	Tons Wild Hay.
59,000	87,000	Barrels Apples.
29,000	14,000	Bu. Peaches.
10,000	14,000	Bu. Pears.
25,000	25,000	Lbs. Wool.

1917	1918	CROPS.
000	000	Bu. Wheat.
546,000	572,000	Bu. Corn.
62,000	84,000	Bu. Oats.
000	000	Bu. Barley.
000	000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
675,000	650,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
90,000	75,000	Tons Tame Hay.
1,000	1,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
198,000	201,000	Bu. Apples.
20,000	000	Bu. Peaches.
7,000	000	Bu. Pears.
24,000	24,000	Lbs. Wool.

SOUTH CAROLINA

Has 176,434 Farms.

Average 76.6 Acres.

1,290,568 Farm Population.

1916.	LIVE STOCK.	1917.
189,000	Dairy Cows.	189,000
215,000	Other Cattle.	215,000
917,000	Swine.	920,000
30,000	Sheep.	30,000
27,000	Goats.	26,000
84,000	Horses.	85,000
171,000	Mules.	174,000

1918.	LIVE STOCK.	1919.
193,000	Dairy Cows.	203,000
232,000	Other Cattle.	244,000
966,000	Swine.	1,056,000
31,000	Sheep.	29,000
85,000	Horses.	82,000
179,000	Mules.	194,000

1915	1916	CROPS.
2,130,000	2,226,000	Bu. Wheat.
35,558,000	32,008,000	Bu. Corn.
9,975,000	9,000,000	Bu. Oats.
30,000	49,000	Bu. Rye.
90,000	49,000	Bu. Rice.
880,000	750,000	Bu. White Potatoes.
6,285,000	5,676,000	Bu. Sweet Potatoes.
286,000	325,000	Tons Tame Hay.
14,000	15,000	Tons Wild Hay.
1,160,000	920,000	Bales Cotton.
37,700,000	20,280,000	Pounds Tobacco.
221,000	196,000	Barrels Apples.
864,000	541,000	Bu. Peaches.
91,000	56,000	Bu. Pears.
100,000	95,000	Lbs. Wool.

1917	1918	CROPS.
1,838,000	2,255,000	Bu. Wheat.
43,947,000	38,250,000	Bu. Corn.
6,000,000	11,000,000	Bu. Oats.
000	000	Bu. Barley.
170,000	202,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
75,000	104,000	Bu. Rice.
1,440,000	2,856,000	Bu. White Potatoes.
7,600,000	7,600,000	Bu. Sweet Potatoes.
280,000	286,000	Tons Tame Hay.
10,000	10,000	Tons Wild Hay.
51,120,000	62,208,000	Lbs. Tobacco.
1,235,000	1,500,000	Bales Cotton.
450,000	630,000	Bu. Peanuts.
818,000	800,000	Bu. Apples.
1,130,000	1,064,000	Bu. Peaches.
100,000	980,000	Bu. Pears.
95,000	103,000	Lbs. Wool.

SOUTH DAKOTA

Has 77,644 Farms.

Average 335.1 Acres.

507,215 Farm Population.

1916.	LIVE STOCK.	1917.
485,000	Dairy Cows.	524,000
1,064,000	Other Cattle.	1,181,000
1,314,000	Swine.	1,432,000
604,000	Sheep.	658,000
2,400	Goats.	2,400
759,000	Horses.	774,000
15,000	Mules.	15,000

1918.	LIVE STOCK.	1919.
555,000	Dairy Cows.	561,000
1,438,000	Other Cattle.	1,496,000
1,504,000	Swine.	1,654,000
759,000	Sheep.	810,000
811,000	Horses.	827,000
16,000	Mules.	16,000

1915	1916	CROPS.
63,762,000	24,825,000	Bu. Wheat.
94,250,000	84,075,000	Bu. Corn.
72,450,000	56,425,000	Bu. Oats.
24,000,000	18,728,000	Bu. Barley.
3,900,000	4,500,000	Bu. Rye.
1,650,000	1,395,000	Bu. Flaxseed.
7,280,000	4,290,000	Bu. White Potatoes.
1,220,000	1,387,000	Tons Tame Hay.
4,340,000	3,909,000	Tons Wild Hay.
100,000	116,000	Barrels Apples.
3,150,000	3,569,000	Lbs. Wool.

1917	1918	CROPS.
52,024,000	71,305,000	Bu. Wheat.
97,150,000	108,188,000	Bu. Corn.
65,450,000	84,249,000	Bu. Oats.
26,520,000	41,300,000	Bu. Barley.
5,600,000	10,350,000	Bu. Rye.
000	000	Bu. Buckwheat.
950,000	1,368,000	Bu. Flaxseed.
000	000	Bu. Rice.
7,200,000	8,190,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,102,000	1,235,000	Tons Tame Hay.
2,925,000	3,185,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
349,000	109,000	Bu. Apples.
000	000	Bu. Peaches.
000	000	Bu. Pears.
3,738,000	4,747,000	Lbs. Wool.

TENNESSEE

Has 246,012 Farms.

Average 81.5 Acres.

1,743,744 Farm Population.

1916.	LIVE STOCK.	1917.
366,000	Dairy Cows.	366,000
518,000	Other Cattle.	528,000
1,531,000	Swine.	1,485,000
661,000	Sheep.	650,000
43,000	Goats.	44,000
349,000	Horses.	350,000
272,000	Mules.	270,000
7,900	Jack Stock.	8,000

1918.	LIVE STOCK.	1919.
373,000	Dairy Cows.	380,000
554,000	Other Cattle.	587,000
1,634,000	Swine.	1,965,000
666,000	Sheep.	567,000
350,000	Horses.	357,000
273,000	Mules.	278,000

1915	1916	CROPS.
9,030,000	7,953,000	Bu. Wheat.
94,500,000	84,500,000	Bu. Corn.
8,746,000	7,560,000	Bu. Oats.
144,000	237,000	Bu. Barley.
189,000	150,000	Bu. Rye.
54,000	54,000	Bu. Buckwheat.
3,168,000	2,952,000	Bu. White Potatoes.
2,835,000	2,700,000	Bu. Sweet Potatoes.
1,396,000	1,449,000	Tons Tame Hay.
32,000	38,000	Tons Wild Hay.
295,000	378,000	Bales Cotton.
69,675,000	81,760,000	Pounds Tobacco.
2,925,000	1,772,000	Barrels Apples.
2,460,000	1,080,000	Bu. Peaches.
195,000	59,000	Bu. Pears.
1,870,000	1,870,000	Lbs. Wool.

1917	1918	CROPS.
4,830,000	7,500,000	Bu. Wheat.
111,150,000	84,000,000	Bu. Corn.
7,350,000	8,125,000	Bu. Oats.

120,000	181,000	Bu. Barley.
120,000	300,000	Bu. Rye.
68,000	90,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
4,888,000	3,500,000	Bu. White Potatoes.
2,850,000	2,940,000	Bu. Sweet Potatoes.
1,142,000	1,620,000	Tons Tame Hay.
31,000	34,000	Tons Wild Hay.
81,810,000	62,240,000	Lbs. Tobacco.
206,000	350,000	Bales Cotton.
60,000	000	Bu. Beans.
450,000	681,000	Bu. Peanuts.
12,000	12,000	Bu. Clover Seed.
5,000,000	4,700,000	Bu. Apples.
900,000	840,000	Bu. Peaches.
75,000	112,000	Bu. Pears.
1,776,000	1,954,000	Lbs. Wool.

TEXAS

Has 417,770 Farms.

Average 269.1 Acres.

2,958,438 Farm Population.

1916.	LIVE STOCK.	1917.
1,119,000	Dairy Cows.	1,175,000
5,428,000	Other Cattle.	5,482,000
3,197,000	Swine.	3,229,000
2,156,000	Sheep.	2,328,000
1,135,000	Goats.	1,150,000
1,180,000	Horses.	1,156,000
768,000	Mules.	760,000
20,000	Jack Stock.	21,000
1918.	LIVE STOCK.	1919.
1,128,000	Dairy Cows.	1,060,000
4,660,000	Other Cattle.	3,961,000
3,068,000	Swine.	2,320,000
2,188,000	Sheep.	2,232,000
1,212,000	Horses.	1,161,000
808,000	Mules.	792,000

1915	1916	CROPS.
22,862,000	13,200,000	Bu. Wheat.
175,070,000	131,100,000	Bu. Corn.
44,375,000	42,750,000	Bu. Oats.
252,000	153,000	Bu. Barley.
34,000	20,000	Bu. Rye.
7,930,000	10,575,000	Bu. Rice.
2,730,000	2,000,000	Bu. White Potatoes.
5,880,000	7,120,000	Bu. Sweet Potatoes.
765,000	576,000	Tons Tame Hay.
343,000	262,000	Tons Wild Hay.
3,175,000	3,775,000	Bales Cotton.
100,000	140,000	Pounds Tobacco
187,000	156,000	Barrels Apples.
4,235,000	3,025,000	Bu. Peaches.
301,000	322,000	Bu. Pears.
9,750,000	10,250,000	Lbs. Wool.
1917	1918	CROPS.
16,200,000	8,920,000	Bu. Wheat.
77,285,000	69,000,000	Bu. Corn.
37,950,000	22,197,000	Bu. Oats.
180,000	170,000	Bu. Barley.
20,000	22,000	Bu. Rye.
000	000	Bu. Flaxseed.
6,210,000	7,810,000	Bu. Rice.
2,760,000	3,300,000	Bu. White Potatoes.
6,552,000	5,046,000	Bu. Sweet Potatoes.
450,000	581,000	Tons Tame Hay.
164,000	128,000	Tons Wild Hay.
131,000	000	Lbs. Tobacco.
3,115,000	2,580,000	Bales Cotton.
14,766,000	24,075,000	Bu. Kafirs.
8,400,000	19,200	Tons Broom Corn.
16,200,000	7,117,000	Bu. Peanuts.
345,000	198,000	Bu. Apples.
2,352,000	2,041,000	Bu. Peaches.
280,000	246,000	Bu. Pears.
10,045,000	11,250,000	Lbs. Wool.

UTAH

Has 21,676 Farms.

Average 156.7 Acres.

200,417 Farm Population.

1916.	LIVE STOCK.	1917.
96,000	Dairy Cows.	91,000
408,000	Other Cattle.	408,000
112,000	Swine.	101,000
2,089,000	Sheep.	2,089,000
28,000	Goats.	23,000
146,000	Horses.	138,000
2,000	Mules.	2,000
1,100	Jack Stock.	1,200

1918.	LIVE STOCK.	1919.
96,000	Dairy Cows.	101,000
437,000	Other Cattle.	480,000
102,000	Swine.	123,000
2,340,000	Sheep.	2,410,000
115,000	Horses.	148,000
2,000	Mules.	2,000
1915	1916	CROPS.
8,825,000	6,900,000	Bu. Wheat.
412,000	429,000	Bu. Corn.
4,700,000	4,480,000	Bu. Oats.
1,445,000	1,224,000	Bu. Barley.
202,000	144,000	Bu. Rye.
2,500,000	3,600,000	Bu. White Potatoes.
985,000	845,000	Tons Tame Hay.
110,000	102,000	Tons Wild Hay.
691,000	941,000	Tons Sugar Beets.
142,000	33,000	Barrels Apples.
212,000	90,000	Bu. Peaches.
31,000	12,000	Bu. Pears.
15,000,000	15,000,000	Lbs. Wool.
1917	1918	CROPS.
5,650,000	6,464,000	Bu. Wheat.
500,000	673,000	Bu. Corn.
4,400,000	4,410,000	Bu. Oats.
1,221,000	1,120,000	Bu. Barley.
104,000	208,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
4,347,000	3,600,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,137,000	1,020,000	Tons Tame Hay.
119,000	70,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
776,000	1,012,900	Tons Sugar Beets.
650,000	780,000	Bu. Apples.
900,000	1,080,000	Bu. Peaches.
48,000	51,000	Bu. Pears.
14,800,000	13,800,000	Lbs. Wool.

VERMONT

Has 32,709 Farms.

Average 142.6 Acres.

187,013 Farm Population.

1916.	LIVE STOCK.	1917.
273,000	Dairy Cows.	281,000
170,000	Other Cattle.	172,000
113,000	Swine.	113,000
100,000	Sheep.	100,000
89,000	Horses.	89,000
1918.	LIVE STOCK.	1919.
295,000	Dairy Cows.	281,000
189,000	Other Cattle.	194,000
120,000	Swine.	125,000
106,000	Sheep.	107,000
89,000	Horses.	88,000
1915	1916	CROPS.
30,000	25,000	Bu. Wheat.
2,256,000	1,935,000	Bu. Corn.
3,483,000	2,560,000	Bu. Oats.
420,000	412,000	Bu. Barley.
17,000	20,000	Bu. Rye.
216,000	210,000	Bu. Buckwheat.
2,592,000	2,576,000	Bu. White Potatoes.
1,310,000	1,666,000	Tons Tame Hay.
14,000	18,000	Tons Wild Hay.
130,000	160,000	Pounds Tobacco.
324,000	1,104,000	Barrels Apples.
17,000	24,000	Bu. Pears.
590,000	580,000	Lbs. Wool.
1917	1918	CROPS.
120,000	396,000	Bu. Wheat.
2,538,000	1,710,000	Bu. Corn.
3,168,000	4,223,000	Bu. Oats.
493,000	496,000	Bu. Barley.
20,000	21,000	Bu. Rye.
286,000	294,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
3,000,000	3,380,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,531,000	1,291,000	Tons Tame Hay.
13,000	12,000	Tons Wild Hay.
165,000	000	Lbs. Tobacco.
100,000	000	Bu. Beans.
1,286,000	1,002,000	Bu. Apples.
000	000	Bu. Peaches.
14,000	13,000	Bu. Pears.
14,620	16,160	Tons Cabbage.
597,000	663,000	Lbs. Wool.

VIRGINIA

Has 184,018 Farms.

Average 105.9 Acres.

1915		
1585,083	Farm Population.	
1916.	LIVE STOCK.	1917.
359,000	Dairy Cows.	373,000
472,000	Other Cattle.	486,000
1,023,000	Swine.	1,023,000
734,000	Sheep.	686,000
7,000	Goats.	7,000
361,000	Horses.	361,000
64,000	Mules.	64,000
1918.	LIVE STOCK.	1919.
377,000	Dairy Cows.	424,000
510,000	Other Cattle.	567,000
1,105,000	Swine.	1,134,000
686,000	Sheep.	713,000
365,000	Horses.	369,000
65,000	Mules.	66,000

1917	1918	CROPS.
29,218,000	26,429,000	Bu. Wheat.
1,517,000	1,634,000	Bu. Corn.
11,240,000	8,370,000	Bu. Oats.
4,830,000	2,630,000	Bu. Barley.
89,000	70,000	Bu. Rye.
000	000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
9,875,000	8,580,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
1,778,000	1,429,000	Tons Tame Hay.
41,000	35,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
128,000	000	Bu. Beans.
4,200,000	2,939,000	Lbs. Hops.
17,897,000	16,489,000	Bu. Apples.
504,000	1,130,000	Bu. Peaches.
595,000	630,000	Bu. Pears.
4,813,000	5,504,000	Lbs. Wool.

WEST VIRGINIA

Has 96,685 Farms.

Average 103.7 Acres.

1915	1916	CROPS.
16,974,000	16,250,000	Bu. Wheat.
60,562,000	60,990,000	Bu. Corn.
5,625,000	5,750,000	Bu. Oats.
348,000	358,000	Bu. Barley.
1,015,000	938,000	Bu. Rye.
520,000	480,000	Bu. Buckwheat.
17,500,000	16,250,000	Bu. White Potatoes.
3,740,000	5,070,000	Bu. Sweet Potatoes.
945,000	1,066,000	Tons Tame Hay.
12,900	6,100	Tons Cabbage.
9,000	9,000	Tons Wild Hay.
16,800	29,000	Bales Cotton.
144,375,000	129,200,000	Pounds Tobacco.
4,393,000	4,433,000	Barrels Apples.
1,300,000	598,000	Bu. Peaches.
261,000	122,000	Bu. Pears.
1,835,000	1,900,000	Lbs. Wool.
1917	1918	CROPS.
17,920,000	15,600,000	Bu. Wheat.
72,275,000	56,000,000	Bu. Corn.
5,512,000	5,175,000	Bu. Oats.
360,000	324,000	Bu. Barley.
1,155,000	1,200,000	Bu. Rye.
696,000	798,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
19,800,000	11,750,000	Bu. White Potatoes.
4,160,000	3,360,000	Bu. Sweet Potatoes.
986,000	1,542,000	Tons Tame Hay.
10,000	9,000	Tons Wild Hay.
129,500,000	146,300,000	Lbs. Tobacco.
16,000	26,000	Bales Cotton.
15,050	000	Tons Cabbage.
5,775,000	5,880,000	Bu. Peanuts.
9,974,000	9,000,000	Bu. Apples.
800,000	578,000	Bu. Peaches.
194,000	119,000	Bu. Pears.
1,862,000	1,918,000	Lbs. Wool.

WASHINGTON

Has 56,192 Farms.

Average 208.4 Acres.

1916.	LIVE STOCK.	1917.
263,000	Dairy Cows.	263,000
221,000	Other Cattle.	275,000
314,000	Swine.	283,000
568,000	Sheep.	585,000
8,500	Goats.	9,000
308,000	Horses.	305,000
15,000	Mules.	18,000
1918.	LIVE STOCK.	1919.
266,000	Dairy Cows.	216,000
294,000	Other Cattle.	307,000
283,000	Swine.	317,000
661,000	Sheep.	780,000
309,000	Horses.	303,000
19,000	Mules.	20,000

1915	1916	CROPS.
50,394,000	37,635,000	Bu. Wheat.
1,053,000	1,406,000	Bu. Corn.
13,760,000	14,300,000	Bu. Oats.
7,263,000	6,814,000	Bu. Barley.
146,000	102,000	Bu. Rye.
8,235,000	9,900,000	Bu. White Potatoes.
232,400	299,628	Bu. Onions.
1,868,000	2,006,000	Tons Tame Hay.
32,000	42,000	Tons Wild Hay.
2,433,000	3,225,000	Barrels Apples.
566,000	415,000	Bu. Peaches.
564,000	551,000	Bu. Pears.
4,500,000	4,750,000	Lbs. Wool.

1916	1917	LIVE STOCK.
341,000	Dairy Cows.	245,000
362,000	Other Cattle.	369,000
378,000	Swine.	380,000
796,000	Sheep.	715,000
5,700	Goats.	6,000
194,000	Horses.	196,000
12,000	Mules.	12,000
1918.	LIVE STOCK.	1919.
245,000	Dairy Cows.	243,000
373,000	Other Cattle.	366,000
422,000	Swine.	439,000
751,000	Sheep.	789,000
196,000	Horses.	194,000
12,000	Mules.	12,000
1915	1916	CROPS.
4,500,000	4,610,000	Bu. Wheat.
25,200,000	22,112,000	Bu. Corn.
3,480,000	3,220,000	Bu. Oats.
224,000	320,000	Bu. Rye.
836,000	659,000	Bu. Buckwheat.
5,550,000	4,224,000	Bu. White Potatoes.
220,000	280,000	Bu. Sweet Potatoes.
1,095,000	1,270,000	Tons Tame Hay.
7,000	7,000	Tons Wild Hay.
9,831,000	12,690,000	Pounds Tobacco.
2,513,000	3,334,000	Barrels Apples.
1,164,000	520,000	Bu. Peaches.
63,000	42,000	Bu. Pears.
2,750,000	2,750,000	Lbs. Wool.
1917	1918	CROPS.
4,410,000	4,942,000	Bu. Wheat.
25,020,000	24,800,000	Bu. Corn.
3,861,000	4,320,000	Bu. Oats.
000	000	Bu. Barley.
270,000	301,000	Bu. Rye.
900,000	915,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
7,175,000	5,220,000	Bu. White Potatoes.
280,000	212,000	Bu. Sweet Potatoes.
1,003,000	1,037,000	Tons Tame Hay.
7,000	7,000	Tons Wild Hay.
9,040,000	9,792,000	Lbs. Tobacco.
144,000	000	Bu. Beans.
5,994,000	8,174,000	Bu. Apples.
608,000	850,000	Bu. Peaches.
33,000	33,000	Bu. Pears.
2,695,000	2,830,000	Lbs. Wool.

WISCONSIN

Has 177,127 Farms.

Average 119.0 Acres.

1915	1916	LIVE STOCK.
1,675,000	Dairy Cows.	1,750,000
1,313,000	Other Cattle.	1,340,000
2,142,000	Swine.	2,060,000
694,000	Sheep.	645,000
5,000	Goats.	5,000
712,000	Horses.	715,000
3,000	Mules.	3,000
1918.	LIVE STOCK.	1919.
1,785,000	Dairy Cows.	1,803,000
1,394,000	Other Cattle.	1,436,000
2,019,000	Swine.	2,181,000

651,000	Sheep.	716,000
708,000	Horses.	694,000
3,000	Mules.	3,000
1915	1916	CROPS.
4,632,000	3,315,000	Bu. Wheat.
40,825,000	60,840,000	Bu. Corn.
99,475,000	81,400,000	Bu. Oats.
23,288,000	18,300,000	Bu. Barley.
7,770,000	6,055,000	Bu. Rye.
234,000	280,000	Bu. Buckwheat.
94,000	60,000	Bu. Flaxseed.
25,926,000	13,630,000	Bu. White Potatoes.
134,600	58,000	Tons Cabbage.
36,000	31,000	Barrels Cranberries.
285,950	220,932	Bu. Onions.
4,508,000	4,420,000	Tons Tame Hay.
420,000	481,000	Tons Wild Hay.
36,900,000	55,753,000	Pounds Tobacco.
2,250,000	2,510,000	Pounds Wool.
23,000	26,000	Bu. Pears.
1,473,000	873,000	Barrels Apples.
1917	1918	CROPS.
5,327,000	10,716,000	Bu. Wheat.
12,196,000	69,538,000	Bu. Corn.
99,000,000	110,162,000	Bu. Oats.
19,200,000	25,383,000	Bu. Barley.
7,585,000	7,671,000	Bu. Rye.
281,000	636,000	Bu. Buckwheat.
000	000	Bu. Flaxseed.
000	000	Bu. Rice.
34,998,000	33,040,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
4,595,000	3,537,000	Tons Tame Hay.
427,000	413,000	Tons Wild Hay.
45,885,000	65,170,000	Lbs. Tobacco.
000	000	Bales Cotton.
262,000	000	Bu. Beans.
121,000	93,000	Tons Cabbage.
300,000	336,000	Bu. Clover Seed.
3,029,000	2,061,000	Bu. Apples.
000	000	Bu. Peaches.
000	000	Bu. Pears.
30,000	36,100	Bbls. Cranberries.
000	119,400	Tons Sugar Beets.
2,501,000	2,850,000	Lbs. Wool.

WYOMING

Has 10,987 Farms.

Average 717 Acres.

102,741 Farm Population.

1916.	LIVE STOCK.	1917.
50,000	Dairy Cows.	55,000
703,000	Other Cattle.	825,000
70,000	Swine.	69,000
4,338,000	Sheep.	4,381,000
3,000	Goats.	3,000
180,000	Horses.	191,000
2,000	Mules.	3,000
1918.	LIVE STOCK.	1919.
64,000	Dairy Cattle.	72,000
891,000	Other Cattle.	1,000,000
54,000	Swine.	63,000
4,100,000	Sheep.	4,018,000
209,000	Horses.	230,000
4,000	Mules.	4,000
1915	1916	CROPS.
3,315,000	3,560,000	Bu. Wheat.
625,000	550,000	Bu. Corn.
9,534,000	8,575,000	Bu. Oats.
612,000	825,000	Bu. Barley.
180,000	155,000	Bu. Rye.
26,000	14,000	Bu. Flaxseed.
2,400,000	2,340,000	Bu. White Potatoes.
1,210,000	1,044,000	Tons Tame Hay.
299,000	255,000	Tons Wild Hay.
29,200,000	31,000,000	Lbs. Wool.
1917	1918	CROPS.
4,206,000	6,600,000	Bu. Wheat.
660,000	1,000,000	Bu. Corn.
9,468,000	11,685,000	Bu. Oats.
783,000	1,110,000	Bu. Barley.
252,000	450,000	Bu. Rye.
000	000	Bu. Buckwheat.
20,000	27,000	Bu. Flaxseed.
000	000	Bu. Rice.
4,650,000	4,500,000	Bu. White Potatoes.
000	000	Bu. Sweet Potatoes.
952,000	1,218,000	Tons Tame Hay.
300,000	330,000	Tons Wild Hay.
000	000	Lbs. Tobacco.
000	000	Bales Cotton.
000	000	Bu. Apples.
000	000	Bu. Peaches.
000	000	Bu. Pears.
30,380,000	34,026,000	Lbs. Wool.

Farmers and Laborers.

The United States Census is responsible for the figures presented herewith, and it shows that the working farm population was 12,389,840 in 1910, and by adding 10 per cent. the total now is 13,628,824. The laborers and farm foremen enumerated were included originally in 1910 in the list of farm laborers, but now it will be nearer the correct total if the farm foremen and garden laborers are allowed to represent the increase.

State.	Total Farmers.	Total Farm Laborers.	Farm Foremen, Etc.,	Garden, Etc.,
MAINE.	47,509	25,822	381	754
N. H. . . .	20,175	14,380	284	536
VT.	27,673	21,028	297	382
MASS. . . .	28,897	38,575	1,502	8,910
R. I.	4,368	6,908	201	1,483
CONN. . . .	21,514	24,591	631	3,011
N. Y.	17,458	175,427	2,857	17,275
N. J.	30,639	45,420	905	6,965
PENN. . . .	190,509	162,084	2,381	8,917
DEL.	10,325	12,417	87	333
MD.	44,143	65,808	843	3,737
VA.	165,417	183,509	1,543	3,358
W. VA. . . .	67,286	72,789	568	844
N. C.	242,456	359,881	1,067	1,482
S. C.	172,387	338,461	1,206	919
GA.	286,662	433,777	1,843	2,168
FLA.	47,690	70,063	1,099	3,425
OHIO. . . .	253,263	164,198	2,127	5,461
IND.	206,475	136,496	1,536	1,862
ILL.	248,636	198,877	2,079	5,823
MICH. . . .	190,771	122,106	1,324	2,693
WIS.	170,605	125,940	1,040	1,527
MINN. . . .	155,867	122,828	932	1,922
IOWA. . . .	215,290	138,434	1,371	1,835
MO.	274,412	178,801	1,552	2,668
N. D.	76,274	54,543	566	100
S. D.	77,235	47,452	305	136
NEB.	129,593	72,898	658	650
KAS.	179,014	95,061	963	1,198
KY.	252,463	199,933	1,038	1,433
TENN.	233,752	230,658	896	1,934
ALA.	256,046	406,205	985	1,479
MISS. . . .	271,120	400,835	1,261	1,047
LA.	118,806	216,544	1,998	1,968
TEXAS. . . .	417,529	510,239	1,824	3,303
OKLA. . . .	194,684	153,532	641	474
ARK.	211,042	255,151	944	967
MONT. . . .	28,206	25,205	336	587
WYO.	11,879	12,797	109	62
COLO. . . .	48,646	36,117	474	1,557
N. M.	32,488	33,631	159	397
ARIZ.	9,524	12,211	134	187
UTAH. . . .	30,479	16,762	97	421
NEV.	3,033	5,542	109	85
IDAH. . . .	32,064	23,332	260	421
WASH. . . .	57,505	40,433	787	3,065
OREGON . . .	47,070	33,312	536	1,969
CALIF. . . .	90,696	121,202	2,855	422,199
U. S.	6,147,635	6,242,205	47,591	133,927

All-Wheat Acreage.

The following table shows the winter, spring and total wheat acreage planted since and including the year 1909:

Year.	Winter, Acres.	Spring, Acres.	Total, Acres.
1909.	27,151,000	17,111,000	44,262,000
1910.	27,329,000	18,352,000	45,681,000
1911.	29,162,000	20,381,000	49,543,000
1912.	26,571,000	19,243,000	45,814,000
3 Years. . . .	83,062,000	57,976,000	141,038,000
1913.	31,699,000	18,485,000	50,184,000
1914.	36,008,000	17,533,000	53,541,000
1915.	41,308,000	19,161,000	60,469,000
3 Years. . . .	109,015,000	55,179,000	164,194,000
1916.	34,709,000	17,607,000	52,316,000
1917.	27,430,000	18,511,000	45,941,000
1918.	36,392,000	22,489,000	58,881,000
3 Years. . . .	98,531,000	58,607,000	157,138,000

APRICOT TREES AND PRODUCTION.

California dominates the apricot industry, where production almost doubled in ten years. In the United States in 1910 there were 3,669,714 trees of bearing age and 956,202 not then of bearing age, the production being 4,150,263 bushels, of which total California produced 4,066,823 bushels. The farms that reported having bearing trees were 139,167, and the farms having trees not of bearing age were 64,057. In the year 1899 the production of apricots was 2,642,128 bushels. In the year 1909 farms reporting trees of bearing age were 139,167 and 64,057 farms had trees not of bearing age.

State.	Trees of Bearing Age.	Trees Not of Bearing Age.	Crop, 1899. Bushels.	Crop, 1909. Bushels.
ALA...	2,342	2,194	115	952
ARIZ...	6,665	6,992	40,578	6,849
ARK...	2,954	4,820	391	1,067
CALIF...	2,992,453	581,254	2,547,064	4,066,823
COLO...	16,841	10,299	2,363	11,403
CONN...	125	497	64	24
DEL...	138	52	28	4
D. C...	5			
FLA...	112	66	68	6
GA...	1,611	1,079	98	440
IDAHO...	6,938	10,384	550	1,108
IND...	7,337	2,879	747	1,147
ILL...	12,323	4,246	1,437	1,250
IOWA...	5,949	2,290	378	648
KAS...	187,381	28,134	4,236	374
KY...	3,545	2,852	392	1,388
LA...	596	929	89	163
ME...	93	59		25
MD...	1,747	1,127	313	365
MASS...	654	258	25	148
MICH...	4,447	2,450	730	1,508
MINN...	66	175	19	2
MISS...	4,906	4,983	772	2,277
MO...	16,503	5,612	583	1,280
MONT...	410	245	1	88
NEB...	20,451	8,169	333	864
NEV...	1,035	879	280	524
N. H...	128	85	2	27
N. J...	582	504	201	178
N. M...	8,202	8,373	6,637	2,379
N. Y...	16,050	3,537	15,710	9,805
N. C...	2,614	1,531	245	425
N. D...	11	87		10
OHIO...	5,462	1,873	449	835
OKLA...	173,515	62,930	569	1,123
ORE...	10,657	13,128	1,665	4,616
PENN...	19,363	7,576	1,632	2,502
R. I...	46	39		5
S. C...	1,916	1,463	120	504
S. D...	144	856		13
TENN...	4,337	3,717	211	1,677
TEX...	66,533	47,895	1,620	1,839
UTAH...	28,978	28,639	5,272	12,047
VT...	47	44		13
VA...	3,853	3,233	678	515
WASH...	36,088	80,722	5,254	10,789
W. VA...	1,947	1,201	145	124
WIS...	593	384	57	100
WYO...	17	121		2
Total.	3,669,714	956,202	2,642,128	4,150,263

MONTHLY PRICES OF POPCORN.

The following table gives the United States estimated average price, cents per bushel, to producers of popcorn, monthly, from 1914 to 1918.

Year.	1914.	1915.	1916.	1917.	1918.
January 15...	172.3	164.7	169.3	180.0	301.9
February 15...	173.1	177.7	163.6	219.0	325.0
November 15...	159.0	140.3	181.7	267.5	593.0
December 15...	160.5	156.2	192.0	299.4	556.0

A PARSON'S MOWING MACHINE.

In 1826 Rev. Patrick Bell, of Scotland, produced a mowing machine, having, in addition to previous inventions, a revolving apron or endless web for gathering. This is the oldest machine which came into general use. McCormick's cutting apparatus adopted in 1851 gave it renewed life.

WHERE FOOT ROT CAME FROM.

In 1826, according to a letter written by Hon. Wm. Jarvis, a great importer of sheep, foot rot was brought into this country with the sheep imported from Saxony in this year. He also said: "Foot rot was totally unknown among Spanish Merinos.

ALFALFA, 1915-1916, AND MILLETS.

The United States government report by the Department of Agriculture shows that in 1915 alfalfa produced was 19,046,000 tons, but in 1916 the unfavorable season reduced the crop to 16,591,000 tons. The millets also decreased from 3,561,000 tons in 1915 to 3,133,000 tons in 1916. This alfalfa statement should be studied in connection with the census reports of 1899 and 1909.

State.	ALFALFA,		MILLETS,	
	1915. Tons.	1916. Tons.	1915. Tons.	1916. Tons.
ALA...	31,000	18,000	27,000	36,000
ARIZ...	358,000	527,000	9,000	12,000
ARK...	89,000	70,000	45,000	37,000
CAL...	1,819,000	1,838,000		
COL...	1,665,000	1,213,000	43,000	60,000
CONN...	3,000	5,000	20,000	17,000
DEL...			7,000	5,000
FLA...	16,000	19,000	4,000	3,000
GA...	969,000	888,000	28,000	26,000
IDAHO...	270,000	270,000	115,000	121,000
ILL...	167,000	166,000	76,000	66,000
IOWA...	252,000	290,000	189,000	122,000
KAS...	2,478,000	1,588,000	325,000	182,000
KY...	57,000	71,000	94,000	106,000
LA...	42,000	43,000	13,000	9,000
ME...			60,000	61,000
MD...	19,000	27,000	9,000	14,000
MASS...	28,000	30,000	49,000	53,000
MICH...	242,000	284,000	52,000	44,000
MINN...	97,000	157,000	162,000	175,000
MISS...	21,000	21,000	4,000	7,000
MO...	241,000	261,000	278,000	240,000
MONT...	961,000	715,000	15,000	14,000
NEB...	2,866,000	2,646,000	410,000	346,000
NEV...	601,000	427,000		
N. H...	3,000	4,000	30,000	38,000
N. J...	52,000	44,000	16,000	12,000
N. M...	323,000	248,000	22,000	19,000
N. Y...	330,000	364,000	110,000	109,000
N. C...	16,000	15,000	23,000	18,000
N. D...	132,000	141,000	139,000	186,000
OHIO...	243,000	202,000	41,000	41,000
OKLA...	671,000	487,000	190,000	74,000
ORE...	468,000	430,000		
PENN...	130,000	156,000	87,000	78,000
R. I...	1,000	1,000	6,000	6,000
S. C...	11,000	13,000	11,000	6,000
S. D...	561,000	583,000	244,000	194,000
TENN...	35,000	58,000	216,000	203,000
TEX...	13,000	38,000	84,000	86,000
UTAH...	749,000	600,000	10,000	8,000
VT...	13,000	25,000	46,000	67,000
VA...	47,000	64,000	57,000	64,000
WASH...	523,000	441,000		10,000
W. Va...	22,000	32,000	44,000	38,000
WIS...	361,000	243,000	90,000	89,000
WYO...	883,000	741,000	61,000	31,000
Total	19,046,000	16,591,000	3,561,000	3,133,000

BUTTER, CHEESE, MILK.

The following tabulated statement is the census of the manufacture of butter, cheese and condensed milk in the United States. Comparative statistics: 1909 and 1914.

Number of establishments...	1909.		1914.	
Principal Materials.				
Milk.				
Pounds...	9,888,727,303		8,431,632,860	
Cost...	\$ 118,675,613		\$ 114,314,929	
Cream.				
Pounds...	1,406,143,908		2,383,828,265	
Cost...	\$ 95,025,507		\$ 160,916,828	
Products.				
Total value...	\$ 275,277,090		370,818,729	
Butter.				
Pounds...	627,145,865		786,013,489	
Value...	\$ 180,171,790		\$ 223,179,254	
Cheese.				
Pounds...	311,175,730		377,506,100	
Value...	\$ 43,245,669		\$ 50,931,925	
Condensed and Evaporated Milk.				
Pounds...	495,197,844		884,646,761	
Value...	\$ 33,587,207		\$ 59,374,948	
Powdered Milk.				
Pounds...	Not reported.		21,987,911	
Value...	Not reported.		\$ 2,081,607	
Sugar of Milk.				
Pounds...	Not reported.		4,051,320	
Value...	Not reported.		\$ 400,613	
All other products...	\$ 18,269,424		\$ 34,850,382	

In 1824, by act of Parliament, the English acre was required to contain 4,840 square yards,

PRODUCTION OF ALMONDS.

This statement is from the last census. California reported having 6,319 farms reporting trees growing almonds, and all the other states having but 1,496. The production in the year 1909 was 6,793 pounds, and ten years previous, in 1899, the production was 7,142,710 pounds.

State.	1910.		1910.	
	Trees of Bearing Age.	Trees Not of Bearing Age.	Production, Pounds.	Value, Dollars.
ALA....	51	580	484	51
ARIZ....	6,639	845	33,759	4,193
ARK....	1,100	307	3,330	622
CALIF..	1,166,730	365,961	6,692,513	700,304
COLO....	130	47	341	63
DEL....	9	4	100	10
FLA....	44	275	425	37
GA....	130	3,196	1,200	150
IDAHO..	230	363	417	46
ILL....	48	.....	505	51
IND....	2	1	20	2
IA....	3	.....	.....	.....
KAS....	401	109	3	.....
KY....	2	7	50	10
LA....	29	117	455	44
ME....	5	.....	.....	.....
MD....	43	65	180	2
MASS..	21	10	200	24
MICH..	10	3	280	51
MINN..	1	2	.....	.....
MISS...	81	1,169	496	53
MO....	144	65	334	67
MONT..	.....	4	.....	.....
NEB....	.....	6	.....	.....
NEV....	859	495	7,550	606
N. J....	11	10	.....	.....
N. M....	107	205	530	89
N. Y....	1	8	.....	.....
N. C....	97	132	234	27
OKLA..	194	149	2,447	121
ORE....	3,960	4,117	17,515	2,468
PENN..	68	26	500	50
S. C....	78	162	440	58
S. D....	.....	.....	.....	.....
TENN..	58	129	410	13
TEX....	4,534	1,528	16,932	1,618
UTAH..	1,408	664	10,664	1,014
VT....	1	.....	.....	.....
VA....	34	12	165	17
WASH..	695	8,800	770	86
W. VA..	3	.....	290	23
WIS....	1	.....	.....	.....
Total.	1,187,962	389,576	6,793,539	711,970

WORLD'S CROP OF COTTON.

The crop of cotton is not limited to the United States by any means. Egypt and British East Indies are also important. The list could be more complete, but the government made it recently.

Country.	1913.		1914.		1915.	
	Bales.	Bales.	Bales.	Bales.	Bales.	Bales.
Brazil....	320,000	385,000	440,000	.....	.....	.....
Ceylon....	28	47	.....	.....	.....	.....
Chile....	740	.....	.....	.....	.....	.....
Corea....	32,787	.....	.....	.....	.....	.....
Cyprus....	9,655	9,498	5,619	.....	.....	.....
Danish W.I.	745	290	.....	.....	.....	.....
Dominican R.	1,140	771	.....	.....	.....	.....
Ecuador....	757	165	.....	.....	.....	.....
Egypt....	1,588,000	1,425,000	1,349,000	.....	.....	.....
French Africa.	1,104	1,128	.....	.....	.....	.....
German Africa.	12,431	.....	.....	.....	.....	.....
Haiti....	8,970	.....	.....	.....	.....	.....
India, Eng..	3,858,000	4,239,000	4,359,000	.....	.....	.....
India, Dutch.	18,966	.....	.....	.....	.....	.....
Italian Africa.	751	378	.....	.....	.....	.....
Japan....	4,462	4,582	.....	.....	.....	.....
Malta....	473	411	384	.....	.....	.....
Oceanica, British.	49	14	13	.....	.....	.....
Oceanica, French	1,182	1,596	2,124	.....	.....	.....
Peru....	110,314	105,617	.....	.....	.....	.....
Philippines.	6,998	6,098	6,098	.....	.....	.....
Porto Rico.	569	693	739	.....	.....	.....
Siam....	6,111	.....	.....	.....	.....	.....
South Africa.	42,916	45,437	33,407	.....	.....	.....
Sudan....	10,737	7,901	.....	.....	.....	.....
Transcaucasia	119,821	132,198	132,649	.....	.....	.....
Turkestan..	953,281	1,176,477	1,424,114	.....	.....	.....
U. S....	14,156,000	16,135,000	11,192,000	.....	.....	.....
West Indies.	5,515	3,020	4,762	.....	.....	.....

In 1824 the Acadians in Louisiana introduced a new method by which tobacco was cured under intense pressure in its own juice.

ONIONS, TOMATOES AND TURNIPS.

The number of farms on which onions, tomatoes and turnips are specially produced and the amount of acreage devoted to these crops is only ascertained once in ten years. These are the figures of the last census: 14,989 farms devoted 47,625 acres to onions, 64,751 farms devoted 207,379 acres to tomatoes and 11,732 farms devoted 22,324 acres to turnips.

State.	Onions.		Tomatoes.		Turnips.	
	Farms.	Acres.	Farms.	Acres.	Farms.	Acres.
ALA....	65	92	289	566	206	738
ARIZ....	42	87	29	46	15	32
ARK....	67	108	513	1,704	217	332
CALIF..	572	4,391	935	5,932	190	418
COLO....	193	577	486	1,646	101	164
CONN..	117	282	613	621	467	742
DEL....	19	24	4,234	13,108	35	59
D. C..	3	5	52	133	33	68
FLA....	51	80	2,580	12,338	44	85
GA....	122	189	402	7,562	224	445
IDAHO..	59	85	29	42	23	35
ILL....	1,136	3,315	2,339	5,316	336	677
IND....	1,111	4,048	4,890	18,472	344	579
IOWA..	371	849	621	2,055	105	169
KAS....	131	243	558	1,237	136	336
KY....	1,100	1,959	1,433	3,574	205	307
LA....	690	2,909	258	448	216	425
MAINE..	13	25	46	60	332	472
MD....	67	111	9,741	42,721	501	965
MASS..	718	2,493	680	1,228	620	1,068
MICH..	578	1,130	1,434	2,850	898	1,497
MINN..	585	1,099	318	499	260	443
MISS..	4	52	1,265	3,651	174	234
MO....	227	348	3,845	11,083	499	753
MONT..	56	119	13	16	39	69
NEB....	97	163	145	282	60	92
NEV....	39	124	9	10	9	17
N. H....	15	29	21	51	49	68
N. J....	697	1,417	6,273	26,552	526	1,410
N. M....	53	97	17	34	47	75
N. Y....	1,518	5,558	3,670	8,636	1,255	2,727
N. C....	58	81	162	359	232	383
N. D....	26	37	3	3	47	88
OHIO..	1,351	6,132	3,733	8,263	454	684
OKLA..	172	386	155	315	44	101
ORE....	218	721	129	203	80	141
PENN..	339	551	2,919	4,204	747	1,752
R. I....	24	152	92	187	109	196
S. C....	35	44	86	146	92	289
S. D....	58	104	33	62	48	93
TENN..	143	235	2,750	5,803	395	807
TEXAS..	964	5,170	2,496	6,035	375	655
UTAH..	57	72	590	1,571	170	302
VT....	23	29	14	18	35	61
VA....	522	787	3,957	11,965	340	592
WASH..	192	415	190	364	57	87
W. VA..	27	25	585	1,816	117	163
WIS....	304	650	293	363	363	685
WYO....	13	16	4	5	24	33
U. S....	14,989	47,625	64,751	207,379	11,732	22,324

BROOM CORN CROP OF 1917.

The five states growing broom corn produced 51,838 tons in the year 1897, of which Oklahoma produced more than half. Kansas also is becoming important in growing broom corn.

State.	Yield		Production.
	Planted, Acres.	Per Acre, Tons.	
ILL....	30,000	0.275	8,250
KAS....	60,000	.200	12,000
TEAS..	4,000	.172	688
OKLA..	175,000	.150	26,250
COLO....	30,000	.155	4,650
Total.....	299,000	0.173	51,838

BUYING THE ROOT GINSENG.

On August 1st, 1825, the following advertisement appeared in the Indianapolis Journal: "Henderson & Blake will give six cents a pound in specie for all the fresh-dug Ginseng that is delivered to them. The Ginseng must not be washed, but be free from curls and cut roots."

A SEED ADVERTISEMENT.

In 1825, on March 15th, the following advertisement appeared in the Indianapolis Journal: "Seed oats and potatoes. The subscriber has for sale at his residence on Circle street, Indianapolis, a quantity of seed oats, largely Early Blue, White Marino and red potatoes." The advertisement was signed by Isaac Coc.

FERTILIZER TONNAGE.

This tabulated statement is published by courtesy of the American Fertilizer Handbook, published by Ware Bros. Company, 1010 Arch street, Philadelphia, Pa. The table represents the amount of fertilized material used on farms. The years are 1911, 1916 and 1917. In 1914 the fertilizer consumption was 7,517,528.

State.	1911. Tons.	1916. Tons.	1917. Tons.
ALA.....	440,000	206,000	210,000
ARIZ.....	350	600	500
ARK.....	40,900	63,600	58,500
CALIF.....	49,700	29,415	43,961
COLO.....	500	1,000	1,000
CONN.....	45,000	90,000	115,000
DEL.....	25,000	45,000	50,000
FLA.....	183,347	212,250	214,088
GA.....	1,202,722	741,347	895,897
IDAHO.....	500	500	500
ILL.....	60,000	75,000	75,000
IND.....	179,839	132,159	156,000
IOWA.....	2,000	5,000	5,000
KAS.....	1,500	7,940	7,600
KY.....	65,000	62,000	93,000
LA.....	91,085	96,426	98,264
MAINE.....	110,000	155,000	160,923
MD.....	158,000	154,000	191,900
MASS.....	72,000	65,000	70,000
MICH.....	45,000	70,000	91,455
MINN.....	2,000	5,000	6,000
MISS.....	148,237	75,667	76,717
MO.....	41,685	41,000	65,000
MONT.....	600	1,000	1,000
NEB.....	300	500	500
NEV.....	500	1,000	1,000
N. H.....	15,000	1,000	20,000
N. J.....	135,000	129,800	176,183
N. M.....	200	500	500
N. Y.....	400,000	500,000	525,000
N. C.....	711,380	650,000	849,728
N. D.....	500	700	1,000
OHIO.....	118,000	187,848	165,857
OKLA.....	8,000	20,000	21,000
OREGON.....	3,000	6,500	7,000
PENN.....	315,000	268,455	332,309
R. I.....	12,000	13,000	15,000
S. C.....	1,048,806	833,624	850,790
S. D.....	200	1,500	2,500
TENN.....	65,000	91,128	99,584
TEXAS.....	52,985	39,845	40,500
UTAH.....	600	1,000	1,000
VT.....	20,000	27,000	30,000
VA.....	359,465	369,520	496,217
WASH.....	1,300	3,000	1,000
W. VA.....	31,500	40,000	41,000
WIS.....	2,500	5,000	6,500
WYO.....	125	500	500
U. S.....	6,348,305	5,583,049	6,423,043
PORTO RICO.....	25,800	37,725	45,767

MONTHLY MARKETING OF WHEAT BY FARMERS.

		Estimated Amount Sold Monthly by Farmers of the United States (Millions of Bushels).			
		1917-	1916-	1915-	1914- 1913-
Month.		18.	17.	16.	15.
July.....	41	83	60	141	108
August.....	60	141	94	106	88
September.....	108	141	122	125	94
October.....	101	87	123	100	85
November.....	77	60	105	83	64
December.....	43	35	94	60	50
January.....	26	45	58	41	44
February.....	22	20	58	46	32
March.....	21	24	32	26	28
April.....	23	19	33	37	19
May.....	17	19	40	22	23
June.....	12	13	31	17	25
Season.....	560	620	851	804	660

A PENNSYLVANIA HOG.

In October of 1825 a fat hog news item appearing gave some idea of swine raising at the time. "A hog is feeding in Forks Township, Northampton county, Pennsylvania, that weighs more than 800 pounds; is eight feet nine inches long and seven feet in circumference. He is rapidly increasing in bulk and expected to weight above 1,000 pounds at Christmas."

YEARLY MARKETING OF LIVE STOCK.

The following tabulated statement furnished by the United States Department of Agriculture gives the combined receipts and shipments of hogs, cattle and sheep at Chicago, Kansas City, Omaha, St. Louis, Sioux City, St. Joseph and St. Paul yearly since 1900. The receipts less shipments represent the home slaughter at the combined seven markets. The shipments include the stock sold for shipment and slaughter elsewhere.

CATTLE AT SEVEN MARKETS.

Year.	Receipts.	Shipments.	Slaughtered.
1900.....	7,179,344	3,793,308	3,386,036
1901.....	7,708,839	3,888,460	3,850,379
1902.....	8,375,408	4,292,705	4,082,703
1903.....	8,878,789	4,490,748	4,388,041
1904.....	8,690,699	4,552,554	4,138,145
1905.....	9,202,082	4,964,753	4,237,330
1906.....	9,373,825	5,026,689	4,347,136
1907.....	9,590,710	5,360,790	4,229,920
1908.....	8,827,360	4,936,731	3,890,629
1909.....	9,189,312	5,181,446	4,007,866
1910.....	9,116,687	5,122,984	3,993,703
1911.....	8,629,109	4,805,766	3,823,343
1912.....	8,061,494	4,318,648	3,742,846
1913.....	7,904,553	4,596,085	3,308,467
1914.....	7,182,239	3,933,663	3,248,576
1915.....	7,963,591	3,944,152	4,019,439
1916.....	9,319,851	4,713,700	4,606,151
1917.....	11,241,038	5,676,015	5,565,023
1918.....	12,064,416	5,749,835	6,314,581

HOGS AT SEVEN MARKETS.

Year.	Receipts.	Shipments.	Slaughtered.
1900.....	18,573,177	5,336,826	13,236,351
1901.....	20,339,861	5,772,717	14,567,147
1902.....	17,289,427	4,130,675	13,158,752
1903.....	16,780,250	4,233,572	12,546,678
1904.....	17,778,827	5,254,545	12,524,282
1905.....	18,988,933	5,614,309	13,374,627
1906.....	19,223,792	5,440,333	13,783,459
1907.....	19,544,617	5,993,668	13,551,948
1908.....	22,863,701	7,288,403	15,575,298
1909.....	18,854,641	6,381,667	12,472,974
1910.....	14,853,472	4,628,760	12,224,712
1911.....	19,926,547	6,418,246	13,508,301
1912.....	19,771,825	6,096,906	13,674,919
1913.....	19,924,331	6,414,815	13,509,512
1914.....	18,272,091	5,816,069	12,456,022
1915.....	21,031,405	6,823,983	14,207,422
1916.....	25,345,802	8,264,752	17,081,050
1917.....	20,945,301	7,151,995	13,793,306
1918.....	25,461,514	7,111,935	18,349,579

SHEEP AT SEVEN MARKETS.

Year.	Receipts.	Shipments.	Slaughtered.
1900.....	7,061,466	2,500,686	4,560,780
1901.....	7,708,359	2,712,866	5,085,493
1902.....	9,177,050	3,561,060	5,615,990
1903.....	9,680,692	3,983,310	5,697,382
1904.....	9,604,812	4,203,834	5,400,978
1905.....	10,572,259	4,725,872	5,846,387
1906.....	10,864,337	5,046,366	5,820,071
1907.....	9,857,877	4,519,000	5,308,877
1908.....	9,833,640	4,489,295	5,344,345
1909.....	10,284,905	4,172,388	6,112,517
1910.....	12,366,375	6,013,215	6,353,160
1911.....	13,521,492	5,891,034	7,630,458
1912.....	13,733,980	5,369,402	8,364,578
1913.....	14,037,839	6,046,260	7,991,570
1914.....	13,272,491	5,331,449	7,941,042
1915.....	11,160,246	4,370,504	6,789,742
1916.....	11,639,022	4,640,615	6,999,407
1917.....	10,017,353	4,534,489	5,482,864
1918.....	12,936,068	5,388,838	7,547,230

THE YIELD OF HOPS.

The 1917 yield of hops so far estimated is not large and is confined to four states. We present herewith the crop estimates of 1915, 1916 and 1917:

State.	1915.	1916.	1917
	Estimate.	Estimate.	Forecast.
	Pounds.	Pounds.	Pounds.
NEW YORK.....	3,060,000	2,512,000	2,800,000
WASHINGTON.....	7,466,000	6,825,000	4,116,000
OREGON.....	21,000,000	19,000,000	5,000,000
CALIFORNIA.....	21,460,000	22,200,000	15,700,000
	52,986,000	50,537,000	27,616,000

AUSTRALIAN EXHIBIT.

In the year 1825, at a meeting of the Australian Agricultural Society, Mary Kelly received an award of twenty Spanish dollars for an exhibit of silk, and at the same meeting a threshing machine made by John Blaxland was exhibited.

CANTALOUPE, WATERMELONS, PUMPKINS.

According to the last census enumeration, 16,278 farms occupy 52,419 acres with the production of cantaloupes (and muskmelons), 35,345 farms occupy 137,005 acres with the production of watermelons and 361 farms cultivate 1,163 acres for the special production of pumpkins. These tables being arranged side by side and state by state, form an interesting basis of information. It is the latest available.

State.	Cantaloupes. Farms.	Cantaloupes. Acres.	Watermelons. Farms.	Watermelons. Acres.	Pumpkins. Farms.	Pumpkins. Acres.
ALA...	122	285	1,786	4,708	1	2
ARIZ...	110	452	323	735	21	54
ARK...	448	994	1,768	3,410	...	...
CALIF.	656	5,784	983	6,065	137	511
COLO.	738	3,970	210	4,67	8	15
CONN.	70	159	30	54	4	7
DEL...	551	1,163	320	859	3	6
D. C.	32	69	5	9	1	2
FLA...	408	3,408	1,627	17,711	1	2
GA...	368	3,022	3,255	16,298	...	...
IDAHO.	61	213	75	165	1	1
ILL...	927	2,332	1,192	6,211	12	89
IND...	994	3,855	1,677	7,915	...	...
IOWA.	234	764	477	3,464	4	24
KAS...	203	417	1,029	3,317	4	24
KY...	357	594	779	1,690	...	...
LA...	209	371	800	1,278	1	1
MAINE.	3	4	...	...	4	5
MD...	1,193	3,516	658	2,432	2	4
MASS.	32	61	21	31	10	42
MICH.	841	1,829	238	439	5	19
MINN.	195	453	59	103	7	13
MISS...	66	122	1,054	1,794	...	...
MO...	758	1,701	1,709	10,727	7	11
MONT.	4	5	16	30	...	...
NEB...	61	112	295	725	5	16
NEV...	57	399	24	34	1	4
N. H.	7	9	...	...	1	1
N. J.	1,494	3,861	896	2,226	24	67
N. M.	131	491	154	287	16	24
N. Y.	529	978	71	89	14	35
N. C.	626	2,256	1,895	5,825	...	...
N. D.	...	...	77	96	...	...
OHIO.	815	1,665	377	777	6	8
OKLA.	258	655	1,623	5,923	4	7
OREGON.	61	113	104	563	7	8
PENN.	216	333	128	241	6	9
R. I.	21	48	3	5	1	20
S. C.	214	977	1,082	5,051	...	...
S. D.	18	31	119	212	10	12
TENN.	506	1,456	1,372	2,398	2	4
TEXAS.	795	1,685	5,271	18,466	12	71
UTAH.	109	192	87	137	2	2
VT...	13	31	4	10	2	6
VA...	491	969	1,304	3,159	5	12
WASH.	111	310	98	214	3	3
W. VA.	54	128	149	473	2	16
WIS...	111	187	105	168	4	5
WYO...	...	...	G	9	1	1

U. S. 16,278 52,419 35,345 137,005 361 1,163

MEAT PRODUCTS EXPORTED.

In the year 1914 meat products were exported to the value of \$137,737,493, which increased to \$259,064,321 in the year 1915, and increased again to the value of \$279,198,960 in the year 1916. The statement herewith is from the reports of the United States Department of Commerce.

	1914. Pounds.	1915. Pounds.	1916. Pounds.
Beef, canned	30,734,748	69,999,828	54,026,922
Beef, fresh...	31,422,463	268,813,397	181,979,031
Beef, pickled	25,779,449	42,746,813	36,681,148
Oleo. Oil...	85,144,327	109,185,783	83,891,673
Oleomarg.	2,292,690	6,775,163	6,309,380
Tallow...	9,980,066	26,568,075	15,338,057
Bacon...	184,267,850	524,138,245	592,617,529
Hams and S.	142,398,301	266,442,319	287,161,195
Lard...	438,015,898	451,286,439	426,659,599
Neat'l Lard.	21,797,521	35,389,913	27,314,774
Pork, canned.	2,786,415	7,928,914	7,263,042
Pork, fresh.	1,250,977	24,230,183	55,172,868
Pork, pickled	37,006,108	59,047,897	55,148,024
Lard Comp.	63,555,911	63,689,985	49,821,709
Mutton....	3,847,093	4,230,928	5,157,883
Sausage....	5,092,436	13,345,189	11,998,350

In the year 1826 an agricultural school was founded as a private institution at Grignon, near Paris. The oldest agricultural institution in France.

POP CORN, SWEET CORN AND GREEN PEAS.

The extent of acreage devoted to pop corn, sweet corn and to green peas, together with the number of farms engaged in each kind of industry, is presented herewith. The figures represent a normal year and were compiled by the United States Census.

Produce. State.	Pop Corn. Farms.	Pop Corn. Acres.	Sweet Corn. Farms.	Sweet Corn. Acres.	Green Peas. Farms.	Green Peas. Acres.
ALA...	12	16	57	175	191	426
ARIZ...	1	2	37	106	21	37
ARK...	16	24	74	145	79	180
CALIF.	59	361	809	2,854	787	3,427
COLO.	24	97	342	950	101	654
CONN.	12	19	902	2,142	124	232
DEL...	3	3	272	1,341	384	1,234
D. C.	...	...	23	47	20	40
FLA...	1	1	130	275	259	613
GA...	50	93	229	444	265	933
IDAHO	9	13	64	115	24	95
ILL...	189	998	2,431	19,276	340	2,821
IND...	109	357	2,058	7,977	771	4,084
IOWA.	428	5,345	2,013	12,568	58	397
KAS...	193	520	1,423	3,653	55	257
KY...	15	19	409	1,103	411	678
LA...	67	89	251	1,218	86	182
MAINE.	8	11	3,549	8,693	158	257
MD...	9	17	2,630	18,387	1,179	6,030
MASS.	31	93	1,976	4,942	288	547
MICH.	200	362	2,433	5,726	926	4,548
MINN.	73	266	803	2,829	141	516
MISS...	4	6	51	112	251	435
MO...	87	226	1,144	2,858	97	301
MONT.	...	...	79	164	7	10
NEB...	213	2,167	851	3,167	5	7
NEV...	...	...	18	23	3	7
N. H.	8	16	267	589	26	33
N. J.	17	34	2,705	10,442	876	4,912
N. M.	1	7	20	41	12	16
N. Y.	188	344	6,584	23,739	4,501	16,992
N. C.	7	16	211	369	339	835
N. D.	4	9	75	141	6	10
OHIO.	172	439	4,591	17,298	538	2,000
OKLA.	54	98	240	548	32	48
OREGON	14	54	211	457	60	116
PENN.	50	107	4,896	11,764	250	553
R. I.	4	4	317	790	76	205
S. C.	5	8	33	91	227	551
S. D.	31	81	194	579	6	82
TENN.	18	23	134	365	217	386
TEXAS.	52	92	167	418	311	742
UTAH.	8	16	75	120	138	323
VT...	8	48	285	1,110	26	39
VA...	10	18	751	2,101	1,053	2,292
WASH.	11	62	255	561	105	352
W. VA.	6	7	455	878	43	72
WIS...	54	184	95	3,789	1,340	11,182
WYO...	...	...	24	44	...	...

Total. 2,523 12,773 48,514 178,224 17,219 70,487

RICE PRODUCTION OF 1917.

The final estimate of rice production of 1917 shows an increased acreage. A reduction of the production from 47 bushels per acre in 1916 to 37.6 bushels in 1917 brought about the decreased total crop.

State.	Planted Acres.	Yield Per Acres.	Production, Bushels.
ALA.....	400	27.0	12,000
ARK.....	146,200	41.0	5,994,000
CALIF.....	80,000	70.0	5,600,000
FLA.....	800	24.0	21,000
GA.....	900	30.0	27,000
LA.....	500,000	36.5	18,250,000
MISS.....	2,100	30.0	63,000
MO.....	400	45.0	18,000
N. C.....	300	26.0	8,000
S. C.....	3,000	25.0	75,000
TEXAS.....	230,000	27.0	6,210,000
U. S.....	964,100	37.6	36,278,000

HISTORICAL DROVE OF HOGS.

In 1826 the first drove of hogs on record as being received at Chicago were driven from the Wabash river during the winter of 1826-7. They were brought in by Gurdan S. Hubbard, who sold them to the soldiers at Fort Howard and the citizens surrounding the fort.

In 1823 Berkshire swine were introduced into the United States by John Brentnall, an English farmer living in New Jersey.

SMALL FRUIT FARMS.

In the United States, during the last census year, 1909, a total of 272,460 farms produced more or less small fruits, and on some farms more than one berry was raised. The farms reported as raising strawberries were 245,544; blackberries and dewberries, 141,157; raspberries and Loganberries, 116,929; cranberries, 3,910; currants, 62,093; gooseberries, 58,567; and other berries, 609. The total production was 426,565 quarts, and valued at \$29,974,481. Ten years previous the number of farms reporting were 309,770, and the production was 463,218,612 quarts.

The tabulated statement presented here-with represents the number of farms in each state growing different kinds of berries.

State.	Strawberries, Farms...	Blackberries, Farms...	Raspberries, Farms...	Cranberries, Farms...	Currants, Farms...	Gooseberries, Farms...
ALA....	1,958	632	169	1	15	40
ARIZ....	68	40	17	.....	10	4
ARK....	3,869	1,430	449	4	58	391
CALIF..	2,282	3,190	2,524	12	364	343
COLO..	1,231	384	1,071	.....	1,049	842
CONN..	2,260	555	943	105	570	130
DEL....	3,625	650	237	.....	23	39
D.OF C.	16	2	.....	.....	.....	1
FLA....	1,014	210	8	.....	3	.....
GA....	1,394	648	159	.....	36	10
IDAHO..	1,005	500	2,086	.....	1,374	1,391
ILL....	10,311	14,138	8,156	166	3,635	8,131
IND....	5,433	5,216	4,104	3	2,690	4,088
IA....	19,871	15,874	12,574	4	6,906	6,382
KY....	3,967	6,912	1,678	.....	299	1,923
LA....	3,983	8,011	1,650	.....	295	1,336
ME....	874	187	7	.....	.....	.....
MD....	3,464	1,464	1,051	536	1,076	824
MASS..	7,468	979	1,333	.....	366	365
MICH..	4,654	1,368	1,506	1,350	1,536	330
MICH..	16,798	4,707	11,075	91	3,458	1,637
MINN..	9,420	848	4,890	264	3,053	1,807
MISS..	785	672	100	.....	11	3
MO....	13,429	22,971	5,631	103	1,672	9,091
MONT..	619	129	361	1	654	350
NEB....	3,425	1,982	1,128	.....	1,669	2,016
NEV....	19	11	33	.....	79	99
N. J....	6,086	2,153	1,450	.....	414	377
N. H....	1,594	532	657	233	838	139
N. M....	54	54	50	1	74	125
N. Y....	14,086	4,882	13,187	88	7,528	1,696
N. C....	5,668	2,655	331	5	89	127
N. D....	883	75	923	29	2,378	1,857
OHIO..	8,799	4,207	6,175	25	2,861	2,208
OKLA..	1,182	6,220	387	.....	212	151
ORE....	3,701	1,307	3,294	17	877	1,465
PENN..	13,515	4,892	8,990	55	5,375	1,999
R. I....	545	69	154	127	130	43
S. C....	1,383	675	79	.....	30	5
S. D....	1,836	112	519	7	1,448	1,271
TENN..	6,046	3,884	830	.....	52	141
TEX....	1,423	5,459	224	.....	49	11
UTAH..	1,049	247	1,291	.....	1,043	851
VT....	1,240	423	591	29	992	244
VA....	4,651	1,586	1,121	2	205	239
WASH..	4,323	1,818	3,617	4	1,287	1,199
W. VA..	2,468	3,829	3,905	4	658	781
WIS....	12,084	2,272	6,132	229	3,853	1,841
WYO....	146	6	80	.....	303	234

CORN MOVEMENT BY GRADES.

Receipts and Shipments of Corn at 96 Markets, From November 1, 1917, to July 14, 1918, by Grades, as Reported by the Bureau of Markets, United States Department of Agriculture.

By this table farmers will be able to see the quality of corn that is shipped to market.

Grade.	Receipts, Car-loads.	Per Cent.	Shipments, Car-loads.	Per Cent.
No. 1.....	1,663	0.7	285	.02
No. 2.....	14,353	5.7	9,044	7.6
No. 3.....	48,660	19.3	49,273	38.7
No. 4.....	47,253	18.7	27,000	22.6
No. 5.....	37,832	15.0	9,496	7.9
No. 6.....	32,899	13.0	10,475	8.8
Sample.....	69,510	27.6	16,971	14.2
Total.....	252,170	100.0	119,544	100.0

SMALL FRUITS, 1899 AND 1909.

The figures below are census figures, showing the total acreage in small fruits in all states, acreage 1899 and 1909, side by side, and production of small fruits in the last census year. No later figures are available, but we will get new figures when the census is taken next year.

State.	1899, Acres.	1909, Acres.	Production, 1909, Quarts.
ALABAMA....	761	1,232	1,907,193
ARIZONA....	79	76	112,190
ARKANSAS..	10,819	8,032	8,965,572
CALIFORNIA.	6,281	9,687	26,824,120
COLORADO..	2,347	2,829	4,234,928
CONNECTICUT.	1,587	1,597	3,823,522
DELAWARE..	10,599	8,687	14,225,209
DIST. OF COL.	82	12	24,109
FLORIDA....	1,348	1,356	2,396,573
GEORGIA....	1,634	988	1,262,155
IDAHO.....	957	1,673	2,071,141
ILLINOIS...	16,794	11,723	13,602,676
INDIANA...	13,115	5,919	7,424,831
IOWA.....	9,635	7,211	10,344,052
KANSAS....	5,824	5,400	5,477,274
KENTUCKY...	6,126	4,387	4,972,702
LOUISIANA..	1,408	3,587	6,420,207
MAINE.....	1,585	1,260	2,285,415
MARYLAND..	17,522	16,595	26,277,054
MASSACHUSETTS.	8,346	9,552	29,260,143
MICHIGAN...	29,197	21,419	27,214,659
MINNESOTA..	3,092	3,738	4,476,575
MISSISSIPPI.	1,594	1,597	1,407,301
MISSOURI...	14,860	17,009	23,696,231
MONTANA...	554	562	766,791
NEBRASKA...	1,171	1,411	1,594,421
NEVADA....	53	37	50,287
N. HAMPSHIRE.	730	618	998,241
NEW JERSEY.	25,350	24,069	38,822,987
NEW MEXICO..	48	66	76,532
NEW YORK...	25,051	22,496	37,857,829
N. CAROLINA..	6,837	6,701	12,827,427
N. DAKOTA...	67	399	285,696
OHIO.....	21,121	11,591	15,721,033
OKLAHOMA...	1,388	2,745	2,310,367
OREGON.....	3,470	5,122	9,348,490
PENNSYLV'IA.	12,271	8,678	13,620,047
R. ISLAND...	581	281	437,560
S. CAROLINA..	591	856	1,408,099
S. DAKOTA...	161	419	401,295
TENNESSEE...	12,944	12,539	13,895,493
TEXAS.....	3,904	5,053	6,182,742
UTAH.....	1,052	1,416	3,118,395
VERMONT....	418	469	826,122
VIRGINIA...	8,796	7,295	11,342,980
WASHINGTON.	2,845	5,508	13,490,930
W. VIRGINIA..	1,994	2,913	2,336,562
WISCONSIN...	12,389	6,305	9,782,779
WYOMING....	37	106	96,893
	309,770	272,460	426,565,863

MARKETING WHEAT BY MONTHS.

One table below explains by quantity when the wheat crop is sold by farmers, and the other table shows the same result by percentage. We have taken some liberties with the government report to make it handier and fit the minds of the inquirers.

Estimated Amount Sold Monthly by Farmers (Mil- lions of Bushels).	Per Cent. of Year's Sales.
1913. 1914. 1915. 1916.	1913. 1914. 1915. 1916.
JAN. 38 44 41 58	5.7 6.7 5.1 6.8
FEB. 31 32 46 58	5.4 4.8 5.7 6.8
MCH. 22 28 26 32	3.7 4.2 3.3 3.8
APR. 22 19 37 33	3.4 2.9 4.6 3.9
MAY. 25 23 22 40	3.8 3.5 2.7 4.7
JUNE. 25 25 17 31	3.3 3.8 2.1 3.6
JULY. 54 108 141 60	8.4 16.3 17.5 7.1
AUG. 68 106 94 94	13.9 13.4 13.2 11.0
SEPT. 104 94 123 122	16.4 14.3 15.5 14.1
OCT. 103 85 100 123	12.9 12.8 12.5 14.5
NOV. 69 64 83 105	8.4 9.7 10.3 12.4
DEC. 55 50 60 94	6.4 7.6 7.5 11.0
Total 635 660 804 850	100.0 100.0 100.0 100.0

In 1870, in his "Treatise on the Vine," Mr. W. H. Prince enumerates eighty-eight varieties of American grapes.

In June, 1830, in the American Turf Register and Sporting Magazine, a contributor suggested that trotting matches at regular periods would be as useful as the running races by thoroughbreds.

BARLEY ON FARMS.

This is a statement by the United States Department of Agriculture, showing the quantity of barley remaining on farms, March 1, 1917, 1918 and 1919.

State.	Bushels. 1917.	Bushels. 1918.	Bushels. 1919.
ALA.....			
ARIZ.....	90,000	81,000	102,000
ARK.....			
CALIF.....	2,999,000	4,698,000	6,864,000
COLO.....	1,126,000	1,497,000	1,478,000
CONN.....			
FLA.....			
GA.....			
IDAHO.....	1,260,000	863,000	1,029,000
ILL.....	307,000	1,365,000	2,790,000
IND.....	69,000	267,000	333,000
IOWA.....	1,566,000	2,730,000	3,969,000
KAS.....	1,800,000	900,000	1,510,000
KY.....	16,000	21,000	24,000
LA.....			
ME.....	37,000	32,000	90,000
MD.....	35,000	19,000	41,000
MASS.....			
MICH.....	4 16,000	581,000	2,250,000
MINN.....	5,748,000	7,574,000	16,058,000
MISS.....			
MO.....	10,000	30,000	50,000
MONT.....	665,000	216,000	766,000
NEB.....	924,000	1,919,000	962,000
NEV.....	49,000	92,000	61,000
N. H.....	2,000	8,000	10,000
N. J.....			
N. M.....	46,000	73,000	78,000
N. Y.....	461,000	832,000	1,221,000
N. C.....			
N. D.....	6,150,000	5,019,000	14,167,000
OKLA.....	5,000	6,000	20,000
OREGON.....	1,078,000	1,003,000	890,000
S. C.....			
S. D.....	3,746,000	7,556,000	14,868,000
OHIO.....	128,000	480,000	724,000
PENN.....	45,000	55,000	84,000
R. I.....			
TENN.....	19,000	5,000	18,000
TEXAS.....	8,000	4,000	2,000
UTAH.....	184,000	317,000	235,000
VT.....	82,000	151,000	129,000
VA.....	33,000	36,000	75,300
WASH.....	1,022,000	937,000	658,000
W. VA.....			
WIS.....	2,928,000	4,800,000	9,899,000
WYO.....	190,000	252,000	444,000
U. S.....	33,244,000	44,419,000	81,899,000

BUCKWHEAT CROP OF 1918.

State.	Planted, of Acres. 1917.	Pro- duction, Bushels.
CONN.....	3,000	108
DEL.....	3,000	105
ILL.....	4,000	101
IND.....	14,000	135
IOWA.....	16,000	150
MAINE.....	16,000	110
MD.....	11,000	102
MASS.....	2,000	105
MICH.....	77,000	103
MINN.....	11,000	100
MISS.....	6,000	95
NEB.....	2,000	100
N. H.....	2,000	110
N. J.....	17,000	105
N. Y.....	330,000	100
N. C.....	14,000	115
OHIO.....	26,000	105
PENN.....	368,000	105
TENN.....	4,000	112
VT.....	14,000	110
VA.....	33,000	101
W. VA.....	47,000	104
WIS.....	25,000	108
U. S.....	1,045,000	104
Latest.....	1,040,000	101

On July 5th, 1822, at Sydney, Australia, was held the preliminary meeting organizing the first Australian Agricultural Society. President, Hon. Baron Field; Patron, Sir Thomas Brisbane; Vice-Presidents, Rev. Samuel Marsden, Wm. Cox, Robert Townson and Hannibal Macarthur; Secretaries, Alexander Berry and George Thomas Palmer.

In 1825 the agricultural implement works of B. F. Avery & Sons were founded at Louisville, Ky.

ALFALFA GROWING RECORDS.

The progress in growing alfalfa is well shown by the increase from 2,694,011 acres in 1899 to 4,707,146 acres in alfalfa in 1909, when the last census was taken. The crop increased from 5,220,671 tons in 1899 to 11,859,881 tons in 1909. The average yield in 1909 was 2.52 tons per acre, and 283,012 farms reported growing alfalfa.

State.	1899. Acreage.	1909. Acreage.	1899. Tons.	1909. Tons.
ALA.....	272	6,987	343	8,006
ARIZ.....	62,585	66,102	137,270	194,534
ARK.....	2,278	15,929	4,444	33,231
CAL.....	298,898	484,134	838,730	1,639,707
COLO.....	455,237	508,892	1,107,471	1,265,915
CONN.....	153	516	204	731
DEL.....	173	205	211	580
D. C.....		28		108
FLA.....		49		63
GA.....	37	545	83	1,079
IDA.....	160,029	308,892	425,706	964,529
ILL.....	9,290	18,344	9,572	52,284
IND.....	844	17,898	1,266	40,320
IOWA.....	2,298	29,143	6,252	84,569
KAS.....	267,376	956,962	601,624	1,998,689
KY.....	808	20,229	1,056	37,978
LA.....	2,365	12,073	4,156	28,146
ME.....	93	174	108	216
MD.....	144	3,188	182	6,806
MASS.....	96	232	102	394
MICH.....	1,087	6,553	1,366	13,872
MINN.....	658	2,238	1,781	6,314
MISS.....	99	9,245	201	16,710
MO.....	2,239	35,478	5,409	96,105
MONT.....	68,959	224,226	186,498	599,747
NEB.....	115,142	685,282	275,334	1,522,136
NEV.....	96,725	90,151	224,331	238,383
N. H.....	26	47	36	97
N. J.....	194	1,386	205	3,251
N. M.....	55,467	102,650	154,973	265,622
N. Y.....	5,582	35,343	13,002	87,042
N. C.....	243	735	392	1,394
N. D.....	2,399	3,033	479	5,638
OHIO.....	16,062	29,439	3,944	70,126
OKLA.....	2,602	206,823	30,108	321,675
ORE.....	53,612	120,427	145,875	375,445
PENN.....	52	4,935	72	9,154
R. I.....	2	7		78
S. C.....	18	138	31	328
S. D.....	13,029	66,183	28,265	153,906
TENN.....	654	5,323	1,173	10,600
TEX.....	18,999	55,332	33,394	97,936
UTAH.....	268,229	284,182	681,515	791,355
VT.....	38	252	45	515
VA.....	349	3,126	521	7,203
WASH.....	35,166	94,900	118,559	357,595
W. VA.....	123	696	198	1,406
WIS.....	460	17,986	838	49,794
WYO.....	74,688	170,431	173,344	397,669
Total.....	2,094,011	5,220,671	4,707,146	11,859,881

(This statement will not appear again.)

PULVERIZED LIMESTONE.

Pulverized limestone continues to be in favor as a soil sweetener, according to reports from producers to G. F. Loughlin, of the United States Geological Survey, Department of the Interior. The states contributing 73 per cent. of the quantity and 75 per cent. of the value of pulverized stone to the trade in 1916 were as follows:

State.	Quantity, (Short Tons).	Value.
NEW YORK.....	102,608	\$164,237
ILLINOIS.....	203,829	185,908
PENNSYLVANIA.....	73,301	129,574
VIRGINIA.....	146,703	106,166
NORTH CAROLINA.....	53,532	77,101
WEST VIRGINIA.....	47,709	74,865
TENNESSEE.....	66,854	64,910
OHIO.....	55,236	54,591
VERMONT.....	27,489	54,535

Twenty-three other states contributed to the total. The average price per ton was \$1.08 in 1916, two cents less than in 1915.

FAMOUS PERCHERON STALLION.

Jean-Le-Blanc, a remarkable Percheron stallion, was foaled in this year. To this sire a great portion of the finest, large Percheron horses trace their origin. He is considered as the great improving agent of his race. He died at thirty-two years of age, the property of M. Miard, of Villiers, Department of Orne. He was a Percheron of the purest blood, strengthened by infusion of the Arab.

PECAN TREES AND PRODUCTION.

In the year 1899 the pecan production of the United States was 3,206,850 pounds, and in the year 1909 the output increased to 9,890,769 pounds. In the year 1910 we had a total of 1,619,521 trees of bearing age and 1,685,066 trees not of bearing age. Farms reporting bearing trees were 37,549, and 43,944 had trees not of bearing age. In pecan production Texas is away in the lead, but there are other states increasing the number of trees.

State.	Trees of Bearing Age.	Trees Not of Bearing Age.	Pro-duction, Pounds.	Value, Dollars.
ALA....	44,683	125,734	228,341	30,540
ARIZ....	64	212	1,075	131
ARK....	13,958	13,811	249,955	17,603
CALIF....	4,226	2,793	44,955	4,632
COLO....	5	50	150	7
CONN....	5	1,601	150	7
DEL....	136	48	85	13
FLA....	42,512	176,207	307,632	43,962
GA....	75,519	325,779	354,046	47,845
IDAHO....	20	27	107,069	10,301
ILL....	28,330	8,223	107,069	10,301
IND....	4,883	946	19,287	1,940
IA....	247	118	1,890	59
KAS....	27,716	2,797	20,583	1,462
KY....	2,399	2,301	28,577	2,887
LA....	36,527	119,547	723,578	70,635
ME....	3	100	20	2
MD....	172	460	1,717	85
MASS....	39	1	1,600	75
MICH....	6	35	25	5
MINN....	60,524	148,030	637,293	79,936
MISS....	43,822	7,214	147,420	10,467
MO....	181	191	695	31
NEB....	16	13	120	76
N. J....	22	52	53	5
N. M....	31	1,468	74,861	8,194
N. Y....	5	26	1,010	70
N. C....	6,876	20,781	894,772	59,481
N. D....	81	308	1,010	70
OHIO....	96,766	53,796	1,010	75
OKLA....	62	965	14,885	532
ORE....	554	463	159,583	20,442
PENN....	33,366	4,369	159,583	20,442
R. I....	43	34	106	1
S. C....	2,037	3,309	25,581	2,566
TENN....	1,087,619	621,550	5,332,367	556,203
TEX....	35	12	12	1
UTAH....	1	4	10,568	1,356
VT....	868	2,337	10,568	1,356
WA....	34	140	240	16
W. VA....	126	6	240	16

Total.. 1,619,521 1,685,066 9,890,769 971,596

SCOTTISH AGRICULTURE.

The Board of Scottish Agriculture has issued a preliminary statement showing the estimated yield of wheat, barley, oats and hay in Scotland in the year 1917, with comparative figures for 1916:

Area.	1916.	1917.	Total Produce.
Acres.	Acres.	Bushels.	Bushels.
WHEAT.			
63,083	60,932	2,264,000	2,432,000
BARLEY.			
169,735	159,134	5,176,000	5,640,000
OATS.			
990,589	1,041,343	36,224,000	43,576,000
ROTATION GRASS.			
Acres.	Acres.	Long Tons.	Long Tons.
420,099	421,502	760,000	657,000
PERMANENT GRASS.			
114,787	112,758	178,000	141,000
TIMOTHY.			
44,436	47,594	97,000	103,000

A WHITE MAN'S SETTLEMENT.

In 1827, as marking the development of the Western country, it is recorded that in this year a permanent settlement was made by white men on the west bank of the Missouri river. It was first protected by a military cantonnement, afterwards called Fort Leavenworth, in honor of Colonel Henry H. Leavenworth, the commander of the troops.

PRODUCTION OF PEANUTS.

If all the farm crops made as good showing there would be plenty to eat in the country. The increase in acreage is from 516,654 in 1899 to 869,887 in the year 1909. The increase in production is from 11,964,109 bushels in 1889 to 19,415,816 bushels in 1909. In the year 1889 only 133,900 farms reported raising peanuts, but in 1909 there were 218,998 farms on which peanuts were produced. The table presented herewith shows acreage and production for two census years. Next year we will get another census.

	1899.	1899.	1909.	1909.
State.	Acreage.	Bushels.	Acreage.	Bushels.
ARIZ...	4	234	9	345
ARK...	5,223	78,237	10,192	168,608
CALIF...	433	15,461	99	2,991
COLO...	5	138	2	7
DEL...	2	23	25	202
FLA...	64,452	967,927	126,150	2,315,089
GA...	100,589	1,435,775	160,317	2,569,787
IDAHO...			1	20
ILL...	49	879	109	1,792
IND...	11	199	18	624
IA...	7	127	13	359
KAS...	225	4,516	48	2,047
KY...	92	1,405	79	1,735
LA...	3,107	45,713	25,020	412,037
ME...	1	22	1	5
MD...	7	143	1	30
MASS...		3		12
MICH...			64	1,111
MINN...			1	15
MISS...	5,853	95,738	13,977	284,791
MO...	271	6,679	130	3,220
NEB...	11	221	1	93
NEV...		151		
N. H...		2		
N. J...		7	1	16
N. M...	1	10	126	1,375
N. Y...			6	132
N. C...	95,850	3,460,439	195,134	5,980,919
N. D...			10	101
OHIO...	1	20		31
OKLA...	2,205	50,428	1,564	31,880
ORE...	1	25	3	206
PENN...	2	77		4
R. I...				4
S. C...	7,162	131,710	7,596	154,822
S. D...				10
TENN...	19,534	747,668	18,952	547,240
TEX...	10,734	184,860	64,327	1,074,998
UTAH...	2			
VA...	116,914	3,713,347	145,213	4,284,340
WASH...		15		
W. V...	11	199		61
WIS...			70	945
WYO...	1	3		
Total.	516,654	11,964,109	869,887	19,415,816

THE RICE CROP OF 1918.

The rice crop acreage during the war period increased from 694,000 acres in 1914 to 1,120,400 acres in 1918. The production increased correspondingly. The average production per acre also increased, and was the largest in 1916.

State.	Planted, Acres.	of Pro-duction, Bushels.
ALA....	600	15,000
ARK....	172,500	118 6,818,000
CALIF....	108,000	135 6,388,000
FLA....	1,200	150 32,000
GA....	1,200	133 30,000
LA....	580,000	116 19,262,000
MISS....	3,000	143 73,000
MO....	500	120 21,000
N. C....	500	167 10,000
S. C....	4,500	150 103,000
TEXAS....	248,000	108 9,166,000
U. S....	1,120,400	116 41,918,000
Latest....	1,112,770	116 40,424,000

FIG CROP OF SMYRNA.

It is reported that the fig market will be affected this year by the burning of a large part of the city of Aidin, Smyrna, and the surrounding villages which are in the center of the principal fig-producing region in Greece. It is estimated that a large part of the crop will be lost and prices affected accordingly.—Commerce Reports.

In 1829, November 26th, great inundation of the Nile, in Egypt, began. About 30,000 people perished by the overflow.

Production of Grapes.

The production of grapes increased from 1,300,984,097 pounds in the year 1899 to 2,571,065,205 pounds in 1909. In the year 1910, when the census was taken, there were 223,701,522 vines of bearing age and 59,928,644 vines not of bearing age. The tabulated statement herewith shows the vines and production in all the states.

State.	1910.		Production, Pounds.
	Vines of Bearing Age.	Vines Not of Bearing Age.	
ALA...	287,431	77,105	1,723,490
ARIZ...	131,579	84,510	837,842
ARK...	805,921	177,624	2,593,727
CALIF.	144,087,670	39,526,319	1,979,686,525
COLO.	254,292	101,332	1,037,614
CONN.	107,054	61,670	1,317,682
DEL...	260,933	98,953	1,938,267
D. C.	196	200	28,530
FLA...	20,982	8,830	1,086,344
GA...	277,658	38,233	2,767,366
IDAHO	68,269	124,806	604,227
ILL...	2,170,340	287,734	16,582,785
IND...	1,049,232	149,441	12,817,353
IOWA...	1,983,465	446,126	11,708,336
KAS...	2,889,845	343,002	6,317,684
KY...	605,002	77,626	3,680,182
LA...	31,041	20,936	106,595
ME...	9,731	1,944	231,529
MD...	138,801	44,690	2,152,382
MASS.	58,277	14,261	1,132,833
MICH.	11,013,576	1,869,648	120,695,997
MINN.	61,916	35,950	293,805
MISS...	77,012	34,870	760,563
MO...	3,026,526	486,044	17,871,816
MONT.	986	1,121	370
NEB...	1,221,736	380,788	4,752,217
NEV...	26,947	9,947	376,205
N. H...	15,802	3,016	375,161
N. J...	1,603,280	558,945	6,501,221
N. M...	250,076	122,367	425,415
N. Y...	31,802,097	3,801,800	253,006,361
N. C...	411,278	120,208	15,116,929
N. D...	379	1,464	360
OHIO.	8,326,800	455,750	43,933,207
OKLA.	2,388,213	447,489	3,762,727
ORE...	381,302	468,598	3,206,871
PENN.	5,271,264	8,252,811	34,020,198
R. I...	7,662	9,634	125,937
S. C...	79,708	19,704	2,016,506
S. D...	38,647	46,891	144,634
TENN.	338,758	76,040	1,979,480
TEX...	712,201	297,869	1,802,618
UTAH.	204,445	94,043	1,576,363
VT...	9,318	1,845	203,011
VA...	424,701	136,026	4,108,694
WASH.	322,007	371,733	1,704,005
W. VA.	284,074	76,665	3,224,751
WIS...	148,348	63,098	701,329
WYO...	74	1,147	159
Total.	223,701,522	59,928,644	2,571,065,205

The Production of Strawberries.

The tabulation herewith is what we call foundation information, being a statement of the production of strawberries ten years apart. The census of 1900 showed that in the year 1899 151,363 acres were devoted to raising strawberries and the production was 257,427,103 quarts. Ten years later, in 1909, the area devoted to producing strawberries was reduced to 143,045 and the production was 255,702,035 quarts. Since the census year, all we have on strawberries are the estimates of the Agricultural Department in important strawberry-growing states.

State.	1899.		1909.	
	Acres.	Quarts.	Acres.	Quarts.
ALA...	607	804,480	1,167	1,848,537
ARIZ.	60	109,550	58	95,247
ARK...	9,611	12,667,740	7,361	8,259,240
CAL...	2,418	7,690,830	4,585	15,694,326
COLO.	1,067	2,224,240	1,326	1,674,923
CONN	971	2,569,120	993	3,016,205
DEL...	6,344	10,498,640	7,194	12,730,265
D. C.	50	84,480	11	18,709
FLA...	1,315	1,731,730	1,343	2,383,397
GA...	1,423	1,385,728	890	1,157,472
IDA...	239	379,630	698	953,733
ILL...	7,113	13,151,330	5,410	8,031,821
IND...	4,714	9,669,710	2,574	3,759,132
IA...	2,335	3,164,320	2,917	5,330,105
KAS...	2,304	3,321,650	1,719	2,319,048
KY...	4,128	6,767,300	1,553	2,114,929
LA...	1,395	1,841,800	3,570	6,405,236
ME...	512	1,066,860	698	1,626,250
MD...	13,980	24,035,640	14,292	23,611,095
MASS.	2,027	4,997,240	2,015	5,518,867
MICH.	10,837	18,384,340	8,051	14,218,768
MINN.	1,302	2,506,020	1,873	2,730,090
MISS.	1,383	1,546,570	772	1,345,013
MO...	7,498	13,018,460	9,048	15,171,034
MONT	281	532,260	265	406,038
NEB...	369	408,350	562	654,061
NEV...	14	16,440	5	11,189
N. H...	307	568,640	310	638,057
N. J...	8,746	13,274,120	8,684	18,767,473
N. M...	9	15,400	20	35,634
N. Y...	7,311	13,840,860	6,382	15,945,863
N. C.	5,616	10,674,610	5,420	10,313,361
N. D...	3	4,040	88	66,028
OHIO.	9,373	17,916,080	8,706	8,501,055
OKLA	626	670,540	825	830,404
ORE...	1,792	3,837,820	2,941	5,322,040
PENN	5,667	10,179,430	4,136	9,033,904
R. I.	154	381,870	149	326,540
S. C...	499	845,695	815	1,337,208
S. D...	62	65,430	226	238,161
TENN	11,548	13,683,840	10,761	12,339,584
TEX.	1,361	2,344,220	2,161	4,207,056
UTAH	345	663,190	719	1,832,796
VT...	232	598,020	276	615,820
VA...	7,821	12,270,300	6,606	10,761,381
WASH	1,268	2,577,580	3,283	7,683,774
W. VA.	799	1,068,300	709	812,049
WIS...	3,508	7,343,740	2,863	5,188,117
WYO.	19	19,920	24	20,885
Total	151,363	257,427,103	143,045	255,702,035

Potatoes and Sugar Beets.

Year.	Potatoes,		Sweet Potatoes,		Sugar Beets,	
	Acres.		Acres.		Acres.	
1909.....	3,669,000		641,000		364,000	
1910.....	3,720,000		641,000		398,000	
1911.....	3,619,000		605,000		474,000	
1912.....	3,711,000		583,000		555,000	
3 Years.....	11,050,000		1,829,000		1,427,000	
1913.....	3,668,000		625,000		580,000	
1914.....	3,711,000		603,000		483,000	
1915.....	3,734,000		731,000		611,000	
3 Years.....	11,113,000		1,959,000		1,674,000	
3 Years.....	3,565,000		774,000		665,000	
1917.....	4,390,000		953,000		665,000	
1918.....	4,113,000		959,000		690,000	
3 Years.....	12,068,000		2,686,000		2,020,000	

In 1830 Japan clover first came into notice in this country. It was an accidental introduction from Japan.

MARKETINGS BY PERCENTAGE.

CORN.	Per Cent. of Year's Sales.				
	1917-	1916-	1915-	1914-	1913-
Month.	18.	17.	16.	15.	14.
July.....	5.3	6.2	5.6	8.9	5.8
August.....	4.0	7.1	5.9	7.1	8.8
September...	3.4	5.9	6.4	4.7	4.5
October.....	3.8	5.8	6.0	4.7	7.9
November...	8.8	14.0	10.4	14.7	17.8
December...	12.2	12.5	15.9	16.8	21.4
January.....	14.2	15.1	11.7	19.8	10.7
February....	16.1	9.0	12.4	7.8	7.1
March.....	13.7	7.0	7.1	4.6	6.3
April.....	7.1	5.4	6.4	5.6	4.4
May.....	5.6	6.5	6.3	4.4	6.2
June.....	5.8	6.0	5.9	5.9	4.6
Season.....	100.0	100.0	100.0	100.0	100.0

The Jonathan apple was originated in New York about the year 1829.

Blackberries and Dewberries.

Herewith we present the United States census figures ten years apart, showing the production of blackberries and dewberries. There is the enumeration for the year 1899, when on 50,211 acres the production was 62,189,855 quarts, and in the year 1909, when on 49,004 acres the production was 55,343,570 quarts. Missouri, New Jersey and California are the largest producers of this class.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA...	104	98,500	58	44,954
ARIZ...	9	8,690	16	13,803
ARK...	769	969,290	525	587,977
CALIF.	1,960	4,159,131	2,576	4,898,524
COLO...	195	216,020	228	227,598
CONN...	177	275,310	128	192,752
DEL...	2,935	1,976,810	1,256	1,403,977
D.O.F.C.	10	12,720	.....	1,700
FLA...	13	13,210	13	12,817
GA...	143	144,060	67	67,285
IDAHO...	87	117,140	170	249,984
ILL...	5,032	7,294,990	3,508	291,473
IND...	3,192	5,255,840	1,347	1,482,909
IA...	1,719	1,966,070	2,279	2,733,728
KAS...	2,044	1,857,514	2,682	2,535,918
KY...	1,024	1,068,340	2,141	2,165,547
LA...	9	10,170	16	14,332
ME...	123	164,300	145	153,816
MD...	1,501	1,713,680	1,180	1,372,164
MASS...	365	522,860	287	307,987
MICH...	4,385	5,324,110	2,973	3,075,954
MINN...	162	192,010	145	139,741
MISS...	84	97,030	58	53,735
MO...	4,441	5,121,860	5,975	6,391,209
MONT...	18	17,970	34	36,321
NEB...	152	157,880	428	501,872
NEV...	4	5,410	1	1,073
N. H...	65	105,290	67	75,913
N. J...	5,254	3,918,320	4,332	5,456,789
N. M...	3	2,940	10	10,089
N. Y...	2,060	3,167,090	1,951	2,509,851
N. C...	1,073	1,089,290	1,233	2,464,065
N. D...	1	860	2	3,104
OHIO...	3,397	4,905,430	2,425	2,465,407
OKLA...	683	714,880	1,792	1,366,497
ORE...	717	1,310,920	431	915,744
PENN...	1,383	1,995,070	1,235	1,063,257
R. I...	17	23,600	16	17,875
S. C...	39	50,960	38	64,754
S. D...	5	4,880	5	6,053
TENN...	733	839,210	1,514	1,316,100
TEX...	2,394	2,701,750	2,773	1,868,119
UTAH...	72	80,110	95	184,140
VT...	48	84,990	47	56,252
VA...	444	582,830	344	273,551
WASH...	388	803,340	769	2,340,779
W. VA...	367	396,850	1,292	803,498
WIS...	411	644,880	407	498,119
WYO...	.....	480	.....	149
Total	50,211	62,189,885	49,004	55,343,570

MONTHLY MARKETINGS OF OATS BY FARMERS.

Estimated Amount Sold Monthly by Farmers of the United States (Millions of Bushels).					
	1917-	1916-	1915-	1914-	1913-
Month.	18.	17.	16.	15.	14.
July.....	24	31	23	35	29
August.....	82	87	53	64	57
September...	67	51	59	55	44
October.....	56	40	57	40	33
November...	38	30	48	27	22
December...	39	21	47	23	24
January.....	42	28	33	26	18
February...	40	20	36	19	21
March.....	35	20	23	15	19
April.....	33	14	21	13	10
May.....	20	17	28	10	18
June.....	24	16	22	13	20
Season.....	500	375	450	340	315

The earliest recorded apple tree planting in Kansas was in 1827 by Reverend Thomas Johnson, near Shawneetown, Johnson county.

Raspberries and Loganberries.

This basic tabulation is historical and gives in detail by states the acreage devoted to the production of raspberries and Loganberries ten years apart. It is the only positive information of any value that is available. In the year 1899 the area was 60,916 acres, producing 76,628,107 quarts; ten years later the area was reduced to 48,668 and the crop was 60,918,196 quarts. In 1910 another count will be made by the census enumerators. The value of the crop in 1909 was estimated at \$5,132,277.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA...	13	14,390	11	10,546
ARIZ...	2	1,480	1	1,550
ARK...	345	348,450	123	96,411
CALIF.	987	1,446,190	1,992	5,222,117
COLO...	689	817,450	801	1,650,785
CONN...	366	503,210	289	384,256
DEL...	1,280	1,147,120	223	275,871
D. C...	12	15,582	.....	700
FLA...	5	5,670	.....	213
GA...	43	41,750	29	33,928
IDAHO...	230	257,590	496	575,209
ILL...	2,900	3,458,000	1,945	1,834,337
IND...	3,277	4,210,900	1,412	1,595,921
IA...	3,394	3,604,210	1,573	1,728,547
KAS...	957	820,330	713	616,035
KY...	755	787,820	564	558,529
LA...	.....	110	1	639
ME...	131	214,700	127	154,121
MD...	1,385	1,450,250	846	959,369
MASS...	413	558,010	388	376,136
MICH...	10,193	12,119,400	8,786	8,381,943
MINN...	1,115	1,252,930	1,388	1,340,469
MISS...	49	56,020	5	7,806
MO...	1,060	1,940,850	1,331	1,563,527
MONT...	80	110,795	113	165,473
NEB...	239	232,580	247	265,183
NEV...	7	11,220	9	17,841
N. H...	80	124,760	85	86,558
N. J...	2,240	2,506,730	1,744	2,143,877
N. M...	9	8,930	12	10,222
N. Y...	12,376	17,575,530	11,057	14,751,940
N. C...	69	73,050	40	37,764
N. D...	12	13,700	85	60,742
OHIO...	6,795	8,745,950	3,869	4,029,480
OKLA...	43	55,180	85	74,104
ORE...	479	783,060	1,460	2,644,948
PENN...	3,938	5,360,530	2,594	2,906,302
R. I...	57	83,300	34	32,871
S. C...	4	4,150	2	4,955
S. D...	21	19,030	66	60,285
TENN...	471	448,170	253	222,331
TEX...	103	123,640	104	97,652
UTAH...	284	426,000	374	758,317
VT...	92	176,440	80	85,065
VA...	365	424,110	276	257,322
WASH...	625	1,134,970	1,210	3,118,720
W. VA...	704	788,360	847	648,174
WIS...	6	2,314,920	964	1,053,889
WYO...	1,616	5,220	14	15,213
Total	60,916	76,628,107	48,668	60,918,196

MARKETINGS BY PERCENTAGE.

Per Cent. of Year's Sales.					
OATS.	1917-	1916-	1915-	1914-	1913-
Month.	18.	17.	16.	15.	14.
July.....	4.7	8.3	5.1	10.4	9.3
August.....	16.4	23.3	11.8	18.7	18.2
September...	13.5	13.5	13.0	16.3	13.9
October.....	11.1	10.7	12.7	11.7	10.5
November...	7.7	8.0	10.6	7.9	6.8
December...	7.8	5.7	10.5	6.9	7.6
January.....	8.3	7.5	7.4	7.6	5.6
February...	8.0	5.3	8.0	5.6	6.7
March.....	7.1	5.2	5.0	4.4	5.9
April.....	6.5	3.8	4.6	3.7	3.3
May.....	4.0	4.4	6.3	3.1	5.8
June.....	4.9	4.3	5.0	3.7	6.4
Season.....	100.0	100.0	100.0	100.0	100.0

In the year 1839 the first poultry incubator was exhibited in London, England. It was a hot-water incubator, and was not at all satisfactory.

Production of Gooseberries.

Gooseberries are grown generally without any one state being far ahead of others, but the production had decreased when the last census was taken. In 1899 there were 6,752 acres, producing 9,320,530 quarts; but in 1903, when another count was taken, the area was reduced to 4,765 acres, producing 5,282,843 quarts. In 1899, Indiana and Iowa were the greatest producers, whereas in the later year Illinois and Missouri lead with considerable less production.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA.....	2	1,890	1	2,452
ARIZ.....	2	1,230	.....	575
ARK.....	29	43,970	19	18,168
CALIF.....	133	195,670	74	145,119
COLO.....	122	133,750	192	247,956
CONN.....	7	8,010	9	9,023
DEL.....	24	31,750	11	12,123
DIS. OF C.	1	1,090	.....	1,000
FLA.....	.....	70	.....	1
GA.....	2	1,900	.....	1,102
IDAHO.....	150	197,540	142	130,987
ILL.....	491	779,730	603	541,498
IND.....	617	1,077,840	274	320,963
IA.....	777	975,890	189	233,541
KAS.....	212	269,860	188	138,772
KY.....	99	114,590	115	118,338
LA.....	.....	50	.....	285
ME.....	30	41,230	59	65,867
MD.....	234	322,140	241	300,321
MASS.....	30	46,390	42	57,827
MICH.....	559	673,360	297	403,680
MINN.....	112	128,250	71	60,661
MISS.....	1	590	1	1
MO.....	731	865,870	555	470,029
MONT.....	51	115,390	35	35,896
NEB.....	192	189,680	88	82,086
NEV.....	8	13,600	11	11,535
N. H.....	4	3,540	5	5,841
N. J.....	102	124,160	155	221,337
N. M.....	12	11,680	17	14,800
N. Y.....	190	304,750	259	331,135
N. C.....	25	30,340	5	5,831
N. D.....	10	11,690	86	56,801
OHIO.....	539	767,760	226	255,840
OKLA.....	10	9,250	7	8,276
ORE.....	203	326,780	186	307,395
PENN.....	267	366,930	139	109,104
R. I.....	5	5,820	8	8,251
S. C.....	.....	420	.....	183
S. D.....	25	29,270	55	43,408
TENN.....	114	150,620	9	13,740
TEX.....	1	760	9	5,042
UTAH.....	110	173,460	100	142,241
VT.....	3	4,500	6	7,424
VA.....	66	75,140	22	23,447
WASH.....	211	356,570	114	143,267
W. VA.....	59	66,400	30	35,632
WIS.....	177	255,590	82	107,708
WYO.....	3	3,680	27	21,513
Total....	6,752	9,320,530	4,765	5,282,843

Currant-Growing Industry.

Nearly every state in the Union grows a few currants, but only one state in the last census year produced over a million quarts, whereas ten years previous eight states did so. In the year 1899 12,865 acres were devoted to growing currants, and the production was 18,592,695 quarts. Ten years later, in the year 1909, the area devoted to currants was reduced to 7,862 acres and the total production was reduced to 10,448,532 quarts.

State.	1899. Acres.	1899. Quarts.	1909. Acres.	1909. Quarts.
ALA.....	2	2,060	.....	548
ARIZ.....	2	3,280	1	1,010
ARK.....	5	5,990	4	3,214
CALIF.....	724	1,031,100	407	852,378
COLO.....	226	204,480	282	493,726
CONN.....	175	245,990	54	74,488
DEL.....	12	12,600	3	2,973
D. OF C.	6	5,040	1	2,000
FLA.....	.....	.....	.....	146
GA.....	5	6,740	1	2,320
IDAHO.....	181	218,580	167	161,230
ILL.....	640	842,000	252	265,858
IND.....	577	1,044,025	155	208,040
IA.....	1,017	1,226,560	253	317,637
KAS.....	134	130,210	98	67,005
KY.....	15	19,370	14	15,159
LA.....	.....	50	.....	362
ME.....	31	37,080	80	76,031
MD.....	65	65,460	36	34,009
MASS.....	190	255,580	243	213,810
MICH.....	2,286	2,721,070	609	768,259
MINN.....	259	311,950	200	182,825
MISS.....	3	2,830	.....	.....
MO.....	194	225,730	92	91,207
MONT.....	120	252,860	115	123,031
NEB.....	161	162,880	86	90,779
NEV.....	16	25,670	11	8,824
N. H.....	24	34,060	42	43,319
N. J.....	158	264,740	124	161,223
N. M.....	10	14,340	7	5,523
N. Y.....	2,504	4,584,080	2,557	3,982,389
N. C.....	28	32,360	3	5,382
N. D.....	36	35,440	138	97,598
OHIO.....	765	1,153,920	359	460,575
OKLA.....	11	10,140	36	31,024
ORE.....	169	238,420	89	117,354
PENN.....	716	1,031,870	558	493,871
R. I.....	26	54,020	12	17,110
S. C.....	38	2,290	1	999
S. D.....	38	37,140	67	52,951
TENN.....	12	13,190	2	3,726
TEX.....	4	5,370	6	4,672
UTAH.....	194	304,850	128	195,901
VT.....	30	50,490	58	58,538
VA.....	39	42,060	5	8,127
WASH.....	238	416,170	127	194,365
W. VA.....	50	51,340	30	34,009
WIS.....	667	1,153,190	298	383,982
WYO.....	8	7,030	41	38,833
Total.	12,865	18,592,695	7,862	10,448,532

ORANGES, LEMONS AND (POMELOES) GRAPE FRUIT.

(Last Census Report.)

Year.	Corn, Acres.	Oats, Acres.	Barley, Acres.	State.	ORANGES.		LEMONS.		GRAPE FRUIT.	
					Farms.	Boxes.	Farms.	Boxes.	Farms.	Boxes.
1909.....	98,383,000	35,159,000	7,699,000	ALA.	560	1201	132	65	153	290
1910.....	104,035,000	37,548,000	7,743,000	ARIZ.	336	32247	99	1010	64	820
1911.....	105,825,000	37,765,000	7,627,000	ARK.	40	1	55	3	.....	.....
1912.....	107,083,000	37,917,000	7,580,000	CAL.	19074	14436180	8440	275622	1376	12255
3 Years...	316,943,000	113,228,000	22,900,000	FLA.	16769	4852967	498	12367	7662	1061537
1913.....	105,820,000	38,399,000	7,499,000	GA.	215	210	42	2	243	361
1914.....	103,435,000	38,442,000	7,565,000	LA.	3231	149979	261	303	87	1781
1915.....	106,197,000	40,996,000	7,148,000	MISS.	550	3779	141	31	182	1368
3 Years...	315,452,000	117,837,000	22,212,000	N. M.	3	12	.....	.....	.....	.....
1916.....	105,296,000	41,527,000	7,757,000	N. C.	51	21	55	7	.....	.....
1917.....	119,755,000	43,572,000	8,835,000	S. C.	80	177	51	66	21	88
1918.....	113,835,000	44,475,000	9,108,000	TENN.	43	1	55	6	.....	.....
3 Years...	338,886,000	129,574,000	25,700,000	TEX.	3054	10694	666	224	403	488
				VA.	16	12	52	8	9	1
Total.	44022			Total.	44022	10557		6172		
				Total.	19487481		2770313		11189250	

Apples, Peaches, Pears—1917.

In the December United States Agricultural Report the 1917 crops of apples, peaches and pears are estimated. The largest production of apples is in the state of Washington, with New York, Missouri and Pennsylvania following in the order named. In peaches the state of California leads far beyond other states. California leads in pears, followed by New York and Michigan.

State.	Apples, 1917. Bushels.	Peaches, 1917. Bushels.	Pears, 1917. Bushels.
ALA.....	1,453,000	1,830,000	80,000
ARIZ.....	135,000	60,000	21,000
ARK.....	2,683,000	840,000	102,000
CALIF.....	5,592,000	14,151,000	3,523,000
COLO.....	2,640,000	1,200,000	320,000
CONN.....	1,316,000	268,000	29,000
DEL.....	450,000	647,000	294,000
FLA.....	000	122,000	46,000
GA.....	1,754,000	4,716,000	140,000
IDA.....	1,995,000	165,000	70,000
ILL.....	7,500,000	364,000	456,000
IND.....	5,915,000	592,000	410,000
IOWA.....	5,775,000	30,000	82,000
KAS.....	3,375,000	121,000	140,000
KY.....	9,125,000	1,034,000	204,000
LA.....	000	478,000	52,000
ME.....	4,617,000	000	24,000
MD.....	2,525,000	975,000	525,000
MASS.....	2,186,000	145,000	71,000
MICH.....	5,160,000	744,000	1,080,000
MINN.....	1,445,000	000	000
MISS.....	315,000	375,000	30,000
MO.....	12,375,000	890,000	265,000
MONT.....	000	000	11,000
NEB.....	2,400,000	000	14,000
NEV.....	192,000	6,000	6,000
N. H.....	1,035,000	47,000	19,000
N. J.....	2,041,000	871,000	590,000
N. M.....	657,000	60,000	46,000
N. Y.....	14,059,000	2,244,000	1,708,000
N. C.....	6,156,000	1,541,000	150,000
N. D.....	000	000	000
OHIO.....	6,336,000	496,000	334,000
OKLA.....	1,300,000	1,150,000	45,000
ORE.....	3,500,000	250,000	600,000
PENN.....	12,150,000	1,440,000	448,000
R. I.....	198,000	20,000	7,000
S. C.....	818,000	1,130,000	100,000
S. D.....	349,000	000	000
TENN.....	5,000,000	900,000	75,000
TEXAS.....	345,000	2,352,000	280,000
UTAH.....	650,000	900,000	48,000
VT.....	1,286,000	000	14,000
VA.....	9,914,000	800,000	194,000
WASH.....	17,897,000	504,000	595,000
W. VA.....	5,994,000	608,000	33,000
WIS.....	3,029,000	000	000
WYO.....	000	000	000
U. S.....	174,608,000	45,066,000	13,281,000
Latest....	163,117,000	45,066,000	13,281,000

WHEN WATERMELONS ARE HARVESTED.

Returns from truck crop reporters show the per cent. of the watermelon crop in the following states usually harvested in each month from April to October to be as follows:

State.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.
Florida.....	2.8	23.8	56.5	13.9	1.1	...	1.9
Texas.....	2.5	12.0	34.4	41.5	9.0	0.6	...
Alabama.....	...	2.0	18.5	54.5	18.5	6.5	...
N. Carolina.....	...	...	4.2	55.8	33.3	5.0	1.7
S. Carolina.....	...	...	1.2	94.4	4.4	...	...
Georgia.....	...	...	14.3	57.0	27.3	1.4	...
California.....	...	...	4.0	23.5	34.5	29.5	6.0
Oklahoma.....	...	...	...	27.5	41.2	31.3	...
Virginia.....	...	...	...	15.6	74.4	10.0	...

The statement accounts for nearly all the watermelons, there being few marketed before April and none after October.

In 1828 "A Treatise on Horticulture," the first comprehensive book on the subject in the United States, was written by William Prince, of Long Island.

APPLES, PEACHES, PEARS, 1918.

The fruit crop of the United States very largely centers on these three items, in which the production in bushels is shown by states.

State.	Apples, Bushels.	Peaches, Bushels.	Pears, Bushels.
ALA.....	1,553,000	3,142,000	142,000
ARIZ.....	184,000	58,000	20,000
ARK.....	1,812,000	260,000	60,000
CALIF.....	5,237,000	12,786,000	1,890,000
COLO.....	2,046,000	754,000	206,000
CONN.....	1,347,000	15,000	38,000
DEL.....	492,000	284,000	236,000
FLA.....	...	264,000	132,000
GA.....	1,889,000	6,746,000	180,000
IDAHO.....	1,665,000	80,000	63,000
ILL.....	3,822,000	78,000	281,000
IND.....	3,136,000	92,000	246,000
IOWA.....	2,881,000	...	42,000
KAS.....	3,105,000	...	38,000
KY.....	4,830,000	110,000	171,000
LA.....	...	615,000	49,000
MAINE.....	3,010,000	...	14,000
MD.....	2,365,000	600,000	462,000
MASS.....	2,861,000	9,000	72,000
MICH.....	13,564,000	248,000	650,000
MINN.....	1,221,000	...	131,000
MISS.....	518,000	1,386,000	131,000
MO.....	8,036,000	...	5,000
MONT.....	790,000	...	6,000
NEB.....	758,000	...	16,000
NEV.....	141,000	15,000	11,000
N. H.....	1,144,000	...	649,000
N. J.....	2,460,000	792,000	57,000
N. M.....	1,000,000	...	1,269,000
N. Y.....	42,160,000	1,167,000	115,000
N. C.....	5,460,000	1,035,000	...
N. D.....	...	...	307,000
OHIO.....	7,983,000	348,000	32,000
OKLA.....	693,000	303,000	662,000
OREGON.....	3,684,000	118,000	481,000
PENN.....	17,188,000	1,210,000	9,000
R. I.....	208,000	2,000	...
S. C.....	764,000	1,064,000	112,000
S. D.....	594,000	...	250,000
TENN.....	4,710,000	840,000	53,000
TEXAS.....	270,000	2,041,000	10,000
UTAH.....	792,000	1,080,000	146,000
VA.....	1,400,000	578,000	603,000
WASH.....	11,702,000	1,130,000	38,000
W. VA.....	16,657,000	850,000	21,000
WIS.....	9,403,000	...	...
WYO.....	2,854,000	...	...
U. S.....	198,389,000	40,185,000	10,189,000
Latest....	173,632,000	40,185,000	10,342,000

COMMERCIAL CABBAGE ACREAGE.

Detailed estimates, by states, by the United States Department of Agriculture, September, 1919, of the acreage planted to fall cabbage in 1919, as compared with the acreage harvested in 1918 and 1917, are given below. The 1919 acreage is based on incomplete reports and is subject to revision:

State.	Acres.	Acres.	Acres.
	Harvested, 1917.	Harvested, 1918.	Planted, 1919.
COLORADO.....	4,220	3,300	3,600
INDIANA.....	1,300	1,400	730
IOWA.....	1,000	1,800	1,590
MICHIGAN.....	5,100	3,750	2,500
MINNESOTA.....	2,500	1,650	1,930
NEW YORK.....	28,300	28,000	23,700
OHIO.....	3,500	3,080	2,100
PENNSYLVANIA.....	400	400	1,000
VIRGINIA.....	2,150	1,500	1,650
WISCONSIN.....	11,800	11,500	10,400
Total.....	60,270	56,380	49,080

CATTLE AND HOGS IN PRUSSIA.

The International Agricultural Institute at Rome furnishes the following figures as cattle and hogs in Prussia:

Class of Stock.	March 1, 1918.	March 1, 1919.
Cattle—Total.....	10,229,703	9,098,302
Bulls and Oxen.....	524,731	443,595
Milch Cows.....	4,605,483	4,342,236
Heifers.....	747,729	720,651
Young Stock.....	3,432,508	2,595,412
Calves Under 3 Months.....	919,192	996,385
Pigs.....	3,308,108	4,644,068

State Live Stock Valuations No. 1.

The United States Department of Agriculture has issued a statement dated basis of January, 1918, which intends to show the value of the cattle, hogs and sheep separated from the horses and mules. These two columns added together make the total value of live stock in each state, which is shown in another table. Thus, cattle, hogs and sheep value, \$5,394,000,000, and horses and mules value, \$2,870,000,000, make an aggregate of \$8,264,000,000.

State.	Cattle, Hogs and Sheep.	Horses and Mules.
ALA.....	\$ 66,000,000	\$ 58,000,000
ARIZ.....	67,000,000	11,000,000
ARK.....	63,000,000	60,000,000
CALIF.....	163,000,000	53,000,000
COLO.....	118,000,000	42,000,000
CONN.....	150,000,000	7,000,000
DEL.....	5,000,000	4,000,000
FLA.....	42,000,000	14,000,000
GA.....	80,000,000	79,000,000
IDAHO.....	79,000,000	26,000,000
ILL.....	276,000,000	169,000,000
IND.....	181,000,000	99,000,000
IOWA.....	514,000,000	172,000,000
KAS.....	246,000,000	152,000,000
KY.....	88,000,000	72,000,000
LA.....	52,000,000	40,000,000
MAINE.....	21,000,000	18,000,000
MD.....	26,000,000	21,000,000
MASS.....	20,000,000	9,000,000
MICH.....	143,000,000	81,000,000
MINN.....	201,000,000	100,000,000
MISS.....	68,000,000	63,000,000
MO.....	254,000,000	142,000,000
MONT.....	113,000,000	50,000,000
NEB.....	300,000,000	119,000,000
NEV.....	50,000,000	6,000,000
N. H.....	13,000,000	7,000,000
N. J.....	22,000,000	14,000,000
N. M.....	88,000,000	19,000,000
N. Y.....	199,000,000	87,000,000
N. C.....	51,000,000	61,000,000
N. D.....	70,000,000	87,000,000
OHIO.....	225,000,000	102,000,000
OKLA.....	123,000,000	101,000,000
OREGON.....	76,000,000	31,000,000
PENN.....	138,000,000	81,000,000
R. I.....	3,000,000	1,000,000
S. C.....	32,000,000	48,000,000
S. D.....	157,000,000	79,000,000
TENN.....	267,000,000	74,000,000
TEXAS.....	285,000,000	180,000,000
UTAH.....	61,000,000	13,000,000
VT.....	33,000,000	13,000,000
VA.....	63,000,000	46,000,000
WASH.....	42,000,000	36,000,000
W. VA.....	47,000,000	22,000,000
WIS.....	233,000,000	83,000,000
WYO.....	115,000,000	18,000,000
U. S.....	\$5,394,000,000	\$2,870,000,000

State Live Stock Valuations No. 2.

This tabulated statement by the United States Department of Agriculture gives the total value of all live stock, state by state, for the years 1917 and 1918. In addition there is also the rank of each state in live stock ownership from Iowa, which is first, to Rhode Island, which is forty-eighth. These are aggregate figures, meaning a combined total value of \$8,260,000,000 in live stock on farms of the United States.

State.	1917.	1918. Rank.
ALA.....	\$ 87,000,000	\$124,000,000 25
ARIZ.....	61,000,000	78,000,000 35
ARK.....	95,000,000	123,000,000 26
CALIF.....	183,000,000	216,000,000 16
COLO.....	128,000,000	160,000,000 19
CONN.....	19,000,000	22,000,000 45
DEL.....	8,000,000	9,000,000 47
FLA.....	41,000,000	56,000,000 28
GA.....	119,000,000	159,000,000 20
IDAHO.....	80,000,000	105,000,000 31
ILL.....	365,000,000	445,000,000 3
IND.....	226,000,000	280,111,000 11
IOWA.....	535,000,000	686,000,000 1
KAS.....	328,000,000	398,000,000 5
KY.....	127,000,000	160,000,000 18
LA.....	72,000,000	92,000,000 32
MAINE.....	31,000,000	39,000,000 42
MD.....	41,000,000	47,000,000 40
MASS.....	25,000,000	29,000,000 44
MICH.....	189,000,000	224,000,000 13
MINN.....	248,000,000	301,000,000 9
MISS.....	94,000,000	131,000,000 24
MO.....	303,000,000	396,000,000 6
MONT.....	137,000,000	163,000,000 17
NEB.....	328,000,000	419,000,000 2
NEV.....	39,000,000	46,000,000 39
N. H.....	16,000,000	20,000,000 46
N. J.....	31,000,000	36,000,000 43
N. M.....	89,000,000	107,000,000 29
N. Y.....	234,000,000	286,000,000 10
N. C.....	88,000,000	112,000,000 27
N. D.....	150,000,000	157,000,000 21
OHIO.....	263,000,000	327,000,000 8
OKLA.....	188,000,000	224,000,000 14
OREGON.....	88,000,000	107,000,000 30
PENN.....	186,000,000	219,000,000 15
R. I.....	3,000,000	4,000,000 48
S. C.....	60,000,000	80,000,000 33
S. D.....	190,000,000	236,000,000 12
TENN.....	114,000,000	141,000,000 22
TEXAS.....	459,000,000	465,000,000 7
UTAH.....	49,000,000	74,000,000 36
VT.....	36,000,000	46,000,000 41
VA.....	91,000,000	109,000,000 28
WASH.....	63,000,000	78,000,000 34
W. VA.....	58,000,000	69,000,000 37
WIS.....	274,000,000	316,000,000 8
WYO.....	96,000,000	..... ..
U. S.....	\$6,735,000,000	\$8,264,000,000 ..

Harvesting of Potatoes.

The United States Bureau of Crop Estimates of the Department of Agriculture has ascertained when white (Irish) potatoes are harvested, and the amount and quantity harvested in each month, as follows:

	1915.		1916.
Month.	Per Cent.	Bushels.	Per Cent. Bushels.
JAN.....	.....	10,000	..... 11,000
FEB.....	.....	38,000	..... 45,000
MARCH.....	.....	117,000	..... 131,000
APRIL.....	0.2	681,000	0.2 730,000
MAY.....	1.0	3,601,000	1.2 3,400,000
JUNE.....	3.2	11,626,000	3.5 8,032,000
JULY.....	7.9	28,400,000	7.9 28,722,000
AUG.....	13.1	46,871,000	12.9 38,351,000
SEPT.....	29.7	109,716,000	29.5 155,166,000
OCT.....	41.8	150,200,000	41.4 119,747,000
NOV.....	2.9	10,665,000	3.3 9,434,000
DEC.....	.....	175,000	..... 195,000
Total.....	100.0	359,103,000	100.0 288,964,000

GROWING OF CELERY.

Celery growing on a commercial scale is not confined to five states, but it is only in five states that the crop is considered of sufficient dimensions to be subject of Agricultural Department crop reports. In the last census year 4,005 farms in all the different states reported growing celery on 15,863 acres, and producing crops to the value of \$3,922,848, which amounts to nearly \$250 per acre. The acreage was 13,213 in 1915 in six states, and in those same states in 1916 the acreage was only 11,588, a decrease, one year with another, of 1,625 acres.

State.	1915.	1916.	In-crease.	De-crease.
	Acres.	Acres.	Acres.	Acres.
COLORADO.....	400	400	.....	.....
MICHIGAN.....	3,118	3,134	16	.....
NEW YORK.....	5,900	4,404	.....	1,496
OHIO.....	1,058	1,097	39	.....
PENNSYLVANIA.....	2,737	2,553	.....	184
Total.....	13,213	11,588	.....	1,625

State Crop Valuations.

We have here the state quotations of all crops. It also gives a number showing the relative rank of each state. The table is for two years, 1916 and 1917. There is considerable difference one year with another in regard to state valuations. Thus, for instance, Texas was first in 1916 and second in 1917; Illinois was third in 1916 and first in 1917; Missouri was fourteenth in 1916 and fifth in 1917; Kansas was sixth in 1916 and 14th in 1917.

		1916.		1917.	
		Value of		Value of	
State.	Rank.	Crops.	Rank.	Crops.	Rank.
ALA.	27	\$ 165,487,000	25	\$ 291,563,000	27
ARIZ.	45	18,626,000	45	27,068,000	45
ARK.	16	248,463,000	20	359,538,000	16
CALIF.	13	267,638,000	10	432,285,000	13
COLO.	30	106,453,000	28	164,880,000	30
CONN.	40	42,911,000	39	57,814,000	40
DEL.	46	17,847,000	44	27,707,000	46
FLA.	37	61,888,000	33	104,771,000	37
G.A.	5	358,023,000	6	542,733,000	5
IDA.	36	74,243,000	36	94,890,000	36
ILL.	3	477,263,000	1	842,042,000	3
IND.	9	285,384,000	8	503,154,000	9
IOWA.	2	516,490,000	3	783,488,000	2
KAS.	6	315,678,000	14	399,844,000	6
KY.	19	221,311,000	16	375,710,000	19
LA.	25	186,494,000	24	313,352,000	25
ME.	32	88,938,000	37	71,425,000	32
MD.	34	86,093,000	31	123,879,000	34
MASS.	38	51,853,000	38	69,106,000	38
MICH.	17	237,175,000	21	356,265,000	17
MINN.	12	268,775,000	9	480,230,000	12
MISS.	23	197,852,000	19	359,596,000	23
MO.	14	261,263,000	5	546,036,000	14
MONT.	29	121,055,000	35	103,845,000	29
NEB.	4	389,025,000	7	522,186,000	4
NEV.	47	17,148,000	47	25,655,000	47
N. H.	43	26,714,000	46	25,748,000	43
N. J.	35	79,781,000	34	103,895,000	35
N. M.	44	22,670,000	43	38,470,000	44
N. Y.	8	294,476,000	12	417,798,000	8
N. C.	11	272,076,000	11	417,846,000	11
N. D.	26	169,660,000	27	220,290,000	26
OHIO.	10	284,323,000	4	546,058,000	10
OKLA.	18	236,832,000	23	329,579,000	18
ORE.	31	105,500,000	32	108,632,000	31
PENN.	7	299,408,000	13	412,394,000	7
R. I.	48	5,556,000	48	8,352,000	48
S. C.	22	199,532,000	15	389,887,000	22
S. D.	24	139,257,000	18	366,582,000	24
TENN.	21	213,701,000	26	290,819,000	21
TEXAS.	1	695,365,000	2	788,983,000	1
UTAH.	39	43,436,000	41	49,627,000	39
VT.	41	42,782,000	42	45,950,000	41
VA.	20	215,079,000	22	344,159,000	20
WASH.	28	127,502,000	29	144,422,000	28
W. VA.	33	87,428,000	30	132,281,000	33
WIS.	15	254,599,000	17	367,095,000	15
WYO.	42	36,811,000	40	52,829,000	42
Total.		\$8,985,870,000		\$13,580,768,000	

Velvet Beans, 1917.

Velvet beans are planted for the beans, and in addition 49 per cent. of the acreage is grazed or hogged off and 8 per cent. plowed under for soil improvement. We show the total acreage, the acreage harvested for the beans and the production of beans in bushels.

State.	Acreage Planted.	Cut For Grain, Acres.	Production, Bushels.
ALA.	1,800,000	1,080,000	8,140,000
ARK.	18,000	4,000	
FLA.	508,000	250,000	2,250,000
G.A.	1,300,000	403,000	3,224,000
MISS.	705,000	176,000	1,760,000
N. C.	108,000	5,000	75,000
S. C.	188,000	28,000	350,000
Total.	4,619,000	1,946,000	15,790,000

Production of Strawberries.

Herewith for two years we give the United States Agricultural Department estimate of acreage and production of strawberries, also by states the estimated production in twenty-four quart crates.

State.	Acreage to be Picked, 1918.	Conditioned May 15, 1918.	Indicated Yield, May 15, 1918.	Forecast of Production, 1918.
ARK.	11,020	49	980	449,983
ALA.	2,240	86	1,720	160,533
CALIF.	3,800	82	1,968	311,600
DEL.	5,000	78	2,184	455,000
FLA.	1,450	78	1,560	94,250
KY.	3,230	82	2,952	397,200
LA.	12,770	40	800	425,666
MD.	8,120	78	2,184	738,920
MISS.	970	71	1,420	57,392
MO.	3,470	66	1,584	229,020
N. J.	3,440	86	2,064	295,840
N. C.	2,860	85	2,210	263,358
S. C.	850	100	2,500	88,542
TENN.	12,630	64	1,280	673,600
TEXAS.	1,130	75	1,800	84,750
VA.	3,520	77	2,156	316,213
Total, 1918.	76,500	...	1,582	5,041,957
Total, 1917.	96,690	...	1,718	6,920,369

NURSERY PRODUCT ESTABLISHMENTS.

In the United States, according to the last census, we have 5,582 farms devoted to the production of nursery products. The total acreage is 80,618. These establishments are valued at \$3,771 each, with an average value of \$261.12 per acre. This industry had a total value of \$10,123,873 in 1899, which was increased to \$21,050,822 in the year 1909.

State	No. of Farms.	State Acreage.	Farm Value, Acre.	Value, Acre.
ALA.	62	3,079	\$4,178	\$ 84.14
ARIZ.	11	18	412	251.94
ARK.	133	528	1,493	376.10
CALIF.	566	4,803	3,910	460.71
COLO.	61	241	1,182	299.13
CONN.	60	770	4,358	339.62
DEL.	19	182	2,056	214.60
FLA.	133	2,231	3,595	214.32
G.A.	54	1,502	6,786	243.96
IDAHO.	26	530	5,009	270.25
ILL.	258	3,454	3,187	238.07
IND.	161	1,850	2,508	222.37
IOWA.	212	3,430	3,496	246.62
KAS.	120	4,003	7,904	236.95
KY.	77	542	1,506	213.95
LA.	60	502	1,461	174.59
MAINE.	17	57	1,367	407.79
MD.	71	4,240	6,435	107.76
MASS.	119	1,547	5,091	391.65
MICH.	313	3,034	2,054	211.86
MINN.	191	3,854	4,518	223.96
MISS.	34	533	2,204	140.61
MO.	186	2,459	2,846	215.29
MONT.	28	341	6,230	511.52
NEB.	90	1,997	6,145	276.94
NEV.	5	...	99	...
N. H.	9	24	1,322	495.71
N. J.	105	2,167	6,493	314.64
N. M.	17	24	540	382.58
N. Y.	608	8,680	4,325	316.93
N. C.	125	754	2,366	354.07
N. D.	49	472	633	65.67
OHIO.	272	4,718	3,163	182.36
OKLA.	90	857	1,911	200.64
OREGON.	112	2,168	6,991	361.17
PENN.	175	2,828	5,272	326.23
R. I.	27	212	2,798	356.34
S. C.	22	21	200	209.95
S. D.	30	399	2,361	177.51
TENN.	145	3,976	4,812	175.48
TEXAS.	223	3,847	5,378	325.74
UTAH.	38	577	4,959	326.61
VT.	9	37	1,224	297.68
VA.	69	569	2,319	281.18
WASH.	115	1,342	4,580	392.46
W. VA.	71	464	1,116	170.84
WIS.	152	755	1,980	398.71
WYO.	8	...	210	...
U. S.	5,582	80,618	\$3,771	\$261.12

FERTILIZER TONNAGE.

Official Statements and Estimates of the Amount of Commercial Fertilizer Used in Each State in Different Years.

This tabulated statement is published by courtesy of the American Fertilizer Handbook, published by Ware Bros. & Company, of Philadelphia. Where the amount of fertilizer consumed is considerable, the figures are from official records; in other states where records are not complete, the same estimates have been made. We have selected three years for publication. The first is 1910 as a starting point and 1914 as the year of the largest consumption thus far, and the year 1915 as the latest figures available.

	1910.	1914.	1915.
State.	Tons.	Tons.	Tons.
ALA.	425,000	592,290	302,350
ARIZ.	200	650	700
ARK.	30,000	84,850	26,396
CALIF.	41,000	39,471	31,640
COLO.	2,000	3,500	3,600
CONN.	42,000	85,000	92,000
DEL.	23,000	55,000	45,000
FLA.	182,641	240,812	208,782
GA.	1,022,048	1,282,088	872,979
IDAHO.	700	1,500	1,500
ILL.	55,000	75,000	75,000
IND.	151,856	219,000	156,152
IOWA.	1,800	4,200	5,100
KAS.	1,210	9,460	10,060
KY.	58,000	83,000	85,000
LA.	88,396	90,588	73,420
MAINE.	125,000	168,000	160,000
MD.	148,000	183,350	168,000
MASS.	65,000	150,000	162,000
MICH.	40,000	60,000	65,000
MINN.	1,000	3,800	4,000
MISS.	132,776	127,000	85,414
MO.	31,585	65,000	57,000
MONT.	200	1,100	1,200
NEB.	200	1,250	1,500
NEV.	160	950	1,000
N. H.	17,500	50,000	54,000
N. J.	125,000	155,414	153,075
N. M.	500	1,200	1,500
N. Y.	375,000	490,000	525,000
N. C.	630,909	872,820	647,188
N. D.	250	1,250	1,500
OHIO.	142,000	203,000	225,000
OKLA.	6,000	29,000	25,000
OREGON.	2,500	6,300	6,500
PENN.	300,000	381,900	316,319
R. I.	10,300	20,000	21,600
S. C.	975,039	1,095,728	603,421
S. D.	100	1,000	1,500
TENN.	58,612	93,550	66,800
TEXAS.	34,000	77,400	17,500
UTAH.	1,000	1,000	1,500
VT.	18,000	27,500	28,000
VA.	344,951	437,808	406,077
WASH.	1,300	2,400	3,000
W. VA.	32,500	35,475	46,010
WIS.	2,000	4,500	5,000
WYO.	100	400	500
PORTO RICO.	23,922	18,164	20,000
Total.....	5,759,555	7,629,228	5,870,683

FERTILIZER TONNAGE.

The following statement of fertilizer tonnage used in the United States is based upon estimates published in the American Fertilizer Handbook published by Ware Bros. & Company. It shows that there has been some progress in the fertilizer business, notwithstanding the unfavorable conditions brought about by the war.

	1912.	1913.	1918.
State.	Tons.	Tons.	Tons.
ALA.	452,215	474,730	289,990
ARIZ.	500	600	500
ARK.	50,000	52,000	88,500
CALIF.	50,000	36,000	32,036
COLO.	500	500	1,000
CONN.	48,000	50,000	115,000
DEL.	30,000	50,000	54,000
FLA.	187,000	213,000	197,954
GA.	1,103,864	1,120,693	923,020
IDAHO.		200	500
IND.	113,678	193,899	244,340
IOWA.	2,500	3,500	5,000
ILL.	65,000	70,000	75,000
KAS.	5,000	7,380	8,000
KY.	65,000	75,000	128,000
LA.	75,555	98,778	81,025
MAINE.	150,000	160,000	155,000
MD.	160,000	169,000	173,000

	1912.	1913.	1918.
State.	Tons.	Tons.	Tons.
MASS.	75,000	75,000	100,000
MICH.	51,000	57,985	78,000
MINN.	2,400	3,500	7,000
MISS.	119,710	128,050	104,700
MO.	38,359	60,000	90,000
MONT.	700	800	1,000
NEB.	500	500	500
NEV.	600	800	1,000
N. H.	15,000	18,000	18,000
N. J.	140,000	156,661	153,198
N. M.	200	200	500
N. Y.	425,000	460,000	525,000
N. C.	695,705	840,447	921,962
N. D.	500	500	1,000
OHIO.	151,784	183,476	219,328
OKLA.	10,000	18,000	25,000
OREGON.	3,500	4,500	6,000
PENN.	318,716	340,000	340,898
R. I.	13,000	14,000	15,000
S. C.	886,222	918,336	1,064,886
S. D.	300	700	2,500
TENN.	77,473	84,060	113,000
TEXAS.	45,000	75,500	58,000
UTAH.	700	75,500	1,000
VT.	22,000	25,000	30,000
VA.	372,108	412,434	430,549
WASH.	1,400	1,500	4,010
W. VA.	31,750	31,852	59,036
WIS.	3,500	4,000	7,500
WYO.	150	200	500
TOTAL.....	6,112,016	6,711,845	6,991,743

FERTILIZERS USED ON FARMS.

This is a foundation table on which later information can be carried. It shows the amount of money the farmers of different states reported they had expended in one year for fertilizing materials, that year being 1899. Ten years later, in 1909, we show the number of farms in each state that reported purchasing fertilizer and the amount paid in each state for same.

	1899.	1909.	1909.
State.	Amount Expended.	Farms Reporting.	Amount Expended.
ALA.	\$ 2,599,290	163,241	\$ 7,630,952
ARIZ.	2,921	33	6,080
ARK.	172,510	22,113	596,553
CALIF.	937,050	7,470	2,143,993
COLO.	23,225	560	63,113
CONN.	1,078,240	15,584	1,954,163
DEL.	539,040	9,023	864,577
D. C.	22,600	77	16,975
FLA.	753,120	29,826	3,609,853
GA.	5,738,520	236,271	16,860,149
IDAHO.	17,150	237	20,737
ILL.	830,660	11,207	615,594
IND.	1,553,710	55,431	2,189,695
IOWA.	337,190	1,776	109,570
KAS.	268,360	1,415	75,602
KY.	908,250	56,783	1,350,720
LA.	1,076,890	22,111	2,004,919
ME.	819,680	39,497	4,069,479
MD.	2,618,890	37,154	3,387,634
MASS.	1,320,600	21,689	1,965,682
MICH.	492,360	31,327	945,354
MINN.	251,120	1,436	74,653
MISS.	932,098	78,677	2,703,071
MO.	370,630	18,434	671,073
MONT.	3,940	89	12,323
NEB.	153,080	369	31,021
NEV.		35	8,379
N. H.	307,980	15,351	512,580
N. J.	2,165,320	23,685	4,227,604
N. M.	2,881	827	25,371
N. Y.	4,493,050	113,883	7,142,265
N. C.	4,479,030	181,718	12,262,533
N. D.	13,855	175	10,003
OHIO.	2,695,470	118,888	4,180,485
OKLA.		622	29,092
OREGON.	27,395	2,887	68,557
PENN.	4,685,920	129,769	6,801,605
R. I.	264,140	3,318	335,103
S. C.	4,494,410	140,303	15,162,017
S. D.	12,940	185	11,294
TENN.	898,070	53,498	1,216,206
TEXAS.	124,716	15,931	595,363
UTAH.	14,300	571	20,037
VT.	447,065	19,033	570,752
VA.	3,681,790	111,277	6,932,455
WASH.	29,165	1,801	87,023
W. VA.	405,270	23,067	528,937
WIS.	294,320	2,995	127,753
WYO.	12,700	33	5,302

In 1825 the first tobacco warehouse in Connecticut was established at Warehouse Point.

EMMER AND SPELT.

According to the Census Bureau, emmer and spelt are old grains known to the ancient world. They are really a species of wheat and used by us as stock food. The first statistics of emmer and spelt production appeared in our last census, as follows, representing basic information to build upon as later information is obtained. Emmer and spelt is mostly emmer, and spelt is scarce. They are dry-farming crops.

State.	Acreage.	Bushels.	Value.
			\$
ARIZ.....	10	67	80
ARK.....	12	132	134
CALIF.....	840	19,755	13,758
CONN.....		14	12
DEL.....	41	1,412	1,005
GA.....	2	95	95
IDAHO.....	209	5,575	3,827
ILL.....	1,633	41,999	20,754
IND.....	223	4,276	2,256
IOWA.....	7,256	139,839	65,436
KAS.....	49,969	785,362	342,846
KY.....	96	2,021	1,804
MAINE.....	25	587	433
MD.....	92	2,171	1,246
MASS.....		6	5
MICH.....	6,742	154,103	97,414
MINN.....	30,891	757,339	338,841
MISS.....		40	40
MO.....	7,935	104,540	47,543
MONT.....	1,308	39,830	24,643
NEB.....	65,681	1,221,975	484,791
NEV.....	2	40	40
N. H.....		12	12
N. J.....	28	468	253
N. M.....	23	154	141
N. Y.....	1,382	33,890	22,110
N. D.....	101,144	2,564,732	1,102,782
OHIO.....	253	5,185	3,053
OKLA.....	8,659	94,580	54,690
OREGON.....	719	24,746	14,972
PENN.....	815	8,835	6,066
S. D.....	259,611	6,098,982	2,627,533
TENN.....	1	15	7
TEXAS.....	4,624	44,316	27,118
UTAH.....	48	1,131	763
VT.....	176	4,799	3,767
VA.....	52	795	770
WASH.....	302	10,843	6,388
W. VA.....	111	1,568	1,515
WIS.....	6,690	166,301	89,118
WYO.....	1,521	35,677	22,918
U. S.....	573,622	12,702,710	\$5,584,050

The Beekeepers and Colonies.

It is not often the colonies of bees are counted, but they are each census year. We present herewith tabulated comparison, showing the number of farms reporting the ownership of bees in each state and the number of colonies in the years 1900 to 1910. Unfortunately, the census people took the count in 1900 on June 1st and the next census the date was changed to April 15th. There appears to have been a decrease of beekeeping in ten years, from 1900 to 1910, but that is very likely not the case. We take official figures for what they are worth.

State.	Farms of Reporting, June 1, 1900.	Colonies of Bees, June 1, 1900.	Farms of Reporting, April 15, 1910.	Colonies of Bees, April 15, 1910.
ALA.....	32,100	205,369	23,911	135,140
ARIZ.....	489	18,991	441	23,770
ARK.....	22,182	111,318	19,692	92,731
CALIF.....	6,915	129,444	6,870	201,023
COLO.....	4,518	59,756	3,563	71,434
CONN.....	2,252	11,438	1,798	9,445
DEL.....	1,684	10,187	1,119	6,410
D. COL.....	7	59	13	151
FLA.....	4,521	39,753	4,345	38,895
GA.....	32,246	187,919	23,167	130,549
IDAHO.....	2,387	19,240	2,368	21,903
ILL.....	34,932	179,953	29,741	155,846
IND.....	28,632	117,148	19,487	80,938
IOWA.....	28,977	138,811	28,935	160,025
KAS.....	18,205	88,504	16,869	73,737

KY.....	44,974	203,320	35,603	152,991
LA.....	6,148	35,231	4,928	29,591
ME.....	2,496	10,857	1,371	7,592
MD.....	5,093	28,013	4,186	23,156
MASS.....	1,799	8,581	1,597	7,464
MICH.....	18,122	100,397	16,892	115,271
MINN.....	6,078	45,877	9,522	56,677
MISS.....	17,990	95,257	16,028	74,350
MO.....	41,145	203,110	40,310	203,569
MONT.....	234	1,801	795	6,313
NEB.....	12,130	52,143	12,538	45,625
NEV.....	278	5,692	176	8,401
N. H.....	1,228	5,520	1,002	4,644
N. J.....	2,327	14,118	1,627	10,484
N. M.....	410	6,164	418	10,052
N. Y.....	22,738	187,208	15,259	156,360
N. C.....	21,051	214,539	36,248	189,178
N. D.....	30	279	79	495
OHIO.....	34,458	151,391	23,203	98,242
OKLA.....	3,433	20,137	4,816	19,413
ORE.....	8,895	55,585	8,861	47,285
PENN.....	28,962	161,670	22,297	124,815
R. I.....	370	1,631	285	1,277
S. C.....	16,272	93,958	12,528	75,422
S. D.....	387	2,063	1,355	6,565
TENN.....	33,225	225,788	27,706	144,481
TEXAS.....	60,043	392,644	37,881	238,107
UTAH.....	3,707	33,818	1,873	26,185
VT.....	1,878	12,836	1,124	10,215
VA.....	25,744	139,064	22,437	104,005
WASH.....	4,435	30,870	5,886	33,884
W. VA.....	25,240	111,417	24,035	110,673
WIS.....	10,535	106,000	10,391	95,633
WYO.....	153	1,020	579	4,596
Total.....	707,215	4,108,239	585,955	3,445,006

Honey and Wax.

In the year 1899 the production of honey was 61,099,290 pounds, production of wax 1,763,595 pounds, the total value of the same being \$6,656,611. In 1909 the production was as follows:

State.	Honey, Pounds.	Wax, Pounds.	Value, Honey.	Value, Wax.
ALA.....	891,954	50,443	\$ 88,088	\$ 11,889
ARIZ.....	1,025,282	15,012	\$ 53,298	\$ 3,905
ARK.....	913,515	20,403	107,846	5,122
CALIF.....	10,264,715	126,445	631,529	33,838
COLO.....	2,306,492	33,682	225,832	8,502
CONN.....	145,722	1,096	25,558	355
DEL.....	62,777	2,756	7,770	463
D. C.....	3,657			
FLA.....	747,832	18,635	56,505	4,856
GA.....	884,662	23,434	96,114	5,774
IDAHO.....	1,011,068	8,018	86,251	2,131
ILL.....	1,428,640	26,240	194,625	6,133
IND.....	687,097	15,115	102,490	3,226
IOWA.....	2,374,080	44,266	275,418	10,011
KAS.....	609,785	4,332	83,243	1,194
KY.....	1,558,670	17,307	197,720	4,522
LA.....	340,134	12,284	30,915	2,996
ME.....	112,051	2,260	20,016	670
MD.....	306,367	4,358	38,164	1,080
MASS.....	96,802	1,019	18,806	370
MICH.....	2,507,810	28,524	289,137	7,605
MINN.....	976,262	16,880	120,560	4,057
MISS.....	559,012	15,155	60,972	3,890
MO.....	2,105,815	23,784	267,998	6,165
MONT.....	163,510	394	21,802	1,330
NEB.....	527,868	3,336	72,463	935
NEV.....	354,905	7,766	34,920	2,082
N. H.....	65,038	792	13,363	260
N. J.....	152,072	1,872	22,484	433
N. M.....	439,528	5,345	38,113	1,526
N. Y.....	3,191,733	43,198	376,608	13,034
N. C.....	1,809,127	76,400	211,607	18,979
N. D.....	11,084	92	1,840	29
OHIO.....	1,001,179	7,454	131,710	2,181
OKLA.....	140,234	1,088	23,783	313
ORE.....	839,981	3,383	92,476	2,034
PENN.....	1,840,360	21,823	256,428	6,376
R. I.....	14,221	185	2,904	55
S. C.....	653,119	12,440	75,941	2,905
S. D.....	129,714	943	20,165	278
TENN.....	1,468,123	28,864	175,791	7,271
TEX.....	3,093,097	58,402	308,488	14,310
UTAH.....	1,138,091	16,667	75,892	3,871
VT.....	160,283	2,899	25,351	815
VA.....	1,344,360	23,883	167,971	5,956
WASH.....	503,580	4,038	65,196	1,195
W. VA.....	1,550,739	11,090	228,843	2,787
WIS.....	2,153,819	55,402	223,606	12,117
WYO.....	138,924	1,563	16,248	477
Total.....	54,814,890	904,867	\$5,762,860	\$220,214

WOOL PRODUCTION.

The statement shows the production of wool in the United States in the years 1917 and 1918 as estimated by the United States Department of Agriculture:

State.	Production, Production,	
	1917.	1918.
	Pounds.	Pounds.
ALABAMA.....	350,000	368,000
ARKANSAS.....	350,000	402,000
ARIZONA.....	5,831,000	5,656,000
CALIFORNIA.....	12,180,000	12,545,000
COLORADO.....	8,820,000	9,261,000
CONNECTICUT.....	75,000	76,000
FLORIDA.....	355,000	426,000
GEORGIA.....	455,000	478,000
DELAWARE.....	31,000	31,000
IDAHO.....	17,500,000	10,500,000
INDIANA.....	4,332,000	4,765,000
ILLINOIS.....	3,855,000	4,048,000
IOWA.....	4,500,000	4,815,000
KANSAS.....	1,450,000	1,624,000
KENTUCKY.....	2,969,000	3,058,000
LOUISIANA.....	560,000	594,000
MAINE.....	833,000	833,000
MARYLAND.....	758,000	773,000
MASSACHUSETTS.....	119,000	119,000
MICHIGAN.....	8,192,000	8,765,000
MINNESOTA.....	2,964,000	3,112,000
MISSISSIPPI.....	491,000	619,000
MISSOURI.....	4,810,000	5,532,000
MONTANA.....	23,342,000	23,342,000
NEBRASKA.....	1,600,000	1,696,000
NEVADA.....	9,000,000	10,000,000
NEW HAMPSHIRE.....	183,000	192,000
NEW JERSEY.....	80,000	88,000
NEW MEXICO.....	18,422,000	17,132,000
NEW YORK.....	3,514,000	3,830,000
NORTH CAROLINA.....	553,000	570,000
NORTH DAKOTA.....	1,418,000	1,560,000
OHIO.....	12,000,000	12,600,000
OKLAHOMA.....	450,000	518,000
OREGON.....	12,000,000	12,500,000
SOUTH DAKOTA.....	3,738,000	4,747,000
SOUTH CAROLINA.....	95,000	103,000
TENNESSEE.....	1,776,000	1,954,000
PENNSYLVANIA.....	4,255,000	4,774,000
RHODE ISLAND.....	24,000	24,000
TEXAS.....	10,045,000	11,250,000
UTAH.....	14,800,000	15,800,000
VERMONT.....	597,000	663,000
VIRGINIA.....	1,862,000	1,918,000
WASHINGTON.....	4,813,000	5,504,000
WEST VIRGINIA.....	2,695,000	2,830,000
WISCONSIN.....	2,500,000	2,850,000
WYOMING.....	30,380,000	31,026,000
UNITED STATES.....	241,892,000	257,921,000

LIVE STOCK IMPORTS, 1918.

Month.	Cattle.	Sheep.	Horses.	Mules.
JANUARY.....	9,286	1,423	231	.....
FEBRUARY.....	11,924	7,085	520	.....
MARCH.....	14,603	13,200	588	.....
APRIL.....	22,563	1,899	602	.....
MAY.....	22,112	3,512	504	.....
JUNE.....	27,457	6,887	174	.....
JULY.....	21,512	672	166	.....
AUGUST.....	31,435	4,691	358	.....
SEPTEMBER.....	47,983	20,274	203	.....
OCTOBER.....	49,439	32,105	121	.....
NOVEMBER.....	54,403	36,453	276	.....
DECEMBER.....	38,802	22,002	116	.....
TOTAL.....	351,519	150,202	3,869	.....

LIVE STOCK EXPORTS, 1918.

Month.	Cattle.	Sheep.	Horses.	Mules.
JANUARY.....	601	6	8,135	3,701
FEBRUARY.....	508	48	9,091	1,286
MARCH.....	1,245	6	4,500	1,293
APRIL.....	1,457	11	2,446	89
MAY.....	1,108	96	2,263	380
JUNE.....	2,457	88	4,744	1,469
JULY.....	427	6,196	2,966	124
AUGUST.....	542	108	6,056	2,176
SEPTEMBER.....	311	39	3,509	2,223
OCTOBER.....	418	889	4,019	2,568
NOVEMBER.....	3,598	75	2,707	1,803
DECEMBER.....	4,608	400	734	207
TOTAL.....	17,280	7,962	51,170	17,319

In the early part of the year 1830 the B. & O. Railway was finished from Baltimore to Ellicott Mills, a distance of thirteen miles. It was operated by horses.

IMPORTS AND EXPORTS OF LIVE STOCK.

The following interesting statement from official records is an exhibit of imports and exports of domestic animals.

LIVE STOCK IMPORTS.

Year.	Cattle.	Sheep.	Horses.	Mules.
1909.....	153,902	127,019	9,580	.....
1910.....	211,230	56,201	10,714	.....
1911.....	25,413	23,063	8,469	.....
1912.....	325,717	15,342	8,333	.....
1913.....	328,717	15,342	8,333	.....
1914.....	736,937	115,688	18,617	.....
1915.....	727,891	199,825	25,764	.....
1916.....	552,489	276,521	13,693	.....
1917.....	295,647	125,722	12,371	.....
1918.....	347,510	202,861	10,002	.....
1918.....	351,519	150,203	3,869	.....

LIVE STOCK EXPORTS.

Year.	Cattle.	Sheep.	Horses.	Mules.
1909.....	184,957	54,613	23,428	4,162
1910.....	109,629	52,638	29,359	6,458
1911.....	164,087	177,069	30,291	4,920
1912.....	46,463	191,963	29,229	4,490
1913.....	26,236	170,411	29,356	5,075
1914.....	8,694	78,227	92,923	13,761
1915.....	16,252	40,501	443,014	122,000
1916.....	12,179	55,089	287,413	134,461
1917.....	20,009	30,300	170,322	72,590
1918.....	17,280	7,962	51,170	17,319

HORSES AND MULES EXPORTED.

Two tabulations show the number of horses and mules exported from the United States, month by month, during the years 1914, 1915, 1916 and 1917.

HORSES.

Year.	1914.	1915.	1916.	1917.
	Number.	Number.	Number.	Number.
JAN....	1,104	34,643	21,593	30,171
FEB....	1,324	36,960	22,543	14,523
MARCH.....	3,071	33,694	23,567	18,905
APRIL.....	5,161	30,736	16,487	16,943
MAY.....	1,801	33,498	18,654	16,437
JUNE.....	1,236	40,083	21,300	18,435
JULY.....	927	47,380	24,715	7,657
AUG.....	804	43,593	29,878	11,047
SEPT.....	7,146	44,345	31,558	9,411
OCT.....	12,091	16,127	29,590	10,008
NOV.....	28,071	25,630	18,044	4,127
DEC.....	30,687	26,325	29,475	12,658
Total.	92,923	443,014	287,413	170,322

MULES.

Year.	1914.	1915.	1916.	1917.
	Number.	Number.	Number.	Number.
JAN....	434	6,909	7,246	10,812
FEB....	625	6,638	11,597	12,906
MARCH.....	569	6,433	7,232	14,186
APRIL.....	630	12,253	5,302	4,006
MAY.....	273	13,613	9,233	5,547
JUNE.....	244	12,916	9,091	4,472
JULY.....	211	15,031	7,456	2,320
AUG.....	108	12,925	16,629	2,392
SEPT.....	181	10,094	17,239	5,361
OCT.....	195	9,396	15,309	4,444
NOV.....	1,035	3,943	15,997	1,218
DEC.....	5,266	11,825	12,130	4,926
Total..	9,771	122,066	134,461	72,590

WOOL PRODUCTION, YEAR BY YEAR.

The following statement represents the United States Department of Agriculture estimate of the wool production of the United States, year by year, since the year 1894, the year of the largest production being 1909, and the smallest in 1898.

Year.	Pounds.	Year.	Pounds.
1894.....	298,057,384	1906.....	298,915,130
1895.....	309,748,000	1907.....	298,294,750
1896.....	272,474,708	1908.....	311,138,321
1897.....	259,153,251	1909.....	328,110,749
1898.....	266,720,684	1910.....	321,362,750
1899.....	272,191,330	1911.....	318,547,900
1900.....	288,636,621	1912.....	304,043,400
1901.....	302,502,328	1913.....	296,175,300
1902.....	316,341,032	1914.....	290,192,000
1903.....	287,450,000	1915.....	285,726,000
1904.....	291,783,032	1916.....	288,490,000
1905.....	295,488,438	1917.....	241,892,000

Horses and Mules Sold.

This tabulated statement is for the last census year. It accounts for about 2,500,000 horses and mules that were raised on farms and ranches in the United States and were available for sale and were sold in one year. It represented the available annual crop of horses and mules at the close of the census year.

State.	No. of Farms Report- ing.	Horses Sold.	No. of Farms Report- ing.	Mules Sold.
ALA.	5,523	7,787	8,083	12,661
ARIZ.	777	4,357	69	216
ARK.	13,991	22,073	13,210	25,443
CALIF.	7,995	28,989	1,627	8,916
COLO.	5,454	23,821	776	2,697
CONN.	1,202	3,225	8	95
DEL.	665	1,453	140	307
DIST. COL.	4	9	3	8
FLA.	968	1,667	518	892
GA.	3,867	5,453	7,247	15,028
IDAHO.	3,798	13,484	171	495
ILL.	62,018	165,925	16,876	52,426
IND.	46,245	110,115	9,610	32,577
IOWA.	62,087	181,556	5,656	15,612
KAS.	35,743	105,512	17,362	64,924
KY.	23,962	43,301	23,342	60,392
LA.	2,468	4,109	1,417	3,229
ME.	4,758	12,003	25	44
MD.	5,099	10,549	718	1,882
MASS.	1,991	5,963	9	16
MICH.	30,297	52,435	271	484
MINN.	24,448	45,790	375	687
MISS.	5,639	7,975	5,570	9,169
MO.	50,197	124,585	43,293	150,436
MONT.	3,821	31,037	174	950
NEB.	26,729	91,218	5,866	17,541
NEV.	369	6,353	48	254
N. H.	1,116	4,965	58	711
N. J.	2,007	4,921	89	245
N. M.	2,217	11,208	765	2,038
N. Y.	20,622	39,552	196	377
N. C.	7,249	12,236	6,428	10,885
N. D.	11,013	36,983	248	636
OHIO.	49,142	104,500	1,742	3,864
OKLA.	23,373	59,751	17,661	47,193
OREGON.	6,104	21,455	346	1,685
PENN.	29,297	59,232	2,022	5,893
R. I.	193	579	1	8
S. C.	1,648	2,818	2,421	4,346
S. D.	13,851	50,858	634	1,511
TENN.	22,486	39,011	30,327	78,170
TEXAS.	28,529	69,497	27,090	70,975
UTAH.	2,549	7,069	180	382
VT.	3,220	7,158	35	55
VA.	15,148	31,878	3,874	7,021
WASH.	6,028	14,106	317	1,240
W. VA.	11,797	19,456	1,258	2,290
WIS.	25,269	43,656	176	314
WYO.	1,703	12,711	69	295
Total.	715,136	1,768,342	257,800	716,862

Rye, Buckwheat and Rice.

Year.	Rye, Acres.	Buckwheat, Acres.	Rice, Acres.
1909.	2,196,000	878,000	610,000
1910.	2,185,000	860,000	723,000
1911.	2,127,000	833,000	696,000
1912.	2,117,000	841,000	723,000
3 Years.	6,429,000	2,534,000	2,142,000
1913.	2,557,000	805,000	827,000
1914.	2,541,000	792,000	694,000
1915.	3,129,000	769,000	803,000
3 Years.	8,227,000	2,366,000	2,324,000
1916.	3,213,000	828,000	869,000
1917.	4,102,000	1,006,000	964,000
1918.	5,435,000	1,045,000	1,120,000
3 Years.	12,750,000	2,879,000	2,953,000

In 1830 the first practical locomotive engine for every-day work was built at West Point Foundry, New York, for the South Carolina Railroad.

Sheep Sold and Slaughtered.

This statement refers to the last census year, when in the United States there were 52,448,000 sheep and lambs. During that year owners of 297,878 farms and ranches reported having sold a total of 18,991,456 sheep, and owners of 69,229 farms and ranches reported that they had slaughtered a total of 529,526. The sheep sold were valued at \$4.34 per head, and the sheep slaughtered at \$4.28 per head.

State.	Farms Report- ing.	No. Sheep Sold.	Farms Report- ing.	Sheep Slaughtered.
ALA.	1,289	18,539	1,293	5,251
ARIZ.	733	205,496	194	8,125
ARK.	2,533	49,356	1,250	5,705
CALIF.	1,713	815,960	919	35,915
COLO.	879	977,460	577	19,945
CONN.	216	5,887	195	2,685
DEL.	96	1,301	16	87
FLA.	59	2,916	101	1,484
GA.	1,113	14,602	928	3,552
IDAHO.	842	1,021,847	611	8,494
ILL.	12,948	534,030	1,649	4,284
IND.	21,202	584,778	951	3,714
IOWA.	9,925	594,869	2,556	6,180
KAS.	1,262	274,332	546	2,399
KY.	19,243	671,321	3,250	10,650
LA.	375	13,864	678	3,965
ME.	5,978	89,522	1,997	23,277
MD.	3,096	76,827	530	2,952
MASS.	385	6,558	202	2,412
MICH.	36,004	1,110,614	3,012	17,818
MINN.	8,599	242,613	5,418	16,231
MISS.	757	11,329	1,106	4,845
MO.	24,283	883,160	3,171	7,461
MONT.	711	1,543,632	425	13,788
NEB.	1,459	395,872	551	1,753
NEV.	113	328,046	104	6,973
N. H.	944	14,340	464	5,987
N. J.	403	9,356	149	1,229
N. M.	1,169	1,009,504	2,275	58,839
N. Y.	14,765	403,307	3,155	51,277
N. C.	5,279	75,437	3,026	9,763
N. D.	773	75,459	927	4,342
OHIO.	35,781	1,287,373	2,459	16,754
OKLA.	307	41,768	185	1,129
OREGON.	3,018	998,484	1,395	15,786
PENN.	14,413	320,541	3,007	28,218
R. I.	90	1,153	40	749
S. C.	343	3,894	318	1,409
S. D.	1,631	227,857	1,119	7,246
TENN.	14,178	456,484	3,722	13,490
TEXAS.	1,968	401,433	1,089	9,396
UTAH.	738	425,689	676	16,597
VT.	2,565	64,044	576	6,600
VA.	11,807	140,025	2,580	9,185
WASH.	729	177,169	731	7,880
W. VA.	14,953	410,133	3,173	8,269
WIS.	16,139	397,284	5,437	15,116
WYO.	672	1,276,011	565	20,832
Total.	297,878	18,991,456	69,229	529,526

PRODUCTION OF CABBAGE.

The following forecast of the commercial production of cabbage in 1918 is based upon the condition of the crop as reported on September 15 and September 1, 1918, and estimate of the total production in 1917, by states:

State.	Total Production in 1917, Tons.	Condi- tion, Per Cent.	Pro- duction, 1918, Tons.
N. Y.	206,590	76	274,350
WIS.	96,760	62	93,000
MICH.	42,330	61	38,130
COLO.	42,570	82	49,720
OHIO.	20,050	53	26,565
MINN.	23,750	85	17,100
VA.	14,620	84	16,160
IOWA.	7,200	82	14,760
IND.	12,350	62	11,220
Total.	475,220	..	541,005
Latest.	475,300	..	565,200

Straw and grass were first utilized in the United States for the manufacture of paper by G. A. Schryock, of Philadelphia, in 1829.

WHAT BECOMES OF THE GRAIN CROPS.

RECEIPTS OF GRAIN AT VARIOUS CITIES IN THE YEAR 1916.

Cities.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.	Total, Bushels.
Chicago, 1916.....	74,944,000	102,370,000	161,244,000	5,601,000	34,526,000	378,691,000
Detroit, 1916.....	2,539,000	3,835,000	3,933,000	531,000	.....	10,838,000
Buffalo, 1916.....	138,663,781	3,527,207	22,036,301	1,477,346	11,700,053	177,403,688
Montreal, 1916.....	58,382,190	4,773,091	23,799,796	353,896	3,351,922	90,660,895
Omaha, 1916.....	36,831,600	21,466,600	14,570,700	1,163,800	1,136,800	75,169,500
Peoria, 1916.....	3,440,100	37,164,790	11,728,950	629,700	3,333,100	56,296,640
Kansas City, 1916.....	77,785,650	22,186,250	7,961,100	414,700	2,043,000	108,390,700
St. Louis, 1916.....	40,578,583	18,459,835	19,237,385	813,714	1,580,920	80,670,437
Indianapolis, 1916.....	3,292,000	25,166,000	14,596,000	126,000	.....	43,180,000
Cincinnati, 1916.....	7,274,652	9,499,415	7,005,353	660,077	1,498,534	25,938,031
Toledo, 1916.....	6,592,700	3,961,600	4,358,800	135,100	19,000	15,067,200
Cleveland, 1916.....	2,120,979	3,706,405	5,609,815	593,767	68,421	12,099,387
Boston, 1916.....	16,521,474	2,401,678	13,493,560	265,888	564,655	33,247,255
New York, 1916.....	127,316,180	11,055,200	33,277,800	744,700	14,055,023	186,448,903
Philadelphia, 1916.....	42,903,186	4,827,874	13,643,442	384,783	1,155,489	62,914,774
Baltimore, 1916.....	46,289,243	22,069,065	41,230,468	12,577,433	4,986,969	127,153,178
Milwaukee, 1916.....	8,705,256	11,611,530	40,134,900	3,669,240	22,402,760	86,523,686
Duluth, 1916.....	50,691,105	.....	7,299,813	2,850,506	10,621,371	71,462,795
Minneapolis, 1916.....	130,404,830	7,536,220	42,525,860	7,297,320	37,688,460	225,352,690
Galveston, 1916.....	24,076,000	1,038,000	.....	.....	48,113	25,162,113
New Orleans, 1916.....	23,724,000	6,792,000	3,397,000	.....	954,000	34,867,000
Portland, Ore., 1916.....	6,873,997	178,620	3,139,000	44,800	798,094	11,025,511
San Francisco, 1916.....	3,351,223	330,213	2,162,650	32,698	8,408,336	14,285,115
Winnipeg, 1916.....	235,203,800	.....	103,725,450	183,000	11,188,300	350,300,550

RECEIPTS OF GRAIN AT VARIOUS CITIES IN THE YEAR 1917.

Cities.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.	Total, Bushels.
Chicago, 1917.....	31,751,000	70,854,000	125,910,000	4,541,000	22,348,000	356,404,000
Detroit, 1917.....	2,484,000	2,715,000	3,626,000	460,000	.....	9,285,000
Buffalo, 1917.....	97,898,000	12,158,000	48,362,000	3,570,000	11,896,000	163,884,000
Montreal, Can., 1917.....	33,662,446	850,104	13,674,161	216,612	2,815,818	51,219,141
Omaha, 1917.....	13,714,600	29,882,600	20,280,500	875,200	1,711,000	66,460,300
Peoria, 1917.....	2,792,200	29,266,890	16,986,450	220,800	3,297,200	52,563,540
Kansas City, 1917.....	36,954,000	14,017,500	14,917,000	442,200	7,110,000	72,441,600
St. Louis, 1917.....	30,359,894	22,249,782	30,842,635	460,432	1,726,644	85,539,387
Cincinnati, 1917.....	7,517,958	8,939,172	7,073,714	750,661	1,033,828	25,315,336
Toledo, 1917.....	5,443,200	2,227,800	3,720,600	124,100	14,800	11,530,500
Cleveland, 1917.....	2,088,076	2,014,052	4,562,115	267,978	5,061	8,906,285
Boston, 1917.....	7,815,893	805,526	9,570,000	265,880	60,377	18,517,681
New York, 1917.....	78,217,300	13,768,700	38,406,000	3,441,500	11,543,000	145,376,500
Philadelphia, 1917.....	31,285,652	4,034,394	18,974,789	1,205,913	151,477	45,652,225
Baltimore, 1917.....	25,373,787	19,191,062	22,670,743	9,713,836	1,586,769	77,896,197
Milwaukee, 1917.....	7,676,447	11,121,900	29,341,010	2,500,165	16,724,120	67,363,642
Duluth, 1917.....	30,576,769	31,938	5,184,253	3,800,739	8,559,418	48,153,117
Minneapolis, 1917.....	101,021,250	8,065,390	29,382,000	9,212,550	27,791,110	175,472,190
Galveston, 1917.....	14,060,965	556,899	929,350	150,000	865,103	16,562,317
New Orleans, 1917.....	17,005,657	3,764,847	9,247,100	281,442	8,869,893	39,168,939
Port Arthur, Can., 1917.....	160,961,158	.....	47,761,375	159,647	6,760,000	205,742,180
Winnipeg, 1917.....	188,299,650	.....	66,311,700	324,000	7,016,100	261,951,450

RECEIPTS OF GRAIN AT VARIOUS CITIES IN THE YEAR 1918.

Cities.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.	Total, Bushels.
Chicago, 1918.....	69,610,000	100,409,000	137,072,000	4,480,000	18,534,000	330,105,000
Detroit, 1918.....	1,634,000	4,450,500	3,881,000	635,000	42,000	10,642,500
Buffalo, 1918.....	101,897,360	2,027,920	13,514,256	7,992,097	3,244,636	128,706,269
Montreal, 1918.....	36,359,093	280,963	42,825,432	428,767	5,010,525	83,904,785
Omaha, 1918.....	18,040,600	45,688,200	23,572,000	1,500,000	2,663,000	91,463,800
Peoria, 1918.....	3,520,700	37,584,660	15,231,100	382,800	1,060,900	57,780,160
Kansas City, 1918.....	56,448,150	20,302,500	15,548,200	465,300	1,566,000	98,330,150
St. Louis, 1918.....	37,781,818	25,707,161	32,884,465	418,333	905,883	97,647,660
Cincinnati, 1918.....	3,867,200	2,304,500	3,537,600	299,200	.....	10,628,500
Toledo, 1918.....	5,513,707	2,544,650	8,880,350	105,100	980,200	18,324,077
Cleveland, 1918.....	1,886,951	2,234,742	6,082,333	60,990	67,200	10,332,219
Boston, 1918.....	5,599,511	490,250	8,550,692	209,088	452,745	15,302,286
New York, 1918.....	34,986,272	7,726,900	27,229,800	3,790,650	5,684,575	78,518,197
Philadelphia, 1918.....	20,920,536	3,012,593	14,050,358	1,337,242	444,366	39,765,095
Baltimore, 1918.....	20,611,023	4,314,090	14,262,561	2,881,807	192,637	42,262,118
Milwaukee, 1918.....	13,049,429	11,803,920	39,266,245	2,667,785	10,117,640	76,905,019
Duluth, 1918.....	78,842,730	189,932	7,927,492	7,474,797	4,828,278	94,643,229
Minneapolis, 1918.....	111,885,020	16,527,430	44,065,160	13,233,000	32,715,370	218,425,980
Galveston, 1918.....	4,334,613	3,775,024	.....	242,979	2,417,793	10,770,409
New Orleans, 1918.....	14,148,000	13,497,000	19,071,000	232,000	6,589,000	53,537,009
Port Arthur, Can., 1918.....	112,782,282	.....	19,574,405	624,572	6,797,999	139,962,258
Winnipeg, 1918.....	120,042,535	.....	46,774,630	980,000	9,730,500	177,527,673

THE SIZE OF AMERICAN FARMS.

The following tabulated statement is an exhibit of the different sized farms in the United States, showing the number in each state in each class. On page 4 will be found a memorandum of the total number of each size in the United States:

States.	Farms less than 3 Acres.	Farms 3 to 9 Acres.	Farms 10 to 19 Acres.	Farms 20 to 49 Acres.	Farms 50 to 99 Acres.	Farms 100 to 174 Acres.	Farms 175 to 250 Acres.	Farms 260 to 499 Acres.	Farms 500 to 999 Acres.	Farms ex- ceeding 1,000 Acres.
ALA.	130	13,613	28,115	106,841	55,448	35,563	11,932	8,161	2,276	822
ARIZ.	1,595	912	839	1,447	820	2,591	263	494	164	72
ARK.	114	6,270	29,875	74,983	45,373	39,353	11,135	6,014	1,163	398
CALIF.	1,269	9,324	11,932	20,614	10,680	12,015	4,689	7,862	5,119	4,693
COLO.	569	2,232	2,279	3,882	4,384	16,355	3,004	9,472	2,426	1,577
CONN.	223	2,693	3,119	6,306	6,634	4,999	1,702	911	188	46
DEL.	32	672	831	1,988	2,977	2,849	994	435	52	6
D. C.				217						
FLA.	307	3,758	5,029	17,169	9,999	3,178	2,588	1,956	670	371
GA.	98	8,602	20,929	117,432	68,510	42,275	16,436	11,274	3,950	1,521
IDAHO.	189	875	941	4,048	5,820	11,891	2,519	3,347	921	256
ILL.	845	9,191	10,258	33,322	57,917	80,539	38,315	19,440	1,842	203
IND.	441	11,508	11,695	40,161	67,221	57,261	18,081	8,026	949	142
IOWA.	392	7,295	6,037	15,687	38,712	80,121	40,304	25,861	2,430	214
KAS.	220	4,221	3,601	10,738	26,151	57,789	26,590	34,696	10,475	3,360
KY.	315	21,777	33,380	58,737	65,778	50,134	17,315	9,324	2,181	444
LA.	341	6,671	22,241	46,389	20,248	13,681	4,645	3,761	1,548	1,013
MAINE.	118	3,456	3,539	9,492	17,895	16,633	5,653	2,640	461	129
MD.	148	4,977	5,107	8,629	9,946	11,457	5,043	3,027	506	83
MASS.	833	4,817	4,956	8,890	7,981	5,703	2,147	1,178	319	93
MICH.	387	6,679	7,719	49,890	73,748	50,622	12,426	4,717	607	165
MINN.	294	2,555	2,770	12,028	26,571	55,424	27,972	24,864	3,359	300
MISS.	240	11,132	55,571	112,666	44,645	30,172	10,132	6,983	2,061	780
MO.	455	8,561	10,740	47,398	74,178	80,020	32,109	19,812	3,427	544
MONT.	274	229	252	956	1,260	10,552	1,566	6,773	2,353	1,999
NEB.	129	2,998	1,931	4,558	12,618	43,916	20,743	26,490	13,128	3,867
NEV.	87	79	105	320	411	555	174	360	248	344
N. H.	92	2,357	2,146	4,509	6,248	6,247	2,964	1,810	513	167
N. J.	541	3,256	4,276	7,607	8,194	7,207	1,653	576	132	59
N. MEX.	988	3,212	2,685	2,812	1,820	11,363	1,353	6,035	836	572
N. Y.	1,424	17,231	15,533	31,047	56,821	61,031	21,901	9,262	1,104	242
N. C.	116	14,868	28,240	75,629	62,157	43,987	15,629	9,625	2,669	805
N. DAK.	54	82	93	450	1,207	23,003	5,345	29,048	12,662	2,416
OHIO.	749	19,448	18,716	50,331	88,047	68,746	18,211	6,902	783	112
OKLA.	104	1,975	5,079	31,189	39,002	75,186	16,078	17,734	2,688	857
OREGON.	244	2,639	3,147	6,888	6,800	12,009	3,680	5,663	2,716	1,716
PA.	972	19,130	18,556	39,721	65,687	55,518	14,096	4,816	632	167
R. I.	145	585	647	1,144	1,264	945	312	175	51	24
S. C.	53	14,218	23,714	70,582	33,147	19,427	7,164	5,375	1,942	812
S. DAK.	99	341	368	1,121	2,406	28,396	8,230	24,811	9,698	2,174
TENN.	143	14,713	32,485	72,212	60,105	41,545	14,149	8,301	1,878	481
TEXAS.	411	9,069	19,891	98,583	112,237	94,574	31,864	27,185	12,833	11,123
UTAH.	297	1,836	2,541	5,530	4,170	3,660	1,372	1,309	551	390
VT.	60	2,581	1,937	3,481	5,910	9,492	5,194	3,322	607	125
VA.	227	17,464	22,055	42,390	38,342	32,997	14,963	11,138	3,450	992
WASH.	563	6,593	5,373	10,252	7,105	13,884	3,089	6,126	3,481	1,726
W. VA.	117	7,419	7,863	20,323	26,806	20,156	7,481	4,767	1,316	437
WIS.	273	5,491	4,883	23,460	54,007	58,439	20,196	9,274	966	141
WYO.	284	83	53	338	645	3,816	785	2,846	984	1,155

COMPARATIVE GRAIN CROPS OF UNITED STATES FOR A SERIES OF YEARS.

Crop.	Wheat, Bushels.	Corn, Bushels.	Oats, Bushels.	Rye, Bushels.	Barley, Bushels.
1887.	456,329,000	1,456,161,000	659,618,000	20,691,000	56,812,000
1888.	414,868,000	1,987,790,000	701,735,000	28,415,000	63,884,000
1889.	490,560,000	2,112,892,000	751,515,000	28,500,000	66,000,000
1890.	399,262,000	1,489,970,000	523,621,000	29,000,000	58,800,000
1891.	611,780,000	2,060,154,000	733,394,000	36,000,000	77,400,000
1892.	515,949,000	1,628,464,000	661,035,000	36,000,000	76,460,000
1893.	396,131,725	1,619,496,131	638,854,850	26,555,446	69,869,495
1894.	460,267,416	1,212,770,052	662,063,928	26,737,615	61,400,465
1895.	467,102,947	1,151,138,580	824,443,537	27,210,070	87,072,744
1896.	427,684,346	1,283,875,165	707,544,404	24,369,047	69,605,223
1897.	530,149,168	1,902,967,933	789,767,809	7,363,324	66,685,127
1898.	675,148,705	1,924,184,660	730,906,643	25,657,522	55,792,257
1899.	547,303,846	2,078,143,933	706,177,713	23,961,741	73,381,563
1900.	522,229,505	2,105,102,516	809,125,989	23,995,927	58,925,833
1901.	748,460,218	1,522,519,891	736,680,724	30,344,830	109,932,924
1902.	670,065,000	2,523,618,812	987,842,712	33,630,592	134,954,023
1903.	637,821,835	2,244,176,925	784,094,199	29,363,416	131,861,391
1904.	552,399,517	2,467,480,934	894,595,552	27,234,565	139,748,958
1905.	692,979,489	2,707,993,540	953,216,197	27,616,045	136,651,020
1906.	735,260,970	2,927,416,091	964,904,523	33,374,833	178,916,481
1907.	634,087,000	2,592,320,000	754,443,000	31,566,000	153,597,000
1908.	664,692,000	2,668,651,000	807,156,000	31,851,000	166,756,000
1909.	683,350,000	2,552,190,000	1,007,129,000	29,520,000	176,321,000
1910.	635,121,000	2,886,260,000	1,186,341,000	34,897,000	173,832,000
1911.	621,238,000	2,531,488,000	1,232,298,000	33,119,000	160,240,000
1912.	730,287,000	3,124,746,000	1,418,537,000	35,664,000	223,824,000
1913.	763,380,000	2,446,988,000	1,121,760,000	41,381,000	178,189,000
1914.	891,017,000	2,672,804,000	1,141,060,000	42,779,000	194,953,000
1915.	1,011,505,000	3,054,535,000	1,540,362,000	49,190,000	237,009,000
1916.	639,886,000	2,533,241,000	1,251,992,000	47,383,000	150,927,000
1917.	636,655,000	3,065,233,000	1,592,740,000	62,933,000	211,759,000
1918.	917,100,000	2,582,814,000	1,538,359,000	89,103,000	256,375,000

FARM TENURE—WHITE AND COLORED.

In the United States at the last census 5,540,619 farms were in the hands of white farmers and 920,883 farms were in the hands of colored farmers. White owners cultivating their own farms were 3,707,501, and colored farmers cultivating their own farms were 241,221. White farm managers conducted 56,560 farms, and 1,544 colored men managed other people's farms. There were 1,676,558 farms rented by white tenants and 678,118 farms rented by colored tenants.

WHITE FARMERS. COLORED FARMERS.

State.	Owners.	Mgrs.	Tenants.	Owners.	Mgrs.	Tenants.
ALA.	86,847	594	55,017	17,082	52	93,309
ARIZ.	5,054	152	818	3,149	1	43
ARK.	91,987	717	58,381	14,662	46	48,885
CALIF.	65,694	3,355	16,070	938	62	2,078
COLO.	36,527	786	8,283	4,666	1	107
CONN.	23,155	937	2,610	79	12	22
DEL.	5,772	107	4,055	406	16	500
D. C.	110	14	81	8	1	3
FLA.	28,101	1,174	6,020	7,298	101	7,322
GA.	82,930	1,296	84,242	15,698	123	106,738
IDAHO.	26,826	450	3,126	343		62
ILL.	144,318	2,368	103,761	789	18	613
IND.	148,029	2,282	64,369	472	15	318
IOWA.	132,867	1,924	82,052	136	2	63
KAN.	110,010	1,314	64,826	1,098	21	572
KY.	164,043	953	82,099	5,929	40	5,761
LA.	42,264	873	22,530	10,725	77	44,077
MAINE.	56,429	998	2,560	25	1	3
MD.	23,569	901	12,081	3,950	37	2,335
MASS.	31,966	1,859	2,968	100	4	11
MICH.	171,525	1,952	32,537	785	9	152
MINN.	211,910	1,220	32,714	194	2	97
MISS.	67,040	719	41,886	25,026	106	139,605
MO.	190,176	1,960	81,442	2,109	41	1,516
MONT.	22,198	502	2,318	1,167	3	26
NEB.	78,881	986	49,349	369	1	92
NEV.	2,023	180	325	152	1	8
N. H.	24,481	680	1,887	12	2	184
N. J.	32,868	1,033	8,110	265	27	23
N. M.	31,277	317	1,934	2,121	4	117
N. Y.	165,866	4,037	44,755	808	14	44,139
N. C.	123,877	1,014	63,148	21,443	74	27
N. D.	62,485	482	10,650	727	2	14
OHIO.	190,791	2,725	76,579	1,313	28	609
OKLA.	74,250	621	91,643	11,150	27	9,494
ORE.	37,318	839	6,713	478	8	141
PENN.	163,888	3,930	50,931	341	31	174
R. I.	4,058	251	942	29		12
S. C.	43,978	732	34,926	20,372	131	76,295
S. D.	55,248	422	19,166	2,736	7	65
TENN.	133,425	775	73,504	10,700	51	27,557
TEX.	174,631	2,251	170,970	21,232	81	48,605
UTAH.	19,546	193	1,661	216	1	59
V.A.	101,436	1,445	33,023	32,228	180	15,706
VT.	28,048	635	4,006	17	1	2
WASH.	46,804	950	7,313	701	11	413
W. VA.	75,420	865	19,692	558	7	143
WIS.	150,473	1,447	24,616	549	4	38
WYO.	9,781	310	894	61	1	3

U. S.	3,707,501	1,676,558	1,544
U. S.	56,560	241,221	678,118

FOOD SUPPLIES OF COUNTRIES.

The following table gives estimated values of relative imports, exports and production of foodstuffs in the countries named (on the basis of 100 representing their consumption) prior to the outbreak of the war. It may surprise some persons to observe that before the war the United States imported more foodstuffs than she exported. The principal exports of foodstuffs from the United States are grain and meats, but these did not equal in value the imports of sugar and coffee. In addition to these much of our imports are tropical or subtropical fruits.

Index Numbers of Foodstuffs Imported, Exported, Produced and Consumed, Furnished by the United States Department of Agriculture.

Countries.	Con- sump- tion.	Im- ports.	Ex- ports.	Pro- duc- tion.
UNITED KINGDOM.	100	56.3	9.1	52.8
FRANCE.	100	12.2	5.7	93.5
RUSSIA.	100	2.8	12.4	109.6
BELGIUM.	100	62.8	20.1	57.3
UNITED STATES.	100	10.2	7.4	97.2
CANADA.	100	12.5	35.3	122.8
ARGENTINA.	100	5.3	53.3	148.0
GERMANY.	100	20.8	8.4	87.6
AUSTRIA-HUNGARY.	100	7.8	6.2	98.4

IMPROVED AND UNIMPROVED LAND.

NOTE.—Farm land is divided by the Census Department into three classifications: 1. Improved land includes all land regularly tilled or mowed, land pastured and cropped in rotation, land lying fallow, land in gardens, orchards, vineyards and nurseries and land occupied by farm buildings. 2. Woodland includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products. 3. Unimproved land includes brush land, rough or stony land, swamp land and any other land which is not inclosed or is in forests.

State.	Acres in Farms.	Acres im- proved.	Acres in Tim- ber.	Acres unim- proved.
ALA.	20,732,312	9,693,581	9,444,764	1,593,967
ARIZ.	1,246,613	350,173	100,061	796,379
CAL.	27,931,444	11,389,894	4,541,767	11,999,783
CON.	13,532,113	4,302,101	891,698	8,338,314
COL.	2,185,788	988,252	757,743	439,793
DEL.	1,038,866	713,538	252,034	73,296
D. C.	6,063	5,133	689	241
FLA.	5,253,538	1,805,408	3,007,638	440,492
GA.	26,953,413	12,298,017	13,002,741	1,652,655
IDA.	5,283,604	2,778,740	584,556	1,920,308
ILL.	32,252,937	28,048,323	3,147,879	1,326,735
IND.	21,299,823	16,951,252	3,370,791	997,780
IA.	33,900,683	29,491,199	2,344,115	1,252,374
KAN.	43,384,799	29,004,067	1,205,910	12,774,832
KY.	22,189,327	14,354,471	6,851,626	883,030
LA.	10,439,481	5,276,016	4,316,561	846,904
ME.	6,096,859	2,360,657	2,775,621	1,160,581
MD.	5,057,140	3,354,767	1,467,333	235,040
MAS.	2,875,941	1,161,501	1,064,583	646,887
MCH.	18,940,614	12,832,078	2,927,554	3,180,982
MIN.	27,575,823	19,643,533	3,922,391	4,009,899
MIS.	18,557,533	9,008,310	7,883,558	1,665,665
MO.	34,691,248	24,581,186	8,918,972	1,091,090
MON.	13,545,603	6,310,399	595,870	9,309,424
NEB.	38,622,021	24,382,577	803,206	13,436,238
NEV.	2,714,757	752,117	49,209	1,914,431
N. H.	2,249,458	929,185	1,502,389	817,884
N. J.	2,757,857	1,803,336	538,131	232,390
N. M.	11,270,021	1,467,191	1,491,025	8,311,805
N. Y.	22,030,367	14,844,039	4,436,145	2,750,183
N. C.	22,439,129	8,813,056	12,451,739	1,174,334
N. D.	28,426,650	20,455,092	421,877	7,549,681
O.	24,105,708	19,227,959	3,285,376	1,592,363
OKL.	38,859,353	17,551,337	3,568,910	9,739,106
ORE.	11,685,110	4,274,803	2,237,826	5,172,481
PA.	18,586,832	12,673,519	4,289,439	1,631,874
R. I.	443,008	178,344	185,009	79,655
S. C.	13,512,028	6,097,909	6,339,142	1,074,887
S. D.	26,910,892	15,287,208	383,144	9,806,540
TEN.	20,441,657	10,890,484	8,007,733	1,143,440
TX.	112,435,067	27,360,566	27,658,413	57,415,988
UTAH.	397,699	1,368,211	145,510	1,883,973
VT.	4,663,577	1,633,965	1,566,698	1,462,914
V.A.	19,495,636	9,870,058	8,414,680	1,210,898
WASH.	712,235	6,373,311	1,541,551	3,797,373
W. VA.	10,246,442	5,521,757	3,968,836	535,849
WIS.	21,060,066	11,907,606	5,377,580	3,774,880
WYO.	8,543,010	1,256,160	252,152	7,034,693

878,798,323	478,451,750	209,481,022
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MERCHANTABLE CORN CROP.

The total corn crop and the portion estimated to be of merchantable quality, by years, is given below:

1902	2,523,648,000	76.2	1,923,292,000
1903	2,244,177,000	76.0	1,706,006,000
1904	2,467,481,000	84.8	2,091,195,000
1905	2,707,994,000	88.4	2,394,462,000
1906	2,927,416,000	89.1	2,609,060,000
1907	2,592,320,000	77.7	2,013,208,000
1908	2,668,651,000	88.2	2,335,370,000
1909	2,552,190,000	82.5	2,104,775,000
1910	2,886,260,000	86.4	2,492,763,000
1911	2,531,488,000	80.1	2,027,922,000
1912	3,124,746,000	85.0	2,654,907,000
1913	2,446,988,000	80.1	1,961,058,000
1915	2,994,793,000	71.1	2,127,965,000
1916	2,566,927,000	83.9	2,154,487,000
1917	3,065,233,000	60.0	1,837,728,000
1918	2,582,814,000	82.5	2,129,764,000

In 1829 the first locomotive engine tried on the American continent to run on rails imported by the Delaware and Hudson Canal Company. It weighed seven tons and was considered too heavy. The engine was known as the Stourbridge Lion.



GROUP OF DRAFT STALLIONS, ALL CHAMPIONS AND PRIZE WINNERS AND EXHIBITED BY TRUMANS' PIONEER STUD FARM OF BUSHNELL, ILL., AT THE PRINCIPAL FAIRS AND EXPOSITIONS. IN THE WHOLE RANGE OF IMPORTERS OF PURE-BRED DRAFT STALLIONS AND MARES THE HOUSE OF TRUMAN IS A LEADER, OVERCOMING MANY DIFFICULTIES GROWING OUT OF THE WAR SITUATION.

FARM PUBLICATIONS.

Statement of Circulations, Advertising Rates and General Information—
Monthly Editions Only—Others to Follow.

To place in the hands of the patrons of AGRICULTURAL STATISTICS information in regard to farm publications we have commenced with monthly editions only. The semi (twice-a-month) monthly publications will come next and the weekly editions will follow. In the general farm monthlies of national prominence we have given the circulation by states alphabetically, with a total at the bottom. There is another arrangement by geographical divisions, with the total in each division. We have also consolidated the circulations of eleven first-class publications. A map accompanies, showing the geographical divisions.



GEOGRAPHICAL ARRANGEMENT.

Monthly Farm Papers.

This short list and the pages following include practically all the monthly farm publications of national or special importance. It may be that some are omitted, and, if so, a revised edition will soon be issued. Errors will creep in the first time that can be avoided in later editions.

**AGRICULTURAL DIGEST,
New York.**

Published monthly. \$1.50 per year. Circulation, 27,000. Advertising, 29 cents per agate line. Forms close 1st of month.

**AMERICAN BEE JOURNAL,
Hamilton, Ill.**

Published monthly. Sub., \$1.00 a year. Circulation, 8,928 net paid; total circulation, 12,000. Advertising rate, 15 cents per line. Forms close 20th of month.

**AMERICAN SHEEP BREEDER,
Chicago, Ill.**

Published monthly. Sub., \$1.25 per year. Circulation, 15,000. National with sheep raisers exclusively. Advertising, 25 cents a line; live stock special rate. Closing date, 22d of previous month. Issued on the 1st of month.

**AMERICAN SWINEHERD,
Chicago, Ill.**

Published monthly. Sub., 50 cents per year. Circulation, 35,150. Advertising, 30 cents per line. Forms close 28th of previous month.

**BETTER FRUIT,
Portland, Oregon.**

Published monthly. Sub., \$1.00 a year. Circulation, 11,918. Advertising, 20 cents a line. Closing date, 15th of month previous.

**PENNSYLVANIA GRANGE NEWS,
Chambersburg, Pa.**

Published monthly. Sub., 50 cents per year. Circulation, 37,400. Advertising, 20 cents per line. Closing date, 20th of month previous.

**RICE JOURNAL AND SOUTHERN
FARMER,
Crowley, La.**

Published monthly. Sub., 50 cents a year. Circulation, 5,600. Advertising, 12½ cents a line. Closing date, 20th of month previous.

**FRUITMAN AND GARDENER,
Mt. Morris, Ill.**

Published monthly. Sub., \$1.50 per year. Circulation, 38,000. Advertising, 20 cents per line. Closing date, 15th of month previous.

**SOUTHERN PLANTER,
Richmond, Va.**

Published monthly. Sub., 25 cents a year. Circulation, 71,724. Advertising, 35 cents per line. Closing date, 18th of month previous.

**SWINE WORLD,
Chicago, Ill.**

Published monthly. Sub., 50 cents a year. Circulation, 36,701. Advertising, 30 cents a line. Closing date, 25th of the month.

**CAMPBELL'S SCIENTIFIC FARMER
Billings, Mont.**

Published monthly. Sub., \$1.00 a year. Circulation, 18,000. Advertising rate, 20 cents per line. Closing date, 25th of month previous.

**CHESTER WHITE JOURNAL,
Rochester, Ind.**

Published monthly. Sub., \$1.00 a year. Circulation, 6,500. Advertising rate, 15 cents per line. Closing date, 20th of month previous.

**CORN BELT FARMER,
Des Moines, Iowa.**

Published monthly. Sub., 50 cents. Circulation, 135,000, including Iowa 65,000 and Nebraska 33,000. Advertising, 75 cents per line. Classified, 10 cents word. Full page, \$570; colors extra. Minimum space, 7 lines. Width of column, 2¼ in.; length, 13.9 in. Page of columns, 760 lines. Forms close 5th of month previous.

**FARM HOME,
Springfield, Ill.**

Published monthly. Sub., 50 cents a year. Circulation, 89,393. Advertising, 30 cents per line. Closing date, 25th of month previous.

**FIELD, ILLUSTRATED,
New York.**

Published monthly. Sub., \$3.00 a year. Circulation, 14,817. Advertising rate, 36 cents per line. Closing date, 10th of month previous.

**FRUIT BELT,
Grand Rapids, Mich.**

Published monthly. Sub., 50 cents per year. Advertising, 25 cents per line. Closing date, 25th of month previous.

**RURAL LIFE,
Rochester, N. Y.**

Published monthly. Sub., 50 cents a year. Circulation, 60,000. Advertising, 25 cents per line, net. Closing date, 20th of month previous.

**GARDEN MAGAZINE,
Garden City, L. I.**

Published monthly. Sub., \$2.00

a year. Circulation, 25,000. Advertising, 50 cents per line. Forms close 12th of month previous.

GLEANINGS IN BEE CULTURE,
Medina, Ohio.

Published monthly. Sub., \$1.00 a year. Circulation, 18,000. Advertising, 15 cents per line. Closing date, 15th of month previous.

GULF STATES FARMER,
New Orleans, La.

Published monthly. Sub., 50 cents. Circulation, 27,532. Advertising, 12 cents per line. Closing date, 28th of month previous.

INTERSTATE FARMER,
Muskogee, Okla.

Published monthly. Sub., 50 cents a year. Circulation, 49,783. Advertising, 20 cents per line. Closing date, 25th of month previous.

NATIONAL ALFALFA JOURNAL,
Chicago, Ill.

Published monthly. Sub., 50 cents per year. Circulation, 100,000 copies. Advertising, 50 cents per line. Closing date, 10th of month previous.

NATIONAL GRANGE MONTHLY,
Springfield, Mass.

Published monthly. Sub., 25 cents a year. Circulation, 25,000. Advertising rate, 15 cents per line. Closing date, 5th of month previous.

NORTH DAKOTA FARMER,
Lisbon, N. D.

Published monthly. Sub., 50 cents a year. Circulation, 9,066. Advertising, 6 cents per line. Closing date, 5th of month previous.

NORTHWEST HORTICULTURIST,
Tacoma, Wash.

Published monthly. Sub., 50 cents a year. Circulation, 12,800. Advertising, 9 cents per line. Closing date, 5th of month previous.

ORCHARD AND FARM,
Los Angeles, Calif.

Published monthly. Sub., 50 cents a year. Circulation, 44,791. Advertising, 28 cents per line. Closing date, 21st of month previous.

OTTWELL'S FARMER'S BOY,
Carlinville, Ill.

Published monthly. Sub., 50 cents per year. Circulation, 35,000. Advertising, 10 cents per line. Closing date, 12th of month previous.

OZARK COUNTRYMAN,
Springfield, Mo.

Published monthly. Sub., 50 cents per year. Circulation, 20,000. Ad-

vertising, 10 cents per line. Closing date, 5th of month previous.

SOUTHERN FRUIT GROWER,
Chattanooga, Tenn.

Published monthly. Sub., 50 cents a year. Circulation, 20,000. Advertising, 15 cents per line. Forms close 20th of month previous.

WESTERN EMPIRE,
Los Angeles, Calif.

Published monthly. Sub., 50 cents a year. Circulation, 36,685. Advertising, 15 cents a line. Closing date, 20th of month previous.

WYOMING STOCKMAN - FARMER,
Cheyenne, Wyo.

Published monthly. Sub., 50 cents a year. Circulation, 32,000. Advertising, 15 cents a line. Closing date, 5th of month previous.

(Continued on Next Page.)

A Word For the Monthly.

The monthly farm paper is an important factor in advertising to reach farmers. Many of the most successful advertising campaigns were conducted with very much less circulation than are furnished by the monthly farm publications of the present day. Another word on another subject: Reaching a selection of rich farmers, one here and the other ten miles away, is good for special interests, but to reach all classes and conditions of farmers is another proposition. Eleven publications issued monthly circulating on five and a half million farms can be used twelve times a year without breaking any banks and without being obliged to appropriate hundreds of thousands of dollars to do the work. For economical, effective advertising the monthly publications have many favorable records.

Agricultural Statistics.

In regard to Agricultural Statistics we wish to say that to those who are interested it furnishes valuable information in condensed and acceptable form. What it is now and what it may be for the next few months is very little compared with the figures which will be developed next year when the census has been taken. We will then be able to compare the progress of the United States by periods and be able to go deep into all statistical subjects, so that every farmer and every business man will be kept posted. In other words, they will be able to get a hundred dollars' worth of information for a dollar.

We are buying fifty cents' worth of paper and paying a dollar for it.

AMERICAN FARMING, Chicago, Ill.

Issued monthly. Sub., 25 cents. Advertising, \$1.25 per agate line. Inside page, \$825; outside cover, \$875.00. Cash discount, 2 per cent. Classified, none. Reading notices, 50 per cent. extra. Column width, 2¼ in.; length of column, 12½ in.; 700 agate lines to page. Closing date, 20th of preceding month. See Rate Card. Publication, 1st of month.

Alphabetical. Sectional.

State.		State.	
ALA.....	1,332	CONN....	1,416
ARIZ.....	102	MAINE... 642	
ARK.....	6,772	MASS.... 1,561	
CALIF....	725	N. H.... 1,139	
COLO....	1,289	R. I..... 340	
CONN....	1,416	VT..... 1,063	
DEL.....	126	N. ENG.. 6,161	
D. C.....	45	DEL..... 126	
FLA.....	3,448	D. C..... 45	
GA.....	2,401	MD..... 786	
IDAHO... 688		N. J..... 1,414	
ILL..... 13,161		N. Y..... 9,812	
IND..... 8,030		PENN.... 12,536	
IOWA.... 7,243		N. ATL.. 24,719	
KAS..... 4,860		FLA..... 3,448	
KY..... 2,752		GA..... 2,401	
LA..... 2,094		N. C..... 4,439	
MAINE... 642		S. C..... 1,198	
MD..... 786		VA..... 2,387	
MASS.... 1,561		W. VA... 3,704	
MICH.... 9,313		S. ATL... 17,577	
MINN.... 8,577		MICH.... 9,313	
MISS.... 787		MINN.... 8,577	
MO..... 4,218		N. D..... 5,128	
MONT.... 1,396		S. D..... 4,136	
NEB..... 14,065		WIS.... 4,949	
NEV..... 256		N. CENT. 32,103	
N. H.... 1,139		ILL..... 13,164	
N. J.... 1,414		IND..... 8,030	
N. M.... 224		IOWA.... 7,243	
N. Y.... 9,812		KAS..... 4,860	
N. C.... 4,439		KY..... 2,752	
N. D.... 5,128		MO..... 4,218	
OHIO.... 20,852		NEB.... 14,065	
OKLA.... 7,956		OHIO.... 20,852	
OREGON. 526		TENN.... 2,053	
PENN.... 12,536		MID..... 77,237	
R. I.... 340		ALA..... 1,332	
S. C.... 1,198		ARK.... 6,772	
S. D.... 4,136		LA..... 2,094	
TENN.... 2,053		MISS.... 787	
TEXAS... 16,306		OKLA.... 7,956	
UTAH... 664		TEXAS... 16,306	
VT..... 1,063		S. CENT. 35,247	
VA..... 2,387		IDAHO... 688	
WASH... 1,179		MONT... 1,396	
W. VA... 3,704		OREGON. 526	
WIS.... 4,949		WASH... 1,179	
WYO... 498		WYO.... 498	
ALASKA.....		N. W.... 4,287	
CANADA. 30		ARIZ.... 102	
MISC.... 3		CALIF... 725	
PAID.... 200,624		COLO.... 1,289	
FREE... 6,184		NEV.... 256	
.....		N. M.... 224	
.....		UTAH... 664	
TOTAL... 206,808		S. W.... 3,260	

AMERICAN FRUIT GROWER, Chicago, Ill.

Issued monthly. Sub., 50 cents a year. Advertising, \$1.25 per agate line. Inside page, \$875.00; back cover, two colors, \$1,000. Classified in agate, 15 cents word. Column width, 2¼ in.; column length, 12½ in.; lines to page, 700. Four columns to page. Closing dates—Close 20th; covers, 10th month preceding. Publication date, 1st of month.

Alphabetical. Sectional.

State.		State.	
ALA..... 558		CONN.... 2,428	
ARIZ.... 370		MAINE... 2,323	
ARK..... 4,223		MASS.... 5,792	
CALIF... 2,730		N. H.... 1,677	
COLO.... 3,034		R. I..... 651	
CONN.... 2,428		VT..... 1,529	
DEL..... 297		N. ENG.. 14,405	
D. C.... 291		DEL..... 297	
FLA.... 549		D. C.... 291	
GA..... 1,085		MD..... 1,549	
IDAHO... 1,389		N. J.... 3,831	
ILL..... 13,610		N. Y.... 15,486	
IND.... 10,378		PENN.... 11,440	
IOWA.... 6,149		N. ATL... 32,894	
KAS.... 8,940		FLA.... 549	
KY..... 3,575		GA..... 1,085	
LA..... 461		N. C.... 1,490	
MAINE... 2,328		S. C.... 355	
MD..... 1,549		VA..... 3,659	
MASS.... 5,792		W. VA... 2,567	
MICH.... 11,092		S. ATL... 9,705	
MINN.... 4,891		MICH.... 11,092	
MISS.... 750		MINN.... 4,891	
MO..... 5,958		N. D.... 876	
MONT... 1,415		S. D.... 866	
NEB.... 3,616		WIS.... 3,411	
NEV.... 213		N. CENT. 21,136	
N. H.... 1,677		ILL.... 13,610	
N. J.... 3,831		IND.... 10,378	
N. M.... 819		IOWA.... 6,149	
N. Y.... 15,486		KAS.... 8,940	
N. C.... 1,490		KY..... 3,575	
N. D.... 876		MO..... 5,958	
OHIO.... 12,011		NEB.... 3,616	
OKLA.... 4,710		OHIO.... 12,011	
OREGON. 2,229		TENN.... 2,518	
PENN.... 11,440		MID.... 66,755	
R. I.... 651		ALA.... 558	
S. C.... 355		ARK.... 4,223	
S. D.... 866		LA.... 461	
TENN.... 2,518		MISS.... 750	
TEXAS... 2,980		OKLA.... 4,710	
UTAH... 591		TEXAS... 2,980	
VT..... 1,529		S. CENT. 13,682	
VA.... 3,659		IDAHO... 1,389	
WASH... 3,281		MONT... 1,415	
W. VA... 2,567		OREGON. 2,229	
WIS.... 3,411		WASH... 3,281	
WYO.... 444		WYO.... 444	
ALASKA.....		N. W.... 8,758	
CANADA.....		ARIZ.... 370	
MISC.... 87		CALIF... 2,730	
PAID.... 175,179		COLO.... 3,034	
FREE.... 4,125		NEV.... 213	
.....		N. M.... 819	
.....		UTAH... 591	
TOTAL... 179,304		S. W.... 7,757	

BETTER FARMING,
Chicago, Ill.

Issued monthly. Sub., 25 cents a year. Advertising, \$1.50 per agate line. Inside page, \$1,000; cover page, \$1,050; colors, 10 per cent. extra. Classified, 20 cents a word. Cash discount, 2 per cent. Column width, 2¼ in.; length, 12¾ in.; 728 agate lines to page. Forms close 20th of preceding month. Issued 1st of month.

Alphabetical. Sectional.

State.		State.	
ALA....	7,411	CONN....	596
ARIZ....	203	MAINE...	779
ARK....	9,109	MASS....	1,179
CALIF....	1,682	N. H....	245
COLO....	2,092	R. I....	233
CONN....	596	VT....	653
DEL....	394	N. ENG....	3,685
D. C....	76	DEL....	394
FLA....	1,692	D. C....	76
GA....	11,292	MD....	1,498
IDAHO...	1,173	N. J....	2,242
ILL....	22,856	N. Y....	12,465
IND....	16,147	PENN....	18,815
IOWA....	11,140	N. ATL...	35,490
KAS....	9,287	FLA....	1,692
KY....	3,793	GA....	11,292
LA....	1,868	N. C....	6,984
MAINE...	779	S. C....	4,584
MD....	1,498	VA....	4,003
MASS....	1,179	W. VA...	4,190
MICH....	14,482	S. ATL...	32,745
MINN....	12,419	MICH....	14,482
MISS....	3,606	MINN....	12,419
MO....	10,574	N. D....	4,536
MONT....	2,363	S. D....	5,764
NEB....	9,335	WIS....	7,938
NEV....	370	N. CENT..	45,139
N. H....	245	ILL....	22,856
N. J....	2,242	IND....	16,147
N. M....	580	IOWA....	11,140
N. Y....	12,465	KAS....	9,287
N. C....	6,984	KY....	3,793
N. D....	4,536	MO....	10,574
OHIO....	16,734	NEB....	9,335
OKLA....	12,847	OHIO....	16,734
OREGON..	1,652	TENN....	4,932
PENN....	18,815	MID....	104,798
R. I....	233	ALA....	7,411
S. C....	4,584	ARK....	9,109
S. D....	5,764	IA....	1,868
TENN....	4,932	MISS....	3,606
TEXAS...	29,475	OKLA....	12,847
UTAH....	1,585	TEXAS...	29,475
VT....	653	S. CENT..	64,316
VA....	4,003	IDAHO...	1,173
WASH....	2,989	MONT....	2,363
W. VA...	4,190	OREGON..	1,652
WIS....	7,938	WASH....	2,989
WYO....	402	WYO....	402
ALASKA.....		N. W....	8,579
CANADA.....		ARIZ....	203
MISC....	307	CALIF....	1,682
TOTAL...301,571		COLO....	2,092
FREE.....		NEV....	370
FOREIGN.....		N. M....	580
		UTAH....	11,585
TOTAL...301,571		S. W....	16,512

CAPPER'S FARMER,
Topeka, Kansas.

Issued monthly. Sub., 25 cents a year. Advertising, \$1.50 per agate line. Inside page, \$1,110.00; back cover page, \$1,225.00. Standard Rate Card. Reading notices, \$3.00 a line. Classified, 15 cents a word. Width of column (13 ems), 2 1-6 in.; length of column, 185 lines; size of page, 740 lines. Forms close second Thursday of preceding month. Issued 1st of month.

Alphabetical. Sectional.

State.		State.	
ALA....	1,080	CONN....	256
ARIZ....	1,068	MAINE...	322
ARK....	16,388	MASS....	401
CALIF....	3,452	N. H....	108
COLO....	15,480	R. I....	55
CONN....	256	VT....	236
DEL....	62	N. ENG....	1,378
D. C....	24	DEL....	62
FLA....	492	D. C....	24
GA....	1,181	MD....	272
IDAHO...	2,348	N. J....	319
ILL....	27,803	N. Y....	3,117
IND....	14,718	PENN....	4,846
IOWA....	18,223	N. ATL...	8,640
KAS....	24,931	FLA....	492
KY....	3,064	GA....	1,181
LA....	2,360	N. C....	3,326
MAINE...	322	S. C....	964
MD....	272	VA....	1,666
MASS....	401	W. VA...	2,236
MICH....	13,353	S. ATL...	9,865
MINN....	10,494	MICH....	13,353
MISS....	1,082	MINN....	10,494
MO....	20,076	N. D....	4,804
MONT....	3,276	S. D....	5,531
NEB....	16,357	WIS....	12,980
NEV....	398	N. CENT..	47,162
N. H....	108	ILL....	27,803
N. J....	319	IND....	14,718
N. M....	3,599	IOWA....	18,223
N. Y....	3,117	KAS....	24,931
N. C....	3,326	KY....	3,064
N. D....	4,804	MO....	20,076
OHIO....	12,833	NEB....	16,357
OKLA....	26,636	OHIO....	12,833
OREGON..	2,827	TENN....	3,252
PENN....	4,846	MID....	141,257
R. I....	55	ALA....	1,080
S. C....	964	ARK....	16,338
S. D....	5,531	LA....	2,360
TENN....	3,252	MISS....	1,082
TEXAS...	56,541	OKLA....	26,636
UTAH....	705	TEXAS...	56,541
VT....	236	S. CENT..	104,087
VA....	1,666	IDAHO...	2,348
WASH....	3,018	MONT....	3,276
W. VA...	2,236	OREGON..	2,827
WIS....	12,980	WASH....	3,018
WYO....	1,615	WYO....	1,615
ALASKA.....	47	N. W....	13,084
CANADA.....	54	ARIZ....	1,068
MISC....	1	CALIF....	3,452
NEW SUB..22,106		COLO....	15,480
		NEV....	398
		N. M....	3,599
		UTAH....	705
TOTAL...372,216		S. W....	24,702

THE FARM JOURNAL, Philadelphia, Pa.

Issued monthly. Sub., 25 cents a year. Advertising, \$5.00 per agate line. Inside page, \$2,250.00; colors extra. Standard rate card. No time or space discounts. Min. size of advt., 2 lines; classifications, none. Reading notices not accepted. Column width, 2½ in.; length, 10¼ in.; 150 lines agate; 3 columns to page. Closing dates, see Rate Card. Issued 1st of month.

Alphabetical.	Sectional.
ALA... 6,430	CONN... 15,362
ARIZ... 1,112	MAINE... 9,957
ARK... 6,293	MASS... 26,193
CALIF... 14,701	N. H... 5,932
COLO... 9,976	R. I... 3,463
CONN... 15,362	VT... 5,937
DEL... 5,273	N. ENG... 66,844
D. C... 1,506	DEL... 5,273
FLA... 3,506	D. C... 1,506
GA... 6,370	MD... 15,324
IDAHO... 4,380	N. J... 29,990
ILL... 51,582	N. Y... 72,791
IND... 39,325	PENN... 113,724
IOWA... 56,332	N. ATL... 238,608
KAS... 29,672	FLA... 3,506
KY... 11,186	GA... 6,370
LA... 3,525	N. C... 10,461
MAINE... 9,957	S. C... 3,712
MD... 15,324	VA... 17,654
MASS... 26,193	W. VA... 13,065
MICH... 72,907	S. ATL... 54,768
MINN... 30,004	MICH... 72,907
MISS... 3,518	MINN... 30,004
MO... 30,305	N. D... 11,617
MONT... 6,929	S. D... 13,810
NEB... 47,356	WIS... 34,912
NEV... 764	N. CENT... 163,250
N. H... 5,932	ILL... 51,582
N. J... 29,990	IND... 39,325
N. M... 1,768	IOWA... 56,332
N. Y... 72,791	KAS... 29,672
N. C... 10,461	KY... 11,186
N. D... 11,617	MO... 30,305
OHIO... 88,242	NEB... 47,356
OKLA... 13,603	OHIO... 88,242
OREGON... 8,229	TENN... 9,003
PENN... 113,724	MID... 363,003
R. I... 3,463	ALA... 6,430
S. C... 3,712	ARK... 6,293
S. D... 13,810	LA... 3,525
TENN... 9,003	MISS... 3,518
TEXAS... 18,606	OKLA... 13,603
UTAH... 2,686	TEXAS... 18,606
VT... 5,937	S. CENT... 51,975
VA... 17,654	IDAHO... 4,380
WASH... 12,139	MONT... 6,929
W. VA... 13,065	OREGON... 8,229
WIS... 34,912	WASH... 12,139
WYO... 2,523	WYO... 2,523
ALASKA... 1,172	N. W... 34,200
CANADA... 5,309	ARIZ... 1,112
MISC... 76	CALIF... 14,701
FOREIGN... 803	COLO... 9,976
TOTAL 1,011,803	NEV... 764
.....	N. M... 1,768
.....	UTAH... 2,686
TOTAL 1,011,803	S. W... 31,007

FARM AND FIRESIDE, Springfield, Ohio.

Issued monthly. Sub., 25 cents a year. Advertising, \$3.00 per agate line. Full page, \$2,160; colors and outside pages, see Rate Card. Cash discount, 2 per cent. Minimum advt., 3 lines. Column width, 2¼ in. Pages, four columns. Closing date, 5th of month previous. Cover pages close 25th of second month previous. Issued 5th of each month.

Alphabetical.	Sectional.
State.	State.
ALA... 7,379	CONN... 6,252
ARIZ... 939	MAINE... 2,897
ARK... 5,847	MASS... 19,350
CALIF... 8,814	N. H... 3,736
COLO... 4,689	R. I... 2,630
CONN... 6,252	VT... 3,456
DEL... 768	N. ENG... 38,321
D. C... 903	DEL... 768
FLA... 1,791	D. C... 903
GA... 9,315	MD... 7,792
IDAHO... 1,759	N. J... 8,524
ILL... 40,809	N. Y... 49,977
IND... 27,227	PENN... 76,035
IOWA... 16,683	N. ATL... 143,999
KAS... 12,287	FLA... 1,791
KY... 21,906	GA... 9,315
LA... 3,208	N. C... 12,135
MAINE... 2,897	S. C... 6,044
MD... 7,792	VA... 10,119
MASS... 19,350	W. VA... 17,076
MICH... 31,744	S. ATL... 56,481
MINN... 12,334	MICH... 31,744
MISS... 2,909	MINN... 12,334
MO... 21,923	N. D... 4,546
MONT... 3,341	S. D... 2,455
NEB... 8,457	WIS... 10,116
NEV... 229	N. CENT... 61,195
N. H... 3,736	ILL... 40,809
N. J... 8,524	IND... 27,227
N. M... 1,712	IOWA... 16,683
N. Y... 49,977	KAS... 12,287
N. C... 12,135	KY... 21,906
N. D... 4,546	MO... 21,923
OHIO... 72,377	NEB... 8,457
OKLA... 5,656	OHIO... 72,377
OREGON... 3,473	TENN... 9,487
PENN... 76,035	MID... 231,156
R. I... 2,630	ALA... 7,379
S. C... 6,044	ARK... 5,847
S. D... 2,455	LA... 3,208
TENN... 9,487	MISS... 2,909
TEXAS... 14,930	OKLA... 5,656
UTAH... 2,160	TEXAS... 14,930
VT... 3,456	S. CENT... 39,929
VA... 10,119	IDAHO... 1,759
WASH... 3,946	MONT... 3,341
W. VA... 17,076	OREGON... 3,473
WIS... 10,116	WASH... 3,946
WYO... 1,236	WYO... 1,236
ALASKA... ..	N. W... 13,755
CANADA... 474	ARIZ... 939
MISC... 18,024	CALIF... 8,814
PAID... 643,450	COLO... 4,689
FREE... 4,482	NEV... 229
FOREIGN... 126	N. M... 1,712
.....	UTAH... 2,160
TOTAL... 648,109	S. W... 18,543

**FARM AND HOME,
Springfield, Mass.**

Published in two sections—Eastern and Western. Subscription price, 25 cents a year. Advertising in complete edition, \$3.00 per line. Full page, \$2,316. Minimum advt., 3 lines. Classified, 20 cents a word. Reading notices not accepted. Column width (13 ems), 2 1-6 in. Four columns to page. Column depth, 193 agate lines. Closing dates, 10th month previous. Issued 1st of month.

Alphabetical.	Sectional.
ALA..... 2,050	CONN.... 7,872
ARIZ..... 934	MAINE.... 9,412
ARK..... 4,832	MASS.... 10,577
CALIF.... 6,871	N. H..... 7,494
COLO.... 6,613	R. I..... 1,337
CONN.... 7,872	VT..... 9,131
DEL..... 1,791	N. ENG... 45,823
D. C..... 293	DEL..... 1,791
FLA..... 2,368	D. C..... 293
GA..... 3,697	MD..... 4,105
IDAHO... 3,008	N. J..... 15,453
ILL..... 35,438	N. Y..... 72,691
IND..... 20,759	PENN.... 43,803
IOWA.... 31,261	N. ATL... 138,136
KAS..... 10,692	FLA..... 2,368
KY..... 6,507	GA..... 3,697
LA..... 1,150	N. C..... 5,268
MAINE... 9,412	S. C..... 2,109
MD..... 4,105	VA..... 8,882
MASS.... 10,577	W. VA... 7,419
MICH.... 26,480	S. ATL... 29,743
MINN.... 12,629	MICH.... 26,480
MISS.... 1,911	MINN.... 12,629
MO..... 16,440	N. D..... 4,590
MONT.... 4,295	S. D..... 5,188
NEB..... 18,758	WIS.... 17,469
NEV..... 340	N. CENT. 66,356
N. H..... 7,494	ILL..... 35,438
N. J..... 15,453	IND..... 20,759
N. M..... 1,247	IOWA.... 31,261
N. Y..... 72,691	KAS..... 10,692
N. C..... 5,268	KY..... 6,507
N. D..... 4,590	MO..... 16,440
OHIO.... 58,637	NEB..... 18,758
OKLA.... 6,442	OHIO.... 58,637
OREGON. 4,441	TENN.... 5,966
PENN.... 43,803	MID..... 204,458
R. I..... 1,337	ALA..... 2,050
S. C..... 2,109	ARK..... 4,832
S. D..... 5,188	LA..... 1,150
TENN.... 5,966	MISS.... 1,911
TEXAS... 6,261	OKLA.... 6,442
UTAH.... 1,937	TEXAS... 6,216
VT..... 9,131	S. CENT. 22,646
VA..... 8,882	IDAHO... 3,008
WASH.... 7,069	MONT.... 4,295
W. VA... 7,419	OREGON. 4,441
WIS.... 17,469	WASH.... 7,069
WYO.... 1,516	WYO.... 1,516
ALASKA.....	N. W.... 20,329
CANADA.....	ARIZ..... 934
MISC.....	CALIF.... 6,871
	COLO.... 6,613
	NEV..... 340
	N. M..... 1,247
	UTAH.... 1,937
TOTAL... 600,000	S. W.... 17,942

**FARM LIFE,
Spencer, Ind.**

Issued monthly. Sub., 25 cents a year. Advertising, \$2.50 per agate line, flat. Inside page, \$1,125; back cover, \$1,250.00. Reading notices, \$3.00 per counted line. Classified, \$2.00 per line. Colors, 10 per cent. extra. Width of column (13 ems). 2 1-6 in.; length of column, 10 1/4 in., 150 lines; page, 3 columns, 450 lines. Closing dates, 1st and 16th month previous. Issued 1st of month.

Alphabetical.	Sectional.
State.	State.
ALA.... 10,929	CONN.... 3,200
ARIZ.... 980	MAINE... 2,633
ARK.... 16,819	MASS.... 3,747
CALIF... 5,334	N. H..... 1,320
COLO.... 4,085	R. I..... 792
CONN.... 3,200	VT..... 1,670
DEL.... 2,073	N. ENG... 13,362
D. C.... 134	DEL.... 2,073
FLA.... 7,405	D. C.... 134
GA..... 24,947	MD..... 5,811
IDAHO... 2,454	N. J..... 4,939
ILL.... 27,680	N. Y.... 20,506
IND.... 15,748	PENN.... 40,999
IOWA.... 14,666	N. ATL... 74,462
KAS.... 10,786	FLA.... 7,405
KY.... 11,215	GA..... 24,947
LA.... 8,879	N. C.... 17,460
MAINE... 2,633	S. C.... 13,110
MD.... 5,811	VA.... 14,770
MASS... 3,747	W. VA... 11,407
MICH.... 14,105	S. ATL... 89,099
MINN... 16,308	MICH.... 14,105
MISS... 13,085	MINN... 16,308
MO.... 13,737	N. D.... 6,424
MONT... 2,800	S. D.... 5,826
NEB.... 8,111	WIS.... 13,136
NEV.... 413	N. CENT. 55,799
N. H.... 1,320	ILL.... 27,680
N. J.... 4,939	IND.... 15,748
N. M.... 1,216	IOWA.... 14,666
N. Y.... 20,506	KAS.... 10,786
N. C.... 17,460	KY.... 11,215
N. D.... 6,424	Mo.... 13,737
OHIO... 23,519	NEB.... 8,111
OKLA.... 15,277	OHIO... 23,519
OREGON. 2,423	TENN.... 12,126
PENN... 40,999	MID.... 137,588
R. I.... 792	ALA.... 10,929
S. C.... 13,110	ARK.... 16,819
S. D.... 5,826	LA.... 8,879
TENN... 12,126	MISS.... 13,085
TEXAS... 34,707	OKLA.... 15,277
UTAH... 1,600	TEXAS... 34,707
VT.... 1,670	S. CENT. 99,696
VA.... 14,770	IDAHO... 2,454
WASH... 4,583	MONT... 2,800
W. VA... 11,407	OREGON. 2,423
WIS.... 13,136	WASH... 4,583
WYO.... 1,062	WYO.... 1,062
ALASKA... 18	N. W.... 13,322
FOREIGN.... 6	N. M.... 1,246
MISC.....	CALIF... 5,334
PAID.....	COLO.... 4,085
FREE.....	NEV.... 413
	UTAH... 1,600
TOTAL... 497,152	S. W.... 13,658

FARMER'S WIFE, St. Paul, Minn.

Issued monthly. Sub., 35 cents a year. Advertising, \$3.50 per agate line. Full page, \$2,000; back cover, colors, \$3,300. Standard Rate Card, Classified, 25 cents a word. Reading notices not accepted. Cash discount, 2 per cent. Column width (13 ems), 2 1-6 in.; columns, 196 lines. Four columns to page. Closing date, 18th month preceding date of issue; color pages close, see Rate Card.

State.	State.
ALA..... 4,545	CONN... 4,333
ARIZ.... 1,037	MAINE.. 3,838
ARK..... 4,317	MASS.... 6,467
CALIF... 7,930	N. H.... 2,885
COLO.... 6,393	R. I.... 1,119
CONN.... 4,333	VT..... 3,056
DEL..... 825	N. ENG.. 21,698
D. C.... 344	DEL.... 825
FLA.... 2,016	D. C.... 344
GA..... 5,168	MD..... 5,222
IDAHO... 2,917	N. J.... 7,234
ILL..... 60,257	N. Y.... 26,834
IND..... 61,840	PENN.... 40,028
IOWA.... 85,801	N. ATL... 80,847
KAS.... 13,993	FLA.... 2,016
KY..... 7,135	GA..... 5,168
LA..... 2,617	N. C.... 7,768
MAINE... 3,838	S. C.... 3,285
MD..... 5,222	VA..... 9,017
MASS.... 6,467	W. VA... 8,367
MICH.... 57,616	S. ATL... 35,621
MINN.... 45,949	MICH.... 59,616
MISS.... 3,177	MINN.... 45,949
MO..... 15,077	N. D.... 13,869
MONT.... 8,867	S. D.... 17,336
NEB.... 17,052	WIS.... 54,301
NEV.... 676	N. CENT.. 191,071
N. H.... 2,885	ILL..... 60,257
N. J.... 7,234	IND..... 61,840
N. M.... 1,379	IOWA.... 85,801
N. Y.... 26,834	KAS.... 13,993
N. C.... 7,768	KY..... 7,135
N. D.... 13,869	MO..... 15,077
OHIO.... 70,378	NEB.... 17,052
OKLA.... 7,176	OHIO.... 70,378
OREGON. 3,988	TENN.... 6,497
PENN.... 40,028	MID.... 338,030
R. I.... 1,119	ALA.... 4,545
S. C.... 3,285	ARK.... 4,317
S. D.... 17,336	LA.... 2,617
TENN.... 6,497	MISS.... 3,177
TEXAS... 12,318	OKLA.... 7,176
UTAH.... 1,499	TEXAS... 12,318
VT..... 3,056	S. CENT.. 34,150
VA..... 9,017	IDAHO... 2,917
WASH.... 6,737	MONT.... 8,867
W. VA... 8,367	OREGON. 3,988
WIS.... 54,301	WASH... 6,737
WYO.... 2,114	WYO.... 2,114
ALASKA.	N. W.... 24,623
CANADA. 275	ARIZ.... 1,037
MISC.... 55	CALIF... 7,930
PAID.... 743,924	COLO... 6,393
FREE.... 31,076	NEV.... 676
.....	N. M.... 1,379
.....	UTAH.... 1,499
TOTAL... 775,000	S. W.... 18,914

NATIONAL FARMER AND STOCK GROWER, St. Louis, Mo.

Issued monthly. Sub., 50 cents a year. Advertising, 60 cents per agate line. Inside pages, \$325; back cover, \$350. Special rate, 450 lines (3 column page size) in one issue, only advertisement on page, \$225.00. No colors. Minimum advertisement, 3 lines. Classified, 60 cents per line. Column width (13 ems), 2 1-6 in.; four columns, 750 lines, to page. Closing date, 20th of month previous.

State.	State.
ALA.... 1,285	CONN.....
ARIZ.....	MAINE.....
ARK.... 8,162	MASS.....
CALIF.....	N. H.....
COLO.....	R. I.....
CONN.....	VT.....
DEL.....	N. ENG.....
D. C.....	DEL.....
FLA.....	D. C.....
GA.... 312	MD.....
IDAHO.....	N. J.....
ILL.... 34,417	N. Y.....
IND.... 4,739	PENN.....
IOWA.... 5,037	N. ATL.....
KAS.... 5,832	FLA.... 32
KY.... 5,529	GA.... 312
LA.... 1,084	N. C.... 101
MAINE.....	S. C.... 184
MD.....	VA.... 116
MASS.....	W. VA... 119
MICH.....	S. ATL... 864
MINN.....	MICH.....
MISS.... 1,753	MINN.....
MO.... 58,107	N. D.....
MONT.....	S. D.....
NEB.... 1,026	WIS.....
NEV.....	N. CENT.....
N. H.....	ILL.... 34,417
N. J.....	IND.... 4,739
N. M.....	IOWA.... 5,037
N. Y.....	KAS.... 5,832
N. C.....	KY.... 5,529
N. D.....	MO.... 58,107
OHIO.... 2,375	NEB.... 1,026
OKLA.... 6,280	OHIO.... 2,375
OREGON.....	TENN.... 5,197
PENN.....	MID.... 122,259
R. I.....	ALA.... 1,285
S. C.....	ARK.... 8,162
S. D.....	LA.... 1,084
TENN.... 5,197	MISS.... 1,753
TEXAS... 3,196	OKLA.... 6,280
UTAH.....	TEXAS... 3,196
VT.....	S. CENT.. 21,760
VA.....	IDAHO.....
WASH.....	MONT.....
W. VA.....	OREGON.....
WIS.....	WASH.....
WYO.....	WYO.....
ALASKA.....	N. W.....
CANADA.....	ARIZ.....
MISC.... 117	CALIF.....
PAID.... 144,331	COLO.....
FREE.... 669	NEV.....
.....	N. M.....
.....	UTAH.....
TOTAL... 145,000	S. W.....

SUCCESSFUL FARMING,

Des Moines, Iowa.

Issued monthly. Sub., 25 cents a year. Advertising, \$4.50 per agate line. Inside pages, \$2.025; back cover, 3 colors, \$2,500. Minimum size of advt., 3 lines. Standard Rate Card. Classifications same rate. Reading notices not accepted. Cash discount, 2 per cent. Column width, 2 1-6 in.; columns, 150 lines; 450 lines to page. Closing date, 25th of second preceding month. Issued 1st of month.

Alphabetical.	Sectional.
ALA.... 3,702	CONN.... 4,640
ARIZ.... 1,163	MAINE.... 5,427
ARK.... 7,455	MASS.... 7,870
CALIF.... 8,359	N. H.... 3,374
COLO.... 12,215	R. I.... 1,336
CONN.... 4,640	VT.... 3,531
DEL.... 795	N. ENG.... 26,178
D. C.... 162	DEL.... 795
FLA.... 1,733	D. C.... 162
GA.... 3,093	MD.... 4,684
IDAHO.... 6,326	N. J.... 5,935
ILL.... 68,143	N. Y.... 36,164
IND.... 38,283	PENN.... 47,604
IOWA.... 74,574	N. ATL.... 95,344
KAS.... 38,539	FLA.... 1,733
KY.... 9,505	GA.... 3,093
LA.... 1,925	N. C.... 5,191
MAINE.... 5,427	S. C.... 2,008
MD.... 4,684	VA.... 9,558
MASS.... 7,870	W. VA.... 10,917
MICH.... 43,146	S. ATL.... 32,500
MINN.... 44,064	MICH.... 43,146
MISS.... 2,185	MINN.... 44,064
MO.... 45,123	N. D.... 15,330
MONT.... 12,693	S. D.... 21,146
NEB.... 34,271	WIS.... 38,684
NEV.... 658	N. CENT.... 162,370
N. H.... 3,374	ILL.... 68,143
N. J.... 5,935	IND.... 38,283
N. M.... 2,184	IOWA.... 74,574
N. Y.... 36,164	KAS.... 38,539
N. C.... 5,191	KY.... 9,505
N. D.... 15,330	MO.... 45,123
OHIO.... 67,886	NEB.... 34,271
OKLA.... 20,802	OHIO.... 67,886
OREGON.... 7,615	TENN.... 8,740
PENN.... 47,604	MID.... 385,064
R. I.... 1,336	ALA.... 3,702
S. C.... 2,008	ARK.... 7,455
S. D.... 21,146	LA.... 1,925
TENN.... 8,740	MISS.... 2,185
TEXAS.... 15,635	OKLA.... 20,802
UTAH.... 3,231	TEXAS.... 15,635
VT.... 3,531	S. CENT.... 51,704
VA.... 9,558	IDAHO.... 6,326
WASH.... 11,011	MONT.... 12,693
W. VA.... 10,917	OREGON.... 7,615
WIS.... 38,684	WASH.... 11,011
WYO.... 2,555	WYO.... 2,555
ALASKA.... 115	N. W.... 40,200
CANADA.... 509	ARIZ.... 1,163
MISC.... 85	CALIF.... 8,359
TOTAL...821,879	COLO.... 12,215
.....	NEV.... 658
.....	N. M.... 2,184
.....	UTAH.... 3,231
TOTAL...821,879	S.W.... 27,810

FARM PUBLICATIONS,

Showing Circulation and Rates of Eleven First-class Monthlies.

This statement is a reliable summary of the actual circulation of eleven monthly farm publications of the first class. The circulation is 5,489,031 copies on a total of 6,361,502 farms. The line rate is \$27.60, and an advertiser can reach this circulation with an inch card for one month for \$386.40.

ELEVEN PAPERS.

Alphabetical.	Sectional.
ALA... 46,701	CONN.. 46,355
ARIZ... 7,908	MAINE.. 38,235
ARK... 90,217	MASS.. 83,137
CALIF.. 60,598	N. H.... 27,910
COLO.. 65,866	R. I.... 11,956
CONN.. 46,355	VT.... 30,262
DEL... 12,404	N. ENG.. 237,855
D. C.... 3,778	DEL... 12,404
FLA... 25,000	D. C.... 3,778
GA.... 68,861	MD.... 47,043
IDAHO.. 26,442	N. J.... 80,881
ILL.... 395,759	N. Y.... 368,843
IND.... 257,194	PENN... 469,830
IOWA... 327,109	N. ATL.. 982,779
KAS.... 187,819	FLA.... 25,000
KY.... 86,167	GA.... 68,861
LA.... 29,172	N. C.... 74,522
MAINE.. 38,235	S. C.... 37,369
MD.... 47,043	VA.... 81,715
MASS... 83,137	W. VA... 81,368
MICH... 285,712	S. ATL... 368,853
MINN.... 197,669	MICH... 285,712
MISS... 51,560	MINN... 197,669
MO.... 281,538	N. D.... 71,738
MONT... 47,375	S. D.... 82,058
NEB... 178,404	WIS.... 197,896
NEV.... 4,317	N. CENT.. 835,073
N. H.... 27,910	ILL.... 395,759
N. J.... 80,881	IND.... 257,194
N. M.... 14,455	IOWA... 327,109
N. Y.... 368,843	KAS.... 187,819
N. C.... 74,522	KY.... 86,167
N. D.... 71,738	MO.... 281,538
OHIO... 445,844	NEB... 178,404
OKLA... 127,385	OHIO... 445,844
OREGON.. 34,403	TENN... 69,771
PENN... 469,830	MID.... 2,229,605
R. I.... 11,956	ALA.... 46,701
S. C.... 37,369	ARK... 90,217
S. D.... 82,058	LA.... 29,172
TENN... 69,771	MISS... 51,560
TEXAS... 210,910	OKLA... 127,385
UTAH... 16,658	TEXAS... 210,910
VT.... 30,262	S. CENT.. 555,945
VA.... 81,715	IDAHO.. 26,442
WASH... 55,952	MONT... 47,375
W. VA... 71,368	OREGON.. 34,403
WIS.... 197,890	WASH... 55,952
WYO... 13,965	WYO... 13,965
ALASKA.....	N. W.... 178,137
CANADA.....	ARIZ... 7,908
MIS.....	CALIF.. 60,598
PAID.....	COLO... 65,866
FREE.....	NEV... 4,317
.....	N. M.... 14,455
.....	UTAH... 16,658
TOTAL...5,489,031	S. W.... 169,802

LIVE STOCK DIRECTORY.

This is practically the beginning of the Live Stock Breeders' Directory of the United States, including active auctioneers, some of whom are also breeders. Most of the breeders whose names appear are paid subscribers to Agricultural Statistics. The few others are put in as information because of their standing as live stock improvers. There is no charge whatever for one or two lines, neither is any advertisement solicited. All we desire from any live stock breeder is that he shall be a member of his own breeders' associations. This Directory places our subscribers in direct communication one with another.

ALABAMA.

ASHBURN, W. A., Breeder of Pure-Bred Poland-China Swine, ARAB, ALA.
 AVANT, RALPH, Breeder of Pure-Bred Poland-China Swine, LUVERNE, ALA.
 BALENTINE, J. R., Breeder of Pure-Bred Shorthorn Cattle, CLOVERDALE, ALA.
 BARR, G. A., Breeder of Pure-Bred Poland-China Swine, HUNTSVILLE, ALA.
 CHILES, W. C., Breeder of Pure-Bred Berkshire Swine, EUTAW, ALA.
 CLAYTON, W. S., Breeder of Pure-Bred Poland-China Swine, COLLINSVILLE, ALA.
 COLLINS, GEO. M., Breeder of Pure-Bred Shorthorn Cattle, CARROLLTON, ALA.
 COOK—W. E., Speckled Velvet Seed Beans, EVERGREEN, ALA.
 CRABB, MORTON C., Breeder of Pure-Bred Shorthorn Cattle, GALLION, ALA.
 DAVIDSON, JAS. P., Breeder of Pure-Bred Shorthorn Cattle, UNIONTOWN, ALA.
 DUNN, JESSE, Breeder of Pure-Bred Poland-China Swine, CORONA, ALA.
 ECHO VALLEY FARM, Choice Duroc-Jersey Swine, SAFFORD, ALA.
 FAIRMONT FARM, T. C. Hudmon, Owner, Berkshire Swine, OPELIKA, ALA.
 FARRIOR, J. B., Pure-Bred Poland-China Hogs, FORT DEPOSIT, ALA.
 FENNEL, JOHN F., Breeder of Pure-Bred Shorthorn Cattle, LEIGHTON, ALA.
 FORD, CHAS., Fordland Stock Farm, Tamworth Swine, R. R. 2, GALLION, ALA.
 FRANKSDALE STOCK FARMS, Breeders of Pure-Bred Holsteins, TALLADEGA, ALA.
 GAMBILL, J. B., Breeder of Pure-Bred Shorthorn Cattle, SHEFFIELD, ALA.
 GANNAWAY, T. A., Breeder of Pure-Bred Poland-China Swine, OXFORD, ALA.
 HENDERSON, J. A., Breeder of Great O. I. C. Hogs, TROY, ALA.
 JOHNSON, NED, Breeder of Duroc-Jersey Swine, PRATTVILLE, ALA.
 JONES, F. L., Breeder of Pure-Bred Shorthorn Cattle, TROY, ALA.
 KENDALL STOCK FARMS, Pure-bred Holstein Cattle, BERLIN, ALA.
 KIRKVIEW FARM, Pure-bred Shorthorn Cattle, R. R. 4, ORRVILLE, ALA.
 LUSK, J. M., Breeder of Pure-Bred Shorthorn Cattle, JACKSONVILLE, ALA.
 MADDIX, W. N., Pure-Bred Holstein Cattle, EASONVILLE, ALA.
 MARBURY STOCK FARMS, Jersey and Shorthorn Cattle and Duroc Swine, MARBURY, ALA.
 MOORE, A. B., Breeder of Pure-Bred Shorthorns, MARION JUNCTION, ALA.
 PRATTVILLE STOCK FARM, C. E. Thomas, President; Carl F. Adams, Secretary, Pure-Bred Hampshire Swine, PRATTVILLE, ALA.

SANSOM, JAMES C., Breeder of Pure-Bred Shorthorn Cattle, SELLERS, ALA.
 SMITH, F. W., Big-Type Poland-China Swine, R. R. 1, WAVERLY, ALA.
 SOLOMON & OATES, Breeders of Pure-Bred Shorthorns, HEADLAND, ALA.
 WADSWORTH, W. A., Breeder of Duroc-Jersey Swine, PRATTVILLE, ALA.
 WARD, D. & C., Breeders of Aberdeen-Angus Cattle, SELMA, ALA.

ARIZONA.

BARTLETT-HEARD LAND AND CATTLE CO., Poland-China Swine, PHOENIX, ARIZ.
 EVANS, H. DAVID, Breeder of Pure-Bred Poland-China Swine, MESA, ARIZ.
 GIST, AUBREY, Breeder of Angora Goats, SKULL VALLEY, ARIZ.
 GRAND CANYON SHEEP COMPANY, Rambouillet Sheep, FLAGSTAFF, ARIZ.
 HARRI, L. G., Breeder of Pure-Bred Poland-China Swine, PHOENIX, ARIZ.
 HAZLETON, C. E., Breeder of Pure-Bred Poland-China Swine, PHOENIX, ARIZ.
 JOHNSON, JAMES A., Breeder of Pure-Bred Shorthorn Cattle, PHOENIX, ARIZ.
 MORGAN, FRANK P., Breeder of Pure-Bred Poland-Chinas, SOMERTON, ARIZ.
 Walker Goat Co., Angoras, Kingman, Ariz.
 WEATHERSBY, J. P., Angora Goats, KLONDYKE, ARIZ.
 Webster, O. F., Angoras, Thatcher, Ariz.

ARKANSAS.

AUTEN, H. F., Pure-Bred Holstein Heifers, LITTLE ROCK, ARK.
 BERRY, J. H., Breeder of Pure-Bred Shorthorn Cattle, BENTONVILLE, ARK.
 BLEAKLEY, F. L., Breeder of Pure-Bred Shorthorn Cattle, AUVERGNE, ARK.
 BROWN, HENRY, Breeder of Pure-Bred Poland-China Swine, ARDEN, ARK.
 CASEY, BERRY, Breeder of Pure-Bred Shorthorn Cattle, BOXLEY, ARK.
 Clearwater Farms, Thos. L. Fell, Stuttgart, Ark.
 COOPER, J. F., Breeder of Pure-Bred Shorthorn Cattle, SNOWBALL, ARK.
 CROW, R. C., Breeder of Pure-Bred Poland-China Swine, GARNETT, ARK.
 CULBERHOUSE, R. S., Breeder of Pure-Bred Poland-Chinas, JONESBORO, ARK.
 CUMMINS, HARRY, Breeder of Pure-Bred Poland-China Swine, CORNING, ARK.
 DAVIS, ROBERT, Breeder of Pure-Bred Poland-China Swine, MILLWOOD, ARK.
 DENTON, GARLAND, Breeder of Pure-Bred Shorthorn Cattle, BERRYVILLE, ARK.
 DUNCAN, ELLIS, Breeder of Pure-Bred Poland-Chinas, FAYETTEVILLE, ARK.
 FAKES, W. B., Breeder of Pure-Bred Shorthorn Cattle, McCORMY, ARK.
 FOSTER, P. A., Breeder of Pure-Bred Shorthorn Cattle, MONETTE, ARK.
 GAITHER, GUS, Breeder of Pure-Bred Shorthorn Cattle, HARRISON, ARK.
 GREINER, F. J., Breeder of Immune Chester White Swine, MENA, ARK.
 HANDSBROUGH, W. J., Breeder of Pure-Bred Shorthorn Cattle, RECTOR, ARK.
 HANSMANN, WM., Breeder of Pure-Bred Poland-China Swine, BRINKLEY, ARK.
 HILTON, W. A., Breeder of Pure-Bred Shorthorns, EUREKA SPRINGS, ARK.
 MOREHOUSE, A. R., Breeder of Pure-Bred Shorthorns, EUREKA SPRINGS, ARK.
 SIEGLE, OTTO, Tick-Immune Herefords, 1855 Arch St., LITTLE ROCK, ARK.
 YANCY, S. H., Breeder of Pure-Bred Shorthorn Cattle, RECTOR, ARK.

CALIFORNIA.

ANGELL, E. G., Breeder of Pure-Bred Poland-China Swine, IMPERIAL, CALIF.
 ARLINGTON HEIGHTS FRUIT CO., Poland-China Swine, RIVERSIDE, CALIF.

BASSETT, M., Breeder of Pure-Bred Poland-China Swine, HANFORD, CALIF.
 BISHOP BROS., "San Ramon Shropshires," SAN RAMON, CALIF.
 BULLARD BROS., Pure-Bred Rambouillet Sheep, WOODLAND, CALIF.
 CAWSTON OSTRICH FARM, P. O. Box 6, SOUTH PASADENA, CALIF.
 CONKLIN BROS., Pure-bred Angoras, NEWVILLE, CALIF.
 CROWELL, F. E., Breeder of Pure-Bred Poland-China Swine, ALPAUGH, CALIF.
 GLIDE, T. S., Breeder of Pure-Bred Shorthorn Cattle, DAVIS, CALIF.
 HANNAH, CHAS. R., Breeder of Pure-Bred Poland-China Swine, RIVERSIDE, CALIF.
 KIMBLE, CHAS. A., Breeder of California Rambouillet Sheep, HANFORD, CALIF.
 LEWIS, H. H., Breeder of Pure-Bred Poland-China Swine, WINTERS, CALIF.

COLORADO.

BABCOCK, B. A., Breeder of Pure-Bred Shorthorn Cattle, RUSH, COLO.
 BARNEY BROS., Pure-Bred Poland-China Pigs, HASWELL, COLO.
 BERGEMANN, W. M., Breeder of Pure-Bred Shorthorn Cattle, PUEBLO, COLO.
 BEVERIDGE, LISTER, Hereford Cattle and Belgian Horses, ARAPAHOE, COLO.
 CAMPBELL, C. C., Breeder of Pure-Bred Shorthorn Cattle, SPRINGFIELD, COLO.
 CHEESE, C. H., Breeder of Pure-Bred Shorthorn Cattle, PEYTON, COLO.
 COLE, HOMER C., Breeder of Pure-Bred Poland-China Swine, ALFALFA, COLO.
 COUNTS, WILSON, Producer of Holstein Dairy Springers, HASTY, COLO.
 CREEL, C. A., Breeder of Pure-Bred Shorthorn Cattle, ARRIBA, COLO.
 EDMOOR FARM, Caldwell Martin, Owner, Duroc-Jerseys, LITTLETON, COLO.
 FLINT, FRED, Breeder of Pure-Bred Shorthorn Cattle, GREELEY, COLO.
 Funk, M. M., Angoras, Parlin, Colo.
 GOODWIN, W. W., Breeder of Pure-Bred Jerseys, R. F. D. 2, CANON CITY, COLO.
 GRAHAM, G. W., Breeder of Pure-Bred Shorthorn Cattle, LILY, COLO.
 GROVES, JAMES, Breeder of Pure-Bred Shorthorn Cattle, ORCHARD, COLO.
 HELD, J. H., Breeder of Pure-Bred Shorthorn Cattle, STERLING, COLO.
 HETZER, WESLEY, Breeder of Pure-Bred Shorthorn Cattle, MAGNOLIA, COLO.
 HIGGINS, MARION, Breeder of Pure-Bred Shorthorn Cattle, YUMA, COLO.
 HOLMES, R. M., Breeder of Pure-Bred Shorthorn Cattle, SNOWMASS, COLO.
 J. O. D. RANCH, Pure-Bred Range-Raised Hereford Cattle, Jacks, Etc, AROYO, COLO.
 JONES, F. R., Breeder of Pure-Bred Shorthorn Cattle, JULESBURG, COLO.
 LANDSOWN, MISS ANNA, White Wyandotte Fowls, FORT LUPTON, COLO.
 MCLENANAH, A. M., Jersey Cattle and Duroc-Jersey Swine, GREELEY, COLO.
 Melburn, C. A., Shorthorns, Elbert, Colo.
 MULLIGAN, P. H., Breeder of Pure-Bred Shorthorn Cattle, ELBERT, COLO.
 PANCAKE, ERNEST, Producer of High-Grade Dairy Springers, DEERTRAIL, COLO.
 PLATTE RIVER CATTLE CO., Pure-Bred Hereford Bulls, 715 E. and C. Building, DENVER, COLO.
 SEGA SAGO EGG RANCH, S. C. White Leghorns, HOLLY, COLO.
 STOUT, S. C., Breeder of Pure-Bred Shorthorn Cattle, COLORADO SPRINGS, COLO.
 VALLEY VIEW HEREFORDS, Fulscher & Kepler, Prop., HOLYOKE, COLO.
 WARNOCK, DAVID, & SONS, Breeders of Scotch Shorthorns, LOVELAND, COLO.
 WESTERN HOLSTEIN FARM (Hall Bros., Props.), 1200 West Alameda, DENVER, COLO.

WIGHT, W. A., Breeder of Pure-Bred Shorthorn Cattle, LAS ANIMAS, COLO.
 YAMPA LIVE STOCK AND LAND CO., Shorthorn Cattle, CARY RANCH, COLO.
 ZION, A., Breeder of Pure-Bred Shorthorn Cattle, CRAIG, COLO.

CONNECTICUT.

BAKER, JOSEPH N., Breeder of Pure-Bred Berkshires, GROSVENORDALE, CONN.
 JUDSON, TRACY, Breeder of Pure-Bred Shorthorn Cattle, BETHLEHEM, CONN.
 SPARROW, L. R., Breeder of Pure-Bred Shorthorn Cattle, TOLLAND, CONN.

DELAWARE.

DAVIS, L. T., Breeder of Pure-Bred Berkshire Swine, DAGSBORO, DEL.
 GREEN, GEORGE, Breeder of Pure-Bred Berkshire Swine, NEWARK, DEL.

FLORIDA.

BRIGHT BROS., Dairy Farm and Breeders of Holstein Cattle, MIAMI, FLA.
 COTTINGHAM, J. E., Breeder of Pure-Bred Poland-China Swine, MADISON, FLA.
 EDWARDS, L. K., Breeder of Pure-Bred Poland-China Swine, IRVINE, FLA.
 GAITSKILL, S. H., Breeder of Pure-Bred Shorthorn Cattle, MCINTOSH, FLA.
 JACKSON, A. L., Breeder of Pure-Bred Shorthorn Cattle, GAINESVILLE, FLA.
 SUWANEE MODEL DAIRY, Breeder of Poland-China Swine, LIN OAK, FLA.
 THORN, W. B., Breeder of Pure-Bred Poland-China Swine, ANTHONY, FLA.
 WENDLER, J. H., Pure-Bred Berkshire Swine, ORLANDO, FLA.

GEORGIA.

ALEXANDER, ROY, Breeder of Holstein Dairy Cattle, ROOPVILLE, GA.
 ARLE'S PLANTATION, Duroc-Jerseys and Hampshire Swine, AMERICUS, GA.
 ARNALL, A. W., Breeder of Pure-Bred Shorthorn Cattle, SARGENT, GA.
 BARNETT, A. H., Breeder of Pure-Bred Shorthorn Cattle, WASHINGTON, GA.
 BARNETT, W. B., Producer of Grade Jersey Milch Cows, SHARON, GA.
 BATTLE, JOE J., Breeder of Pure-Bred Poland-China Swine, MOULTRIE, GA.
 BORFIELD, GEO. R., Breeder of Pure-Bred Poland-China Swine, MACON, GA.
 BOSS, FRED, Jerseys, Holsteins, Short-horns, R. F. D. 3, COLUMBUS, GA.
 BOSWELL, E. T., JR., Pure-Bred Hereford Cattle, SILOAM, GA.
 BRIDGES, J. W., Breeder of Pure-Bred Poland-China Swine, BLAKELY, GA.
 BRIM, W. E., Breeder of Pure-Bred Shorthorn Cattle, SASSER, GA.
 BROOKHILL FARM, J. R. Humphries, Owner, Registered Jersey Cattle, ACWORTH, GA.
 BYNE, J. M., Breeder of Pure-Bred Shorthorn Cattle, WARESBORO, GA.
 CARTER, OTIS L., Breeder of Pure S. C. White Leghorns, R. F. D., GRIFFIN, GA.
 COMER—E. T. COMER CO., Breeder of Southdown Sheep, MILLHAVEN, GA.
 COX, MARVIN, Breeder of Pure-Bred Poland-China Swine, MACON, GA.
 DUROC FARMS, THE, E. D. Bigham, Prop., Duroc-Jersey Swine, LESLIE, GA.
 EVANS, A. J., Breeder of Duroc-Jersey Swine, FORT VALLEY, GA.
 FAIR VIEW FARM, Pure-Bred Berkshire Swine, PALMETTO, GA.
 FLORENCE, W. L., Pure-Bred Hereford Cattle, POWDER SPRINGS, GA.
 GEORGIA HEREFORD CATTLE BREEDERS' ASSOCIATION, Third National Bank Building, ATLANTA, GA.
 GEORGIA HEREFORD FARMS, Chattahoochee Lumber Co., Prop., LELA, GA.

GEORGIA SHORTHORN (CATTLE) BREEDERS' ASSOCIATION, 901 Court House, ATLANTA, GA.
HADGE, J. W., Breeder of Pure-Bred Shorthorn Cattle, ELKO, GA.
HAM, J. E., Breeder of Pure-Bred Poland-China Swine, VALDOSTA, GA.
HARDMAN, C. J., & BRO., Country Place Berkshires, COMMERCE, GA.
HIGHWAY FARM, Breeders of Pure Duroc-Jersey Swine, ELKO, GA.
HUNNICUTT, G. F., Breeder of Pure-Bred Jersey Cattle, HAPEVILLE, GA.
JACKSON, ROBERT F., Pure-Bred Berkshire Swine, STARRSVILLE, GA.
JONES, W. H. H., Pure-Bred Berkshire Swine, HEPHZIBAH, GA.
JUSTAMERE STOCK FARM, J. F. Turner, Owner, Durocs and Polands, VALDOSTA, GA.
KENNESAW MOUNTAIN FARM, R. H. Northcutt, Prop., Jerseys, MARIETTA, GA.
KING, J. A., Breeder of Hampshire Swine, UNADILLA, GA.
KINNEY, W. H., Pure-Bred Shorthorn Cattle, R. R. 1, CARROLLTON, GA.
MACK'S GEORGIA HEREFORDS, E. E. Mack, Prop., THOMASVILLE, GA.
MEADOWBROOK FARM, A. M. Nixon, Prop., B. P. Rocks, Eggs and Fowls, R. R. 6, CARROLLTON, GA.
PALM DUROC FARM, Walter L. Wight, Owner, Duroc-Jersey Swine, CAIRO, GA.
PARKER, P. E., Single Comb White Leghorns, R. R. 2, HAMPTON, GA.
PHILLIPS, J. J. L., Aberdeen-Angus Cattle, TIFTON, GA.
PONDER, J. R., Breeder of Pure-Bred Shorthorn Cattle, LA FAYETTE, GA.
PYRON, RUOHS, Meadowview Farm Berkshires, CARTERSVILLE, GA.
RED PEBBLE FARM, Breeders of Pure Bred Hereford Cattle, ASHBURN, GA.
REID, FRED G., Registered Hampshire Pigs, CRAWFORDVILLE, GA.
ROQUEMORE, H., Berkshire Hogs, Jersey Cattle, Etc., MANSFIELD, GA.
SCOTT, W. D., Live Stock Auctioneer and Breeder, ARLINGTON, GA.
SHEDDEN FARMS, Breeders of Registered Shorthorn Cattle, RAYMOND, GA.
SHINGLER BROS., Pure-Bred Hereford Cattle, ASHBURN, GA.
SHOAL CREEK FARM, Duroc-Jersey Swine, MONTICELLO, GA.
SIMPSON, EDWIN, Pure White Collie Dogs, Sir Noko at Stud, CULVERTON, GA.
STALLINGS, G. T., Breeder of Pure-Bred Shorthorn Cattle, HADDOCK, GA.
STURGIS FARMS, Pedigreed Duroc-Jersey Pigs, APALACHEE, GA.
TIFT, T. W., Breeder of Pure-Bred Shorthorn Cattle, TIFTON, GA.
TRIMBLE, G. L., Mammoth Poland-China Swine, ADAIRSVILLE, GA.
WALLACE DISTRIBUTING CO., Belgian Hares and Rufus Reds, RUTLEDGE, GA.

IDAHO.

BEEBE BROS., Registered Holstein Cattle, R. R. 2, RUPERT, IDAHO.
BOOMER, H. R., Pure-Bred Holstein Cattle, NEW PLYMOUTH, IDAHO.
BROWN & MOOD, Draft Horses, MOSCOW, IDAHO.
BROWN, C. W., Breeder of Pure-bred Cotswold Sheep, PARKER, IDAHO.
BUTTERFIELD LIVE STOCK CO., Breeder of Hampshire Down Sheep, WEISER, IDAHO.
CALDWELL CATTLE COMPANY, Breeders of Scotch Shorthorns, CALDWELL, IDAHO.
CHRISTENSEN, GEORGE P., Breeder of Shorthorn Cattle, NEZPERCE, IDAHO.
CLARK, E. B., Breeder of Pure-Bred Shorthorn Cattle, GEORGETOWN, IDAHO.
CLARK, W. W., Breeder of Pure-Bred Shorthorn Cattle, GEORGETOWN, IDAHO.

CLAYTON, WILBUR, Barred Rock, White Leghorns, Black Minorca Fowls, R. 1, PAYETTE, IDAHO.
Eagleson & Sons, Angus Cattle, Boise, Idaho.
FINCH, H. L., Importer of Hampshire, Cotswold, Lincoln and Shropshire Stud Sheep, SODA SPRINGS, IDAHO.
FRAY, ALBERT, Breeder of Pure-Bred Poland-Chinas, GRANGEVILLE, IDAHO.
FRUITLAND STOCK FARM, C. Royston, Mgr., Poland-Chinas, PAYETTE, IDAHO.
GOODWIN & STARR, Breeders of Pure-Bred Shorthorn Cattle, CALDWELL, IDAHO.
GREENLEAF STOCK RANCH, Wilson Bros., Poland-Chinas, GREENLEAF, IDAHO.
HARPER, W. FRED, Pure-Bred Holstein Cattle, NEW PLYMOUTH, IDAHO.
HENDERSON, JOHN, Breeder of Pure-Bred Shorthorn Cattle, CLIFTON, IDAHO.
HOBBS & GILLET, Breeders of Registered Rambouillet Sheep, BUHL, IDAHO.
HOWARD, W. F., & SONS, Avondale Poland-Chinas, FARMA, IDAHO.
JOHNSON BROS., Breeders of Pure-Bred Shorthorn Cattle, GEORGETOWN, IDAHO.
JORDAN VALLEY FARMS, Stock and Grain Farm, P. O. Box 1214, BOISE, IDAHO.
KEMSLEY, CHARLES, Breeder of Shetland Ponies, SUBLETT, IDAHO.
LELAND BROTHERS, Breeders of Registered Shorthorns, WENDELL, IDAHO.
LONG, C. E., Jersey Isle Stock Ranch, BUHL, IDAHO.
Luchinetti, John, Angoras, Kellogg, Idaho.
MOORE, CRAWFORD, Breeder of Pure-Bred Shorthorn Cattle, BOISE, IDAHO.
OLSON, ERICK W., Choice Duroc-Jerseys, VIRGINIA, IDAHO.
OTTO, L. S., Breeder of Duroc-Jersey Swine, FILER, IDAHO.
PARSONS, R. A., Breeder of Shorthorn and Polled Durham Cattle, BLACKFOOT, IDAHO.
POLLY, H. C., Avondale Stock Farm Duroc-Jerseys, R. R. 3, BURLEY, IDAHO.
RENO, FRANK, & SONS, Breeders of Shorthorn Cattle, IDAHO FALLS, IDAHO.
RICHARDS LIVE STOCK CO., "Idaho Champion Durocs," VIRGINIA, IDAHO.
ROUND KNOLL RANCH NO. 3, Tamworth Swine, BLISS, IDAHO.
SCHILDMAN, H. H., Breeder of Registered Shorthorn Cattle, Hampshire Sheep and Big-Type Poland-Chinas, FILER, IDAHO.
SILVERS, J. L., Breeder of Pure-Bred Shorthorn Cattle, MURTAUGH, IDAHO.
THAYER, G. F., Strawberry Plants, PAYETTE, IDAHO.
WILSON, W. T., S. C. and R. C., Rhode Island Reds, R. 3, WEISER, IDAHO.

ILLINOIS.

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EASTGATE BROS., Aberdeen-Angus Cattle, Duroc-Jersey Hogs and Oxford Down Sheep, LARIMORE, N. D.

EDMUNDS, V. T., Registered Hereford Cattle, CHANDLER, N. D.

ENYART, GEO. D., Live Stock Auctioneer, EDGELEY, N. D.

FARR, L. M., Farm Raised Chester White Swine, BESSIE, N. D.

FINCH BROS., Importers and Breeders of Draft Stallions and Mares, FARGO, N. D.

HAMMER BROS., Percheron and Belgian Horses and Scotch Shorthorns, COOPERSTOWN, N. D.

HARTLEY STOCK FARM, Angus Cattle, Duroc and Yorkshire Hogs, PAGE, N. D.

HASSAWINKLE, C. A., Blue Ribbon Shetland Pony Farm, HETTINGER, N. D.

HUMPHREY, A. G. & SONS, Homestead Farm Poland-Chinas, ENGLEVALE, N. D.

JOHNSON, H. J., Breeder of Duroc-Jersey Swine, OAKES, N. D.

JOHNSON, LIVY, Angus Cattle and Duroc-Jersey Hogs, COGSWELL, N. D.

JOHNSTON, T. N., Sunnysbank Farm Duroc-Jersey Swine, STERLING, N. D.

JONGEWAARD, R. A., Duroc-Jersey Swine, LITCHVILLE, N. D.

KENNEDY & SON, Breeders of Yorkshire Swine, SHEYENNE, N. D.

KINNEY, COL. H. A., Live Stock Auctioneer, MILNOR, N. D.

LARSON, L. A., Aberdeen-Angus Cattle and Duroc Swine, PINGREE, N. D.

LEGG, AARON, & SON, Berkshire and Shorthorn Cattle, FOREST RIVER, N. D.

MARQUETTE, D. D., Pure-Bred Duroc-Jerseys, MILNOR, N. D.

MILLER, H. G., Breeder of Guernsey Cattle, SHEYENNE, N. D.

MURPHY, JOHN J., Breeder of Aberdeen-Angus Cattle, WILLISTON, N. D.

O'CONNOR, JOHN M., Pure-Bred Hampshire Swine, ST. THOMAS, N. D.

ODLAND, JOHN G., Poland-China Swine, SENTINEL BUTTE, N. D.

ODLAND, LEWIS, Pure-Bred Poland-Chinas, BEACH, N. D.

PAZANDAK, JOS., Highland Farm Chester Whites, FULLERTON, N. D.

Person, E. S., Guernseys, Minot, N. D.

QUAST, AUG. J., Hillview Duroc-Jersey Swine, OAKES, N. D.

ROTH & LENTON, Percheron and Belgian Horses, MINOT, N. D.

SEBBY, T. J., Summit Stock Farm Herefords, FINGAL, N. D.

SPRINGDALE LIVE STOCK CO. (C. S. Brown), Shorthorns and Poland-Chinas, ROGERS, N. D.

TARR, E. L., Pioneer Grove Duroc-Jerseys, WALCOTT, N. D.

THOBURN, W. A., Pure-Bred Polled Herefords, WYNDMERE, N. D.

TWETEN, J. T., Pure-Bred Hereford Cattle, ROLETTE, N. D.

WEBER, WILFORD, Fairview Stock Farm
Duroc-Jerseys, HAVANA, N. D.
WHITE, A. H., Percheron Horses and
Shorthorn Cattle, KRAMER, N. D.
WILLIAMS, T. P., & SON, Herefords and
Poland-Chinas, FAIRMOUNT, N. D.

OHIO.

AARON CREEK STOCK FARM, Hereford
Cattle, IRONTON, OHIO.
AMERICAN AND DELAINE MERINO
RECORD ASSOCIATION, S. M. Cleaver, Sec-
retary, DELAWARE, OHIO.
AMERICAN OXFORD DOWN SHEEP
RECORD ASSOCIATION, W. A. Shafer,
Secretary, HAMILTON, OHIO.
AMERICAN RAMBOUILLET SHEEP
BREEDERS' ASSOCIATION, Dwight Lin-
coln, Sec'y-Treas., MARYSVILLE, OHIO.
BAILEY—L. P. Bailey & Sons, Breeders
of Registered Jerseys, TACOMA, OHIO.
BELL BROS., Percheron and Belgian
Horses, WOOSTER, OHIO.
BELL, C. H., Pure-bred Merino Sheep of
the Highest Class, ASHLEY, OHIO.
BEMAN, M. E., & SON, Pure-Bred Jersey
Cattle, THURMAN, OHIO.
BERGOLD, J. M., & SON, Breeders of
Duroc-Jersey Swine, CANTON, OHIO.
BLOSSER, W. F., Breeder of Pure-Bred
Registered Holsteins, JENERA, OHIO.
BRADFORD, W. W., Breeder of Pure-
Bred Herefords, BARTON, OHIO.
BRANSON, C. A., Pure-Bred Shorthorn
Bulls, CADIZ, OHIO.
BRADFUTE, O. E., Breeder of Aberdeen-
Angus Cattle, R. 5, XENIA, OHIO.
BROCKETT, E. W., Breeder of Dual-
Purpose Shorthorns, ATWATER, OHIO.
BROWN, J. C., Breeder of Pure-bred
Chester White Swine, COVINGTON, OHIO.
CALDWELL, J. S., & SONS, Angus Cattle,
CHILLICOTHE, OHIO.
CALLAND, W. D., & SON, Breeders of
Cheviot Sheep, DE GRAFF, OHIO.
CONNELL, L. E., Breeder of Registered
Holstein Cattle, FAYETTE, OHIO.
CARPENTER & ROSS, Maxwellton Farm
Shorthorns, MANSFIELD, OHIO.
CHERRY, H. H., Breeder of Champion-
ship Dorset Sheep, XENIA, OHIO.
CLARK, C. W., Breeder of Milking Short-
horns, WARREN, OHIO.
CLEAVER, S. M., American Merino Sheep,
DELAWARE, OHIO.
CONTINENTAL DORSET CLUB, Edith
Chidester, Sec'y, MECHANICSBURG, OHIO.
CRIM, GEO. W., Breeder of Duroc-Jersey
Swine, UHRICHSVILLE, OHIO.
CRITENDEN, ALVIN, American and
Delaine Merino Sheep, NOVA, OHIO.
DARBY PLACE, Breeders of Hampshire,
Southdown, Dorset, Cheviot, Delaine Merino,
Oxford and Rambouillet Rams, IRWIN, OHIO.
DIX, G. A., Breeder of Big-Type Poland-
Chinas, DELAWARE, OHIO.
DUNLAP, S. A., Breeder of Shorthorn
Cattle, WILLIAMSPORT, OHIO.
EDWARDS, FRANK R., Breeder of Short-
horn Cattle, TIFFIN, OHIO.
FIELDER, A. C., Breeder of High-class
Lincoln Sheep, DE GRAFF, OHIO.
FISHER, C. G., Breeder of Big-Type
Chester Whites, COLLINSVILLE, OHIO.
Fowler, F. A., Chester Swine, Harpster, Ohio.
FOX, FRED, Breeder of Chester White
Swine, R. F. D. 4, LIMA, OHIO.
FRECH, CHAS. H., JR., Registered Jersey
Cattle, R. R. 9, WAPAKONETA, OHIO.
GAMBER, A. T., American Merino Sheep,
WAKEMAN, OHIO.
GAMBLE, D. C., Pure-Bred Chester White
Swine, GREENVILLE, OHIO.
GEITGEY, WALTER, Breeder of Duroc-
Jersey Swine, WOOSTER, OHIO.
GLENN, H. L., Pure-Bred Poland-Chinas,
R. R. 4, SALINEVILLE, OHIO.

GRIFFITH, J. F., Aberdeen-Angus Cattle,
Route 16, EVERETT, OHIO.
GUTHRIE, G. W., Breeder of Registered
Duroc-Jersey Swine, UHRICHSVILLE, OHIO.
HARDIN, F. P., Breeder of Recorded
Chester White Swine, LIMA, OHIO.
HARDIN, J. J., Breeder of Chester White
Swine, LIMA, OHIO.
HARNER, L. B., Breeder of Milking
Shorthorns, R. R. 3, XENIA, OHIO.
HAWTHORNE, BOYD, Holstein Cattle,
Duroc-Jersey Swine, ADENA, OHIO.
HERMAN, W. C., Pure-Bred Holstein
Cattle, R. R. 9, TOLEDO, OHIO.
HOISINGTON BROS., Breeders of Pure-
Bred Berkshire Swine, CRESTON, OHIO.
HOLBECK, A. A., Stock Farmer and
Breeder, 813-18 St., N.W., CANTON, OHIO.
Holton Cattle Co., Shorthorns, Ripley, Ohio.
HOMEHURST FARM, Pure-Bred Holstein
Cattle, SYLVANIA, OHIO.
HUSSEY & MILLS, Pure-Bred Jersey
Cattle, MT. PLEASANT, OHIO.
INGERSOLL FARMS, Pure-Bred Holstein
Cattle, ELYRIA, OHIO.
JACKSON, IRA D., Breeder of Duroc-
Jersey Swine, R. 10, VAN WERT, OHIO.
JOHNSON, M. U., Ferndale Stock Farm
Chester Whites, ASHTABULA, OHIO.
JONES—A. W. JONES & SON, Aber-
deen-Angus Cattle, LA RUE, OHIO.
JONES, JAMES W., Big-Type Poland-
China Pigs, R. R. 1, BAINBRIDGE, OHIO.
KITTLE BROS., Breeders of Holstein
Cattle, HOLLAND, OHIO.
KNAPP & PIERCE, Pure-Bred Holstein
Cattle, EAST CLARIDON, OHIO.
KOHLE BROTHERS, Breeders of the
Famous Kohli Merinos, PANDORA, OHIO.
KRANTZ & SONS, Red Polled Cattle and
English Berkshires, DOVER, OHIO.
LAWRENCE, H. D., Hereford Stock Farm,
Breeder of Pure-Bred Cattle, R. 1,
BLUE ROCK, OHIO.
LEE, J. WILBUR, Breeder of Pure-Bred
Red Polled Cattle, RACINE, OHIO.
LINK, R. J., Elmwood Farm, B and C
Type Merino Sheep, ATTICA, OHIO.
McCONNELL, E. R., Pure-bred Ayrshire
Cattle, WELLINGTON, OHIO.
McCONNELL, L. W., Pure-bred Ayrshire
Cattle, WELLINGTON, OHIO.
McDOWELL, L. C., Pure-Bred Spotted
Poland-Chinas, R. 3, PLAIN CITY, OHIO.
McKEEFREY FARMS, Pure-Bred Jersey
Cattle, LEETONIA, OHIO.
McLAIN & SONS, Percheron and Belgian
Horses, LIMA, OHIO.
McLain, C. B., Shorthorns, Wauseon, Ohio.
McLAUGHLIN, C. J., & CO., Breeders of
Duroc-Jersey Swine, PLEASANTVILLE, OHIO.
MAPLE GROVE FARM, Pure-Bred Jersey
Cattle, SMITHVILLE, OHIO.
MAPLEVIEW FARM, C. B. McLain, Prop.,
Shorthorn Cattle, WAUSEON, OHIO.
MARSHALL, CORTLAND, Breeder of
Shorthorn Cattle, NEW LONDON, OHIO.
MARVIN, GEO. L., Breeder of Milking
Shorthorns, ANDOVER, OHIO.
MASON, CLAIR G., Pure-Bred Live Stock
Auctioneer, MARSHALLTOWN, OHIO.
MASTERS, T. A., Big-Type Poland-China
Swine, R. R. 6, ASHLAND, OHIO.
MILLER BROS., Registered Percheron
Horses, R. 1, GALION, OHIO.
MOUNT PLEASANT FARM, J. E. Fine-
frock, Owner, Duroc-Jerseys,
CANAL FULTON, OHIO.
Myers, J. J., General Auctioneer, Farm Sales,
Williamsfield, Ohio.
NATIONAL BREEDERS AND FANCIERS
ASSOCIATION OF AMERICA, Wm. H.
Ashton, President, DAYTON, OHIO.
NEWBERRY, E. L., Pure-Bred Percheron
Horses, CHARDON, OHIO.
NORTON, E. G., Walnut Hall Farm, Red
Polls, SEVILLE, OHIO.
NYE, ALBERT, Breeder of Quality Duroc-
Jerseys, NEW WASHINGTON, OHIO.

- OAKES STOCK FARM, Pure-Bred Holstein Cattle, LITTLE HOCKING, OHIO.
- OGLESBEE, I. E., Belgians and Percherons, YELLOW SPRINGS, OHIO.
- ORTH & MATHEWS, Breeders of Premier Rambouillet Sheep, McGUFFY, OHIO.
- OSWALD, T. L., Breeder of Hampshire Swine, DELAWARE, OHIO.
- OTIS HERD, THE, of Milking Shorthorns, R. M. Dodging, Mgr., WILLOUGHBY, OHIO.
- OWEN, SAMUEL, Breeder of "Owen Hill" Merino Sheep, SEVILLE, OHIO.
- PELTON, FLOYD M., Pure-Bred Holstein Cattle, LA GRANGE, OHIO.
- PORTER, W. L., Breeder of Shorthorn Cattle, ATWATER, OHIO.
- PRICE, W. H., Village Farm Jerseys, WOODVILLE, OHIO.
- PRINDLE, O. L., Pure-bred Holstein Cattle, WEST VIEW, OHIO.
- Rhodes, S. L., Chester Swine, Versailles, Ohio.
- RAEMELTON FARM, Breeder of Large Yorkshire Swine, MANSFIELD, OHIO.
- Rawlins, A. M., Shorthorns, Springfield, Ohio.
- ROBINSON, J. S., Breeder of Polled Durham Cattle, RIDGEWAY, OHIO.
- ROMSHE, JUSTUS, & SON, Breeders of Aberdeen-Angus Cattle, R. 4, WAPAKONETA, OHIO.
- RUSSELL, F. H., Breeder of Delaine Merino Sheep, Box 39, WAKEMAN, OHIO.
- RUSSELHURST FARM, Pure-bred, Guernsey Cattle, WILLOUGHBY, OHIO.
- SANDUSKY COUNTY PURE-BRED STOCK ASSOCIATION, C. A. Mahan, Secretary, FREMONT, OHIO.
- SANFORD, N. B., Pure-Bred Shorthorn Cattle, R. R. 1, STRYKER, OHIO.
- SECRIST, H. J., & SON, Edgewood Duroc-Jersey Swine, WHARTON, OHIO.
- SHADYSIDE FARMS, Breeders of Pure-bred Shetlands, NORTH BENTON, OHIO.
- SILVER, THE L. B. SILVER CO., Breeders and Originators of the Famous O.L.C. Swine, SALEM, OHIO.
- STEVENS, R. T., R. R. 5, SHELBY, OHIO.
- SNYDER, IRVIN A., Breeder of Registered Holstein Cattle, PARIS, OHIO.
- STARK, JOSHUA, Breeder of Large English Berkshires, GRANVILLE, OHIO.
- STEEL, ED. V., & SONS, Breeders of Aberdeen-Angus, R. 2, EAST SPARTA, OHIO.
- STUCKEY, CHAS. J., Breeder of Fancy Duroc-Jerseys, MECHANICSBURG, OHIO.
- TERRELL, TASSO, Breeder of American and Delaine Merinos, NEW VIENNA, OHIO.
- THOMAS, T. O., Pure-Bred Large Berkshire Swine, R. 6, FREEPORT, OHIO.
- VOGE'S JACK FARM, Jacks, Jennets, Mules and Percherons, EATON, OHIO.
- WALKER, DR. H. F., Breeder of Registered Jersey Cattle, WILLIAMSBURG, OHIO.
- WALKER, J. F., Woodbine Farm Merino Sheep, GAMBIER, OHIO.
- WARSTLER, GEO., & SONS, Registered Holsteins, JUSTUS, OHIO.
- WELLINGTON STOCK FARM, Pure-Bred Holsteins, WELLINGTON, OHIO.
- WHINNERY, WILLIS, Registered Jerseys, SALEM, OHIO.
- WILDERSON, C. G., Pure-Bred Guernsey Cattle, LEETONIA, OHIO.
- WILLIAMSON, J. C., Breeder of Oxford Down Sheep, XENIA, OHIO.
- WOODSIDE FARMS (W. H. Butler), Percheron Horses, SANDUSKY, OHIO.
- YAUSSY, GODFREY, Pure-Bred Holstein Cattle, BUCYRUS, OHIO.
- YODER, J. S., Pure-Bred Guernsey Cattle, WOOSTER, OHIO.
- ZEHRING, OSCAR O., Prize Winning Holstein-Friesians, GERMANTOWN, OHIO.
- ALLISON, A. R., Breeder of Pure-Bred Shorthorn Cattle, MEDFORD, OKLA.
- AUSTIN, CHAS., Breeder of Pure-Bred Poland-China Swine, RED OAK, OKLA.
- BAKER, T. A., Breeder of Pure-Bred Shorthorn Cattle, WATONGA, OKLA.
- BALL, FRED S., Auctioneer, Live Stock and Farm Sales, EL RENO, OKLA.
- BARKLEY, G. W., Breeder of Pure-Bred Shorthorn Cattle, SEILING, OKLA.
- BERNER, J. F., Breeder of Pure-Bred Shorthorn Cattle, GOTEBO, OKLA.
- BISHOP, E. F., Breeder of Pure-Bred Shorthorn Cattle, HOBART, OKLA.
- BOUSE, R. P., Breeder of Pure-Bred Shorthorn Cattle, HELENA, OKLA.
- BRASIER, A. J., Breeder of Pure-Bred Shorthorn Cattle, CLAREMORE, OKLA.
- BROWDER, J. A., Breeder of Pure-Bred Shorthorn Cattle, ASHER, OKLA.
- BROWNE, V. B., Breeder of Pure-Bred Shorthorn Cattle, MAY, OKLA.
- BRYAN, E. M., Breeder of Pure-Bred Shorthorn Cattle, LEEDEY, OKLA.
- BUCK, C. I., Registered Hampshire Swine, CANTON, OKLA.
- BURNS, J. A., Breeder of Pure-Bred Shorthorn Cattle, NOWATA, OKLA.
- CADDO MEBANE COTTON SEED CO., Mebane Triumph Cotton Seed, CADDO, OKLA.
- CALLAHAN, E. J., Breeder of Pure-Bred Shorthorn Cattle, LONE WOLF, OKLA.
- CAVETT, J. F., Breeder of Pure-Bred Shorthorn Cattle, PAWNEE, OKLA.
- CLARK, JOE F. H., Breeder of Duroc-Jersey Swine, CUSTER CITY, OKLA.
- COMMERCIAL LAND CO., Breeders of Reg. Hereford Cattle, MUSKOGEE, OKLA.
- CROSBIE, J. E., Breeder of Pure-Bred Shorthorn Cattle, TULSA, OKLA.
- DELLINGER, W. A., Breeder of Pure-Bred Poland-Chinas, FORT COBB, OKLA.
- DRUM, F. H., Breeder of Pure-Bred Shorthorn Cattle, BEAVER, OKLA.
- ENGRAM, I. A., Breeder of Pure-Bred Shorthorn Cattle, EARLSBORO, OKLA.
- FILLMORE, D. H., Breeder of Pure-Bred Shorthorn Cattle, STILLWATER, OKLA.
- FINERTY FARMS, Duroc-Jersey Swine, Box 672, OKLAHOMA CITY, OKLA.
- GRAHAM, C. A., Breeder of Pure-Bred Shorthorn Cattle, TULSA, OKLA.
- HENTHORN, A. J., Breeder of Percheron Horses, OKLAHOMA CITY, OKLA.
- HERRIF, E. F., Auctioneer, Live Stock and Farm Sales, APACHE, OKLA.
- HILLANDALE FARMS, Duroc-Jersey Swine, R. 5, OKLAHOMA CITY, OKLA.
- HOLMAN, H. H., Breeder of Pure-Bred Shorthorn Cattle, WETUMKA, OKLA.
- HOPKINS, J. H., Breeder of Pure-Bred Shorthorn Cattle, CASHION, OKLA.
- HURT, FLOYD, Live Stock Auctioneer, Pure-Bred Stock, EDMOND, OKLA.
- JACKSON, J. H., Pure-Bred Percheron Horses, ENID, OKLA.
- KERSHAW, L. R., Aberdeen-Angus Cattle, MUSKOGEE, OKLA.
- KINE, CHAS. C., Big-Type Poland-Chinas, R. 2, CHICKASHA, OKLA.
- LOOKABAUGH, H. C., Breeder of Shorthorn Cattle, WATONGA, OKLA.
- MCCORD BROS., Big-Type Poland-China Swine, PAULS VALLEY, OKLA.
- MIDDLETON, D. F., Breeder of Pure-Bred Shorthorn Cattle, CUSTER, OKLA.
- NORMAN, E. E., Breeder of Pure-Bred Shorthorn Cattle, WEATHERFORD, OKLA.
- OGDEN, GEORGE, Breeder of Belgian Hares, DUNCAN, OKLA.
- RICHARDSON, D. M., Breeder of Champion Duroc-Jersey Swine, ALTUS, OKLA.
- ROSS FRUIT FARM, Strawberries, Blackberries and Dewberries, DURANT, OKLA.
- SMYERS, C. W., Breeder of Pure-Bred Shorthorn Cattle, WHEATLAND, OKLA.
- TROTTER, JOHN A., Breeder of Pure-Bred Shorthorn Cattle, MANGUM, OKLA.

OKLAHOMA.

- AKIN, LEE A., Breeder of Pure-Bred Shorthorn Cattle, WATONGA, OKLA.

WIRICK, J. E., Breeder of Pure-Bred Shorthorn Cattle, CLEO, OKLA.
YODER, W. W., Breeder of Pure-Bred Shorthorn Cattle, BLANCHARD, OKLA.
YOUNG, W. G., Breeder of Duroc-Jersey Swine, R. 2, CANUTE, OKLA.
ZACHARY, W. T., Breeder of Pure-Bred Shorthorn Cattle, MARLOW, OKLA.
ZALONDEK, J. A., Breeder of Pure-Bred Shorthorn Cattle, HILLSDALE, OKLA.
ZELLNER, JOHN A., Breeder of Pure-Bred Poland-Chinas, ARDMORE, OKLA.

OREGON.

ALLEN, JESSE, Breeder of Pure-Bred Shorthorn Cattle, WALLOWA, OREGON.
BARNETT, E. E., Breeder of Pure-Bred Poland-Chinas, PARK PLACE, OREGON.
BARTON, RALPH A., Breeder of Pure-Bred Shorthorns, FRUITA, OREGON.
BLEVANS, S. A., Breeder of Pure-Bred Shorthorn Cattle, JOSEPH, OREGON.
BOYCE, R. E., Breeder of Shorthorn Cattle, BAKER, OREGON.
BOYD, DANIEL, Breeder of Pure-Bred Shorthorn Cattle, ENTERPRISE, OREGON.
BROWN, FRANK, Breeder of Pure-Bred Shorthorn Cattle, CARLTON, OREGON.
BROWN, RANDOLPH, Pure-Bred Ayrshires, R. 3, JUNCTION CITY, OREGON.
BRUGGER, THEO., Brown Swiss Stock Farm, R. R. 3, GRESHAM, OREGON.
BURT, G. W., White Leghorn Baby Chicks, ROSEBURG, OREGON.
CARMICHAEL, THOS., Pure-Bred Holstein Cattle, GASTON, OREGON.
CARY, ED., Pure-Bred Jersey Cattle, CARLTON, OREGON.
CLARK, W. H., Breeder of Pure-Bred Shorthorn Cattle, LENA, OREGON.
CONLEY, ARCHIE, Pure-Bred Chester White Swine, COVE, OREGON.
CRAFT, W. A., Breeder of Pure-Bred Poland-Chinas, SHERIDAN, OREGON.
CUMMINGS, W. O., Breeder of Pure-Bred Shorthorn Cattle, MT. VERNON, OREGON.
DICKSON, J. M., & SON, Ashburn Farm Jerseys, SHEDD, OREGON.
DOERFLER, F. A., Mellow Lawn Jerseys, SILVERTON, OREGON.
EASTERN OREGON JACK FARM, B. F. Swagart, Prop., LEXINGTON, OREGON.
FOX, RAY J., Breeder of Pure-Bred Poland-China Swine, LYONS, OREGON.
FRUITTS, J. M., Breeder of Hampshire Swine, ENTERPRISE, OREGON.
GRANT, U. S., Breeder of Registered Angoras, DALLAS, OREGON.
GREEN, W. E., Breeder of Pure-Bred Shorthorn Cattle, UNION, OREGON.
HARRISON, J. C., Breeder of Pure-Bred Poland-China Swine, SHEDDS, OREGON.
HUBBARD, J. G. S., & SONS, Hampshire, Southdown and Lincoln Sheep, MONROE, OREGON.
HULBERT, RILEY E., Breeder of Jersey Cattle, ALBANY, OREGON.
HUNTER, A. R., Hunter Ranch Percherons, ISLAND CITY, OREGON.
JOHNSON, ERNEST, Pure-Bred Holstein Cattle, SCAPPOOSE, OREGON.
LADD FARM, Breeder of Jersey Cattle, OSWEGO, OREGON.
Mann, J. M. Milch Goats, Portland, Oregon.
MCARTHUR & STAUFF, Ashwood Farm Jerseys, RICKREALL, OREGON.
METZ—S. METZ & SONS, Percheron, Belgian and Shire Stallions and Mammoth Kentucky Jacks, PENDETTON, OREGON.
MIDDLEDALE FARMS GUERNSEYS, May Rose Breeding, GOSHEN, OREGON.
MORROW, W. O., A. J. C. C. Jersey Cattle, INDEPENDENCE, OREGON.
MOUNTAIN BROOK POULTRY FARM, Mr. and Mrs. W. A. Newton, MYRTLE CREEK, OREGON.
NEEDHAM, FRANK, Breeder of Poland-China Swine, EUGENE, OREGON.

NEUENSCHWANDER, WM., Pure-Bred Yorkshire Swine, GASTON, OREGON.
PICKARD BROS., Golden Glow Jerseys, MARION, OREGON.
PIERCE, F. A., Breeder of Angora Goats, ISOLATE, OREGON.
POLLMAN, WM., Stock and Grain Farmer, P. O. Box 276, BAKER, OREGON.
RHOTEN FARM, Vetch, Clover, Timothy, SALEM, OREGON.
RIDDELL—WM. RIDDELL, JR., Romney Cattle, MONMOUTH, OREGON.
SCHOEEL, ED., Blue Ribbon Chester White Swine, SUVER, OREGON.
SENDERS, M., & CO., Red and Alsike Clover, ALBANY, OREGON.
SMITH, "THE CALF MAN," Dairy Calves a specialty, TILLAMOOK, OREGON.
SITTON, MRS. E. D., Mammoth White Holland Turkeys, CARLTON, OREGON.
STARK, C. A., Barred Plymouth Rocks, Box 242, SUTHERLIN, OREGON.
STUMP—J. B. STUMP & SON, Jersey Cattle, MONMOUTH, ORE.
STUMP, JNO. B., Angora Goat Breeder, MONMOUTH, OREGON.
WERNER, ERNEST, Breeder of Record Holsteins, AURORA, OREGON.
WESTERNWOLD RANCH, Pure-Bred Holstein Cattle, PRINEVILLE, OREGON.
WILLARD, HERBERT, Pure-Bred Poland-China Swine, DAYTON, OREGON.
WOOD, EARL, Pure-Bred Berkshire Swine, SILVERTON, OREGON.
Zyesett, S. F., Angoras, Thomas, Oregon.

PENNSYLVANIA.

AKELEY, FRANK, Breeder of Pure-Bred Shorthorn Cattle, RUSSELL, PA.
ALBRO, B. C., Breeder of Pure-Bred Shorthorn Cattle, COLUMBUS, PA.
ANDREWS, WM. H., Breeder of Pure-Bred Shorthorns, CONNEAUT LAKE, PA.
ARCADIA FARM, Chester White Swine and Collie Dogs, BALLY, PA.
BAYARD BROS., Breeders of Aberdeen-Angus Cattle, WAYNESBURG, PA.
BONNYMEAD'S FARM, Holstein and Guernsey Cattle, R. 1, HARRISBURG, PA.
CAMPBELL, C. G., Breeder of Pure-Bred Shorthorn Cattle, NEW SHEFFIELD, PA.
CARTER, C. H., Whitguern Farm, Big-Type Berkshires, WEST CHESTER, PA.
Crestmont Farm, Ayrshires, Sunbury, Pa.
DAVIDSON FARM, Breeder of Pure-Bred Jersey Cattle, R. 3, TARENTUM, PA.
DELCHESER FARMS (Thos. W. Clark, Manager), Advanced Registry Jersey Cattle, EDMONT, PA.
GARRETT, C. W., Breeder of Pure-Bred Poland-China Swine, NEW HOPE, PA.
GRAHAM, WM. B., Breeder of Pure-Bred Shorthorn Cattle, BOLIVAR, PA.
HAMILTON, P. F., Poland-Chinas, Berkshires, Chesters and Poultry, COCHRANVILLE, PA.
HARRINGTON, JOHN R., Breeder of Pure-Bred Shorthorn Cattle, ALBION, PA.
HERMAN, H. LEE, Breeder of Pure-Bred Shorthorn Cattle, LEWISBURG, PA.
LIMBERT, H. S., Breeder of Registered Shorthorn Cattle, CENTRE HALL, PA.
May, L. D., Shorthorns, Granville Center, Pa.
MELOY, REESE, Breeder of Registered Berkshires, WEST ALEXANDER, PA.
MUNCE, R. L., Breeder of Pure Chester White Swine, CANONSBURG, PA.
MYERS, B. F., Breeder of Pure-Bred Holstein Cattle, CHAMBERSBURG, PA.
OTTO, I. V., Pure-bred Holstein Cattle, CARLISLE, PA.
Penshurst Farm, Ayrshires, Narberth, Pa.
RICE, J. W., Pure-Bred and Grade Guernsey Cattle, HARMONSBURG, PA.
RISHEL, W. F., Pure-Bred Berkshire Swine, CENTRE HALL, PA.
SHENANGO RIVER FARMS, Breeder of Duroc-Jerseys, FREDONIA, PA.

STEWART, F., Breeder of Shetlands and Larger Ponies, ESPYVILLE, PA.
 TAGGERT, C. L., Breeder of Aberdeen-Angus Cattle, R. 9, WASHINGTON, PA.
 WALTER, EDWARD, Breeder of Registered Jersey Cattle, WEST CHESTER, PA.
 WHISLER, ELMER D., Chester Whites and Hampshire Sheep, NEWVILLE, PA.
 Zell, J. M., Shorthorns, Conshohocken, Pa.

RHODE ISLAND.

BALLOU, F. S., Breeder of Pure-Bred Shropshire Sheep, SLATERSVILLE, R. I.
 NORMAN, REGINALD, Breeder of Pure-Bred Dutch Belted Cattle, NEWPORT, R. I.
 PERRY, HENRY W., Breeder of Pure-Bred Ayrshire Cattle, WAKEFIELD, R. I.
 SUNDERLAND, W. L., Breeder of Registered Ayrshire Cattle, EXETER, R. I.
 VANDERBILT, REGINALD C., Breeder of Hackneys, SOUTH PORTSMOUTH, R. I.

SOUTH CAROLINA.

ATCHISON, J. H., Pure-Bred Poland-Chinas, Box 44, R. R. 1, CHAPPELLS, S. C.
 BARR, H. C., Breeder of Pure-Bred Poland-China Swine, SPRINGFIELD, S. C.
 BREEDEN, J. O., Breeder of Pure-Bred Berkshire Swine, BENNETTSVILLE, S. C.
 BUCKFIELD STOCK FARM, J. E. Clancy, Mgr., Angus Cattle, YEMASSEE, S. C.
 BURGESS, O. M., Breeder of Pure-Bred Poland-Chinas, HICKORY GROVE, S. C.
 COPELAND, A. W., Breeder of Pure-Bred Poland-China Swine, PENDLETON, S. C.
 CROSS ROAD STOCK FARM, A. R. Kohn, Prop., Poland-Chinas, PROSPERITY, S. C.
 DUKES, MARION, Breeder of Pure-Bred Poland-China Swine, ROWESVILLE, S. C.
 DUTCH FORK TRUCK FARM, Large English Tamworths, COLUMBIA, S. C.
 ENTERPRISE COMPANY, INC., Frost Proof Cabbage Plants, SUMTER, S. C.
 HAMPSHIRE HOG FARM, Pure-Bred Hampshire Swine, PROSPERITY, S. C.
 HERRIN, R. L., Breeder of Pure-Bred Poland-China Swine, BISHOPVILLE, S. C.
 HUMPHREISE, J. L., Breeder of Pure-Bred Poland-China Swine, MAYO, S. C.
 KELLETT, J. P., Breeder of Pure-Bred Collie Pups, FOUNTAIN INN, S. C.
 McKEOWN, A. MAYO, Breeder of Pure-Bred Poland-China Swine, CORNWELL, S. C.
 MIDDLETON FARMS, Breeder of Pure-Bred Berkshire Swine, CLARKS HILL, S. C.
 PALMER, B. R. T., Big-Type Poland-China Hogs, R. F. D. 1, McCORMICK, S. C.
 RIDGEVIEW HOLSTEIN - FRIESIAN FARM, J. F. Palmer, Prop., Breeder of Registered Holstein-Friesian Cattle, R. F. D. 1, McCORMICK, S. C.
 RIDGEWOOD FARM, H. D. Jordan, Prop., Holsteins, RIDGE SPRING, S. C.
 SPRING FIELDS FARM, H. Bigelow, Prop., Breeders of Duroc-Jersey Swine, NORTH CHARLESTON, S. C.
 TAYLOR PLANTATION, Breeder of Jersey Cattle of the Best Blood, COLUMBIA, S. C.

SOUTH DAKOTA.

ANDERSON, C. M., Pure-Bred Duroc-Jersey Swine, CONDE, S. D.
 APPLEBY, H. E., Registered Holstein Bulls, ETHAN, S. D.
 ARCADIA FARM (Barron Bros.), Clydesdale Horses, ELKTON, S. D.
 BARBER, E. C., Big-Type Poland-China Hogs, ALPENA, S. D.
 BARKLEY, GEO. E., Queen City Duroc-Jerseys, SIOUX FALLS, S. D.
 BARTELS, C. H., "Prairie View" Duroc-Jerseys, MINA, S. D.
 BARTH, PETER, Breeder of Holstein Cattle, MITCHELL, S. D.
 BATES, A. K., Breeder of Big Duroc-Jerseys, LETCHER, S. D.

BATES, C. B., Pure-Bred Poland-China Swine, LETCHER, S. D.
 BATES, CHAS. F., Pure-Bred Poland-China Swine, LETCHER, S. D.
 BATES, O. A., Pure-Bred Berkshire Hogs, LETCHER, S. D.
 BATES, S. W., Pure-Bred Duroc-Jerseys, LETCHER, S. D.
 BELLE PLAIN YORKSHIRE (SWINE) FARM (W. B. Lawrence & Son), DELAND, S. D.
 BRUNNER, F. J., Big-Type Poland-China Swine, HURLEY, S. D.
 CHESKEY, CHAS. E., Blue Ribbon (Hereford) Stock Farm, SELBY, S. D.
 CLARK, GEO. E., Aberdeen-Angus Cattle, WORTHING, S. D.
 CLOVER VIEW FARM (M. P. Bates, Prop.), Breeders of Chester White Hogs and Hereford Cattle, R. 3, LETCHER, S. D.
 CRANE, VANCE, Pure-Bred Hereford Cattle, DE SMET, S. D.
 DAGGETT, L. E., Pure-Bred Poland-China Swine, MT. VERNON, S. D.
 DEXHEIMER, C. P., Sunnyside Stock Farm, Duroc-Jerseys, SPENCER, S. D.
 DILWORTH, FRANK J., Pure-Bred Hampshire Swine, SPENCER, S. D.
 DRALLE, FRED, River Bank Stock Farm, Poland-Chinas, MISSION HILL, S. D.
 DUNMIRE, J. M., SONS, Pure-Bred Percherons, SCOTLAND, S. D.
 EAGLE, W. S., & SON, Clover Croft Hereford Cattle, WESSINGTON SPRINGS, S. D.
 EDELMAN & SONS, Pure-Bred Shorthorn Cattle, MENNO, S. D.
 ERION, H. H., Golden Rock Duroc-Jerseys, ROCKHAM, S. D.
 ERION, J. M., Breeder of Chester White Swine, MITCHELL, S. D.
 ESTABROOK, L. A., Breeder of Pure-Bred Percherons, Shorthorns and Poland-Chinas, CUTHBERT, S. D.
 EXCELSIOR STOCK FARM (A. G. Robish & Sons), Herefords and Polands, HAZEL, S. D.
 FORD HORSE IMPORTING CO., Percherons and Belgians, PARKER, S. D.
 GALE RIDGE STOCK FARM, A. A. Duncan, Prop., Poland-Chinas, EGAN, S. D.
 GILBERTSON, E. O., Red Polled Cattle and Duroc-Jerseys, IRENE, S. D.
 GILLILAND BROS., Grand View Hereford Cattle, YANKTON, S. D.
 GINSBACH, FRANK, Hereford Cattle and Duroc Swine, DELL RAPIDS, S. D.
 GLENN, JOHN, & SON, Golden Willow Poland-China Swine, CANISTOTA, S. D.
 GRAVES, C. E., "Spruceclawn" Duroc-Jerseys, FULTON, S. D.
 GROTH, H. E., Aberdeen-Angus Cattle, FAIRVIEW, S. D.
 HILL, W. S., Pure-bred Red Polled Cattle, ALEXANDRIA, S. D.
 HILMOE, JOHN, "Pioneer Hill" Poland-Chinas, R. 4, COLMAN, S. D.
 HOMMERSAND, M. A., Pure-Bred Percheron Horses, ARLINGTON, S. D.
 IVERSON BROS., Salesmen Pure-Bred Stock, Box 17, SIOUX FALLS, S. D.
 JACKSON & WHITE, Urbandale Shorthorns, HURLEY, S. D.
 JACOBUS, L. B., Hereford Cattle and Duroc Swine, LETCHER, S. D.
 KENWARD, P. O., Shorthorns and Poland-Chinas, BROOKINGS, S. D.
 KIRCHENMAN, T. H., Breeder of Big-Type Poland-Chinas, FREEMAN, S. D.
 KNUTSON, COL. HENRY, Live Stock and Real Estate Auctioneer, WAKONDA, S. D.
 KREGER, MRS. CHAS., XL Hereford (Breeding) Ranch, WAKERTOWN, S. D.
 LANGLEY, S. R., Pure-bred Shropshire Sheep, WITTEN, S. D.
 LARSON, JACOB, Breeder of Improved Duroc-Jersey Swine, ETHAN, S. D.
 LARSON, O. S., Big-Type Poland-Chinas, MT. VERNON, S. D.

LIEN BROS., Duroc Jerseys and Short-horns,
PLATTE, S. D.
LINDBERG, A. V., Breeders of Duroc-Jerseys, R. 1,
LANGFORD, S. D.
LUND, J. N. P., Breeder of Duroc-Jersey Swine,
GAYVILLE, S. D.
McPHERSON, R. B., Pure-Bred Hereford (Anxiety) Cattle,
STURGIS, S. D.
MAGNESS BROS., Auctioneers Pure-Bred Live Stock,
ST. LAWRENCE, S. D.
MAGNESS, DICK, Pure-Bred Live Stock Auctioneer,
DE SMET, S. D.
MANDEVILLE, M. M., Oakdale Aberdeen-Angus Cattle,
AURORA, S. D.
MATSON, W. L., Breeder of Duroc-Jersey Swine,
VERMILLION, S. D.
METTLER, ANDREW J., Clover Leaf Hereford Cattle,
MENNO, S. D.
NASH, HUGH B., Pure-Bred Duroc-Jersey Swine,
REDFIELD, S. D.
NELSON, CHRIS. T., Duroc-Jersey Swine, R. 2,
VERMILLION, S. D.
NIMS, F. L., Breeder of Riverside Duroc-Jersey Swine,
CANTON, S. D.
PENALUNA, J. S., & SON, Angus Cattle and Duroc Swine,
LETCHER, S. D.
PETTIGREW, CHARLES E., & SON, Polled and Horned Herefords,
FLANDREAU, S. D.
PINARD, L. A., Pure-Bred Hereford Cattle,
WESSINGTON SPRINGS, S. D.
PLAINVIEW STOCK FARM (Fargo & Myers, Props.), Mule-Foot Hogs,
REDFIELD, S. D.
PONTO, F. W., Big-Type Poland-Chinas, BROOKINGS, S. D.
POST, F., Breeder of Duroc-Jerseys, South Minn. Ave.,
SIOUX FALLS, S. D.
RAYMOND, C. F., Pure-Bred Hereford Cattle,
MITCHELL, S. D.
REZAC, JOS. J., Pure-Bred Hereford Cattle,
TABOR, S. D.
RICK, A. H., Pure-Bred Poland-China Hogs,
PLANKINGTON, S. D.
RIGGS IRRIGATION CO., Pure-Bred Hereford Cattle, OAHE (HUGHES CO.), S. D.
RIVERSIDE STOCK FARM (R. J. Weiland), Percheron Horses, Shorthorn and Polled Durham Cattle and Duroc-Jersey Hogs,
CANISTOTA, S. D.
RIVER VIEW STOCK FARM, Pure-Bred Holstein Cattle,
HUDSON, S. D.
ROHWEDER & DAHL, Lakewood Farm Belgian Horses,
GOODWIN, S. D.
RUSKELT, L. E., Pure-Bred Duroc-Jerseys,
ROCKHAM, S. D.
RYAN, F. L., Pure-Bred Poland-Chinas, PLANKINTON, S. D.
SAND ELM STOCK FARM, Pure-Bred Holstein Cattle,
MITCHELL, S. D.
SANDO BROS., Paramount Stock Farm, Breeders of Pure-Bred Shorthorn Cattle and Duroc-Jersey Swine,
COLTON, S. D.
SANDO, W. W., Live Stock Auctioneer,
COLTON, S. D.
SECHSER STOCK FARM, J. M. Sechser, Mgr., Duroc-Jerseys, SIOUX FALLS, S. D.
SHANKS, W. G., Cloverdale Hereford Farm,
LAKE PRESTON, S. D.
SHAW, GEO. M., Live Stock Auctioneer, CASTLEWOOD, S. D.
SIMANTEL, GEO. JR., Pure-Bred Hereford Cattle,
SCOTLAND, S. D.
SMITH, JOHN F., Breeder of Poland-China Swine, R. 3, FLANDREAU, S. D.
SNIDER, A. L., Breeder of Chester White Swine,
LETCHER, S. D.
SOLE, O. O., Pure-Bred Duroc-Jersey Swine,
VOLIN, S. D.
SPLOSKOWSKI, CHAS., Pure-Bred Holstein Cattle,
MARION, S. D.
STREETER, W. S., Pure-Bred Hereford Cattle,
GROTON, S. D.
STUNES, CHAS., Pure-Bred Duroc-Jerseys, LETCHER, S. D.
TEST, A. F., Pure-Bred Holstein Cattle, MITCHELL, SOUTH DAKOTA.
THOMPSON, A. C., Chester Whites and Shorthorns,
HETLAND, S. D.

TIMM, H. G., Pure-Bred Aberdeen-Angus Cattle,
WAGNER, S. D.
TRIPP, J. M., Live Stock Auctioneer, RAMONA, S. D.
TURNOVEC, JAMES, Jackson Dale Farm Duroc-Jerseys,
GEDDES, S. D.
TYLER, A. B., Breeder of Pure-Bred Cattle,
DRAPEL, S. D.
UFFORD, W. A., & SONS, Wayside Farm Chester White Swine, VERMILLION, S. D.
UKEN, JULIUS, Breeder of Duroc-Jersey Swine,
SPRINGFIELD, S. D.
VESSEY, ALEX., Hereford Cattle and Duroc-Jersey Hogs,
TRIPP, S. D.
WARRINER, HOWARD, Pure-bred Chester White Swine,
BRUCE, S. D.
WEBB, R. W., Breeder of Sunnyside Holstein Cattle,
ABERDEEN, S. D.
WEELDREYER, H. A., Breeder of Big-Type Poland-Chinas,
EMERY, S. D.
WEERT WEERTS & SON, Pure-Bred Poland-Chinas,
BANCROFT, S. D.
WENDLING, C. R., & SON, Imperial Stock Farm Duroc-Jerseys,
HAZEL, S. D.
WESTERN SOUTH DAKOTA STOCK GROWERS' ASSOCIATION, F. M. Stewart, Secretary,
BUFFALO GAP, S. D.
WICKRE, H. O., & SONS, Herefords and Duroc-Jerseys,
WEBSTER, S. D.
WILLIAMS BROS., Fairview Farm Duroc-Jerseys, R. 3, LAKE PRESTON, S. D.
WILSON, H. A., Duroc-Jersey Swine,
SPENCER, S. D.
WOITTE, BERY, Pure-Bred Berkshire Swine,
MILBANK, S. D.
WOOLF-CROMER CATTLE COMPANY, Hereford Cattle,
ABERDEEN, S. D.
ZOLLMAN, P. A., Dakota Farm Duroc-Jerseys and Holsteins. MITCHELL, S. D.

TENNESSEE.

AMES PLANTATION, Aberdeen - Angus Cattle,
GRAND JUNCTION, TENN.
ANDREWS, J. W., Breeder of Pure-Bred Shorthorn Cattle,
MARTHA, TENN.
BEE DEE EGG FARM, Breeders of S. C. White Leghorns, CHATTANOOGA, TENN.
BROWN, A. L., Breeder of Pure-Bred Shorthorn Cattle,
WOODBURG, TENN.
BURNS, L. L., Breeder of Pure-Bred Shorthorn Cattle,
MARTHA, TENN.
CARPENTER, W. H., & SONS, Pure-Bred Berkshire Swine, BRUSH CREEK, TENN.
CARSON, C. B., Breeder of Pure-Bred Shorthorn Cattle, LIMESTONE, TENN.
Davidson, H. C., Angoras, Eldridge, Tenn.
ELEAZER, GEO., Pure-Bred Shorthorn Cattle,
DICKSON, TENN.
ELM LEAF FARMS (J. B. White, Prop.), Poland-China Swine, WHITE PINE, TENN.
GETTYS, W., Breeder and Importer of Jersey Cattle,
ATHENS, TENN.
GREEN, L. B., Breeder of Pure-Bred Shorthorn Cattle, WINCHESTER, TENN.
JOHNSON, ASHLEY S., Breeder of Holsteins, KIMBERLIN HEIGHTS, TENN.
LESPEDEZA FARM, R. H. Scott, Manager, Breeders of Shorthorn Cattle, HICKORY VALLEY, TENN.
McKEE, ALEX., Breeder of Pure-Bred Shorthorn Cattle,
LASCASSIS, TENN.
MARKS & DAVIS, Breeders of Real, Big-Type Poland-Chinas, BUNTIN, TENN.
MOSS, T. J., Big-Type Poland-China Pigs, SELMER, TENN.
Smith, Chas. M5., Shorthorns, Rogersville, Tenn.
SPRING VALLEY DUROC FARMS (C. C. Berry, Manager), SPRINGFIELD, TENN.
VIDMAR FARM, Breeder of Pure-bred Shorthorn Cattle, FOREST HILL, TENN.
WARD, A. B., Mammoth Bronze Turkeys, R. 11, Box 8, LEBANON, TENN.
WENONAH FARMS (B. P. Evans, Mgr.), Aberdeen-Angus Cattle, Shropshire Sheep and Hampshire Hogs, SHELBYVILLE, TENN.

TEXAS.

ALBRIGHT, ALEX, Breeder of Karakule Karalines Sheep, DUNDEE, TEXAS.
 ANDREWS, W. R., Breeder of Pure-Bred Poland-China Swine, CHILDRESS, TEXAS.
 ANSON, WM., Breeder of Quarter Horse Stallions, SAN ANGELO, TEXAS.
 BAILEY, W. A., Breeder of Pure-Bred Poland-Chinas, WEATHERFORD, TEXAS.
 BALL, FRED S., Auctioneer, Live Stock and Farm Sales, EL RENO, TEXAS.
 BARBER, C. R., Anxiety, 4th, Line-Bred Hereford Cattle, HEREFORD, TEXAS.
 BARRETT & DUNN, Breeders of Poland-China Swine, NORMANGEE, TEXAS.
 BARRY, KOSS., Breeder of Aberdeen-Angus Cattle, MERIDIAN, TEXAS.
 BECK, F., Breeder of Delaine Merino Sheep, COLEMAN, TEXAS.
 BEEVER, GEO. H., Polled Durham and Shorthorn Cattle, PEARSALL, TEXAS.
 BISHOP, W. A., Breeder of Pure-Bred Shorthorn Cattle, KAUFMAN, TEXAS.
 BLAKEY, W. H., Pure-Bred Duroc-Jersey Swine, SEALY, TEXAS.
 BOBBITT, J. A., Plum Hill Jersey Cattle, HILLSBORO, TEXAS.
 BODEMANN, G., Early Mebane Triumph Cotton Seed, LOCKHART, TEXAS.
 BOERNER & PENNEY, Breeders of Duroc-Jersey Swine, LUBBOCK, TEXAS.
 BOOG-SCOTT, J. E., Breeder of Pure-Bred Hereford Cattle, COLEMAN, TEXAS.
 BRADSHAW, D. H., Breeder of Pure-Bred Shorthorn Cattle, BRADSHAW, TEXAS.
 BRANNAN, J. N., Breeder of Pure-Bred Shorthorn Cattle, SANCO, TEXAS.
 BRIDGE, L. S., Farmer-Stockman, R. R. No. 2, QUANA, TEXAS.
 BROOKE, J. A., Breeder of Pure-Bred Shorthorn Cattle, FALFURRIAS, TEXAS.
 BROOME, FARR & LEE, Pure-Bred Hereford Cattle, SAN ANGELO, TEXAS.
 BROTHERTON, L. S., & SON, Shorthorn Cattle, R. 2, Station A, DALLAS, TEXAS.
 BROWN, F. A., Breeder of Aberdeen-Angus Cattle, HONDO, TEXAS.
 BROWN, LOUIA B., Breeder of Pure-Bred Shorthorn Cattle, SMITHFIELD, TEXAS.
 BURGESS, JOHN, Breeder of Pure-Bred Shorthorn Cattle, FORT WORTH, TEXAS.
 BURNHAM, H. S., Breeder of Pure-Bred Shorthorn Cattle, FARWELL, TEXAS.
 CALLOWAY, M., & SON, Breeders of Shorthorn Cattle, FORT WORTH, TEXAS.
 CAMPBELL, J. M., Breeder of Pure-Bred Shorthorn Cattle, RICHARDSON, TEXAS.
 CARR, R. N., Duroc-Jersey Swine, 812 North Beckley, DALLAS, TEXAS.
 CARTER, JOHN W., Breeder of Pure-Bred Hereford Cattle, JERMYN, TEXAS.
 CAUSEY, C. W., Breeder of Pure-Bred Poland-China Swine, BARDWELL, TEXAS.
 CHARBONNEAU, WM., Texas-Raised Percherons, R. 2, FORT WORTH, TEXAS.
 CHITWOOD, JOHN O., Breeder of Pure-Bred Shorthorn Cattle, HASKELL, TEXAS.
 CLIFT, F. N., Breeder of Pure-Bred Shorthorn Cattle, PLAINVIEW, TEXAS.
 COLBERT, R. V., & SON, Pure-Bred Cattle, STAMFORD, TEXAS.
 COFFMAN, J. F., Pure-Bred Poland-China Swine, R. 1, FARMERSVILLE, TEXAS.
 COLBERT, R. V., & SON, Breeders of Hereford Cattle, STAMFORD, TEXAS.
 COLEMAN, R. F., Pure-Bred Poland-China Hogs, CAMERON, TEXAS.
 COLEMAN-FULTON PASTURE CO., Breeders of Shorthorns, GREGORY, TEXAS.
 CONNOR, JOHN M., Sunny Brook Farm, Duroc-Jerseys, WACO, TEXAS.
 COWDEN, G. F., & SON, Breeders of Aberdeen-Angus Cattle, MIDLAND, TEXAS.
 COX—R. M. Cox & Son, Breeders of Aberdeen-Angus Cattle, WACO, TEXAS.
 CRAWFORD, HOWARD, Breeder of Pure-Bred Poland-Chinas, GOODNIGHT, TEXAS.

CRESSWELL, GERARD O., Breeder of Aberdeen-Angus Cattle, OPLIN, TEXAS.
 CREWS BROS., Pure-Bred Hereford Cattle, CHILDRESS, TEXAS.
 CRITES, E. B., Breeder of Shorthorn Cattle, GRANBURY, TEXAS.
 DAVIS, BOB, Registered Angora Goats, RIO FRIO, TEX.
 DAY, J. F., Breeder of Pure-Bred Shorthorn Cattle, RHOME, TEXAS.
 DAY, J. T., Breeder of Pure-Bred Shorthorn Cattle, RHOME, TEXAS.
 DOLE, W. S., Breeder of Registered Shorthorn Cattle, LAGUNA, TEXAS.
 DONALD, D. S., Breeder of Pure-Bred Shorthorn Cattle, KRUM, TEXAS.
 DONALD, R. L., Breeder of Pure-Bred Shorthorn Cattle, LEWISVILLE, TEXAS.
 EDMONDSON, NAT., Big-Type Poland-China Swine, BONHAM, TEXAS.
 EUBANK, W. H., Pure-Bred Poland-China Swine, MAUD, TEXAS.
 FERGUSON, GOVERNOR JAMES E., Aberdeen-Angus Cattle, TEMPLE, TEXAS.
 FIDLER, D. W., Breeder of Pure-Bred Shorthorn Cattle, CRESSON, TEXAS.
 FLOWERDALE FARM, Drs. Flowers, Props., Tamworth and Hampshire Swine, DALLAS, TEXAS.
 FORTENBERRY, H. J., Breeder of Duroc-Jersey Swine, LONE OAK, TEXAS.
 FRENCH, L. M., Registered Poland-Chinas, R. 1, COMO, TEXAS.
 FROST, WM., Breeder of Duroc-Jersey Swine, MINERAL WELLS, TEXAS.
 GAINES & SLAUGHTER, Breeders of Poland-China Swine, SAN JUAN, TEXAS.
 GAMMON, J. T. S., Breeder of Shorthorn Cattle, KERRVILLE, TEXAS.
 GATES, THOMAS, Pure-Bred Poland-China Swine, SAN MARCOS, TEXAS.
 GILES, ALFRED, Breeder of Aberdeen-Angus Cattle, SAN ANTONIO, TEXAS.
 GOODMAN VALLEY FARM, Herefords, Shropshires and Shetlands, WACO, TEXAS.
 GOODNIGHT, CHARLES, Pioneer Cattle Raiser and Buffalo Ranch, GOODNIGHT, TEX.
 GRANT, R. M., Registered Duroc-Jersey Swine, CLAIRETTE, TEXAS.
 GREEN, JOS. F., Breeder of Pure-Bred Shorthorn Cattle, GREGORY, TEXAS.
 HALFF, HENRY M., Breeder of Made-in-Texas Herefords, MIDLAND, TEXAS.
 HALL, J. T., Prize-Winning Poland-Chinas, HACIENDA, TEXAS.
 HARRISON, STUART, Breeder of Shorthorn Cattle, ARLINGTON, TEXAS.
 HENRY, J. W., Eldorado Farm Vitality Rowden Cotton, MOSHEM, TEXAS.
 HESTAND, J. C., & SON, Breeders of Duroc-Jersey Swine, SHERMAN, TEXAS.
 Higler, W. R., Angoras, Fryole, Texas.
 HILL—SAM H. HILL & SON, Aberdeen-Angus Cattle, CHRISTOVAL, TEXAS.
 HOUSTON, EDWIN, Pure-Bred Berkshire Swine, WELFARE, TEXAS.
 HOVENCAMP, J. F., & SON, Breeders of Shorthorn Cattle, FORT WORTH, TEXAS.
 HOWARD, R. L., Registered Poland-China Swine, PLANO, TEXAS.
 IKARD, W. S., Breeder of Pure-Bred Hereford Cattle, HENRIETTA, TEXAS.
 JARVIS, VAN ZANDT, Pure-Bred Shorthorn Cattle, FORT WORTH, TEXAS.
 JEFFERIES, J. D., Belgian Grade Mares and Colts, CLARENDON, TEXAS.
 JONES, JACK F., Big-Bone Poland-China Swine, DODSONVILLE, TEXAS.
 JOWELL & IVEY, Breeders of Anxiety, 4th, Herefords, HEREFORD, TEXAS.
 KEISER, C. O., Pure-Bred Hereford Cattle, CANYON, TEXAS.
 KEITH, W. J., Breeder of Pure-Bred Shorthorn Cattle, JACKSBORO, TEXAS.
 KING, G. E., Breeder of Shorthorn Cattle, TAYLOR, TEXAS.
 KLEBERG, ROBERT J., "Santa Gertrudes Jerseys," KINGSVILLE, TEXAS.

KNOX, JAMES W., Breeder of Aberdeen-Angus Cattle, JACKSBORO, TEXAS.

LAAS, C. J., Breeder of Duroc-Jersey Swine, BURTON, TEXAS.

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LEE BROS., Pure-Bred Hereford Cattle, SAN ANGELO, TEXAS.

LEWIS, L. P., Grower of Red Rust Proof Oats, ADDISON, TEXAS.

LILLARD, GEO. P., Duroc-Jerseys and Berkshires, SEGUIN, TEXAS.

LIVINGSTON, A. V., Pure-bred Merino Sheep, Delaine Type, TALPA, TEXAS.

LONE STAR HOG FARM (Pole Humphrey) Poland-Chinas, CLARKSVILLE, TEXAS.

LOONEY, B. F., & SON, Pure-Bred Jersey Cattle, COMMERCE, TEXAS.

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McLAIN, J. J., Breeder of Duroc-Jersey Swine, ANNA, TEXAS.

MALONEY, CHAS., Breeder of Pure-Bred Shorthorn Cattle, HASLET, TEXAS.

MANN, J. W., Registered Red Polled Cattle, Jacks and Jennets, Shropshire Sheep, Angora Goats and Duroc Hogs, Box 431, WACO, TEXAS.

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MILLER, J. DOSS, & SON, Pure-Bred Shorthorn Cattle, DE LEON, TEXAS.

MOORE—W. J. MOORE & SON, Registered Hereford Cattle, SAN SABA, TEXAS.

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NUTTS DUROC-JERSEY FARM, also JERSEY Cows, GRANBURY, TEXAS.

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PARKSIDE HOG FARM, Breeder of Duroc-Jersey Swine, GRANBURY, TEXAS.

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RHEA BROS. & CLINE, Breeders of Pure-Bred Shorthorn Cattle, OVALO, TEXAS.

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SMALL, E. H., Breeder of Aberdeen-Angus Cattle, SHAMROCK, TEXAS.

SMILEY, M. L., Breeder of Pure-Bred Shorthorn Cattle, BROOKSTON, TEXAS.

SMITH, W. A., Big-Type Poland-China Swine, R. 2, SHERMAN, TEXAS.

SMOOT, CHAS. H., Pure-Bred Shropshire Sheep, DENTON, TEXAS.

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SULLIVAN, ROY, Pure-Bred Poland-China Swine, LOUISE, TEXAS.

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 Reds, White Leghorns, Box 3, SOUTHWORTH, WASH.

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 WILDMAN, R. B., Breeder of Guernsey Cattle, LEESBURG, VA.
 WILLOW GROVE FARM, Breeder of Holstein Cattle, ORANGE, VA.
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 BUNN, D. C., Riverby Orchard Berkshire Swine, PROSSER, WASH.
 CANYON HOME NURSERY, Strawberry Specialists, ELLENBURG, WASH.
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 CLARK BROS., Kintyre Farm Berkshire Swine, PROSSER, WASH.
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LIVE FOR THE DAY.

(Original Poem—Copyright, 1919, by Philip H. Hale, St. Louis, Mo.)

Live for the day, this one day alone,
As though 'tis the last, and then to atone,
Live for the hour, live as you ought;
Live for the instant—the next may be naught.

Live in the light, as though death were near,
That conscience, in dying, be clear of a smear.
Live that thy end may come without grief;
Live as though dying the end be relief.

The day is the unit for action at best;
The night is disposed to reflection and rest.
See that the acts of the day leave no sore,
Or spoil the good night a bad act to deplore.

It is not enough to exist day by day,
To lazily bask in the sun's beaming ray;
But rather make record by which be it known
A milestone of goodness and one of your own.

It is well to have fear; fear as you trudge;
Fear the last words of the terrible judge.
A fear that is abject; His terrible frown
Will cause untold anguish; it may strike you down.

And why should I fear? Can He search the heart,
Divide meanness from goodness; set them apart?
Can He in refinement of method discern,
Explore and examine, arrest and intern?

The terrible judge knows bad thoughts of men;
To him has been shown all that we men ken;
The terrible judge his sentence to clench,
The terrible judge is yourself on the bench.

Live that the judge may say: "Come in and rest;
Enter the new life as one of the blest;
And all that is written of thy life about
There's much to commend and none to rub out."

Then live for the day, and when it is done,
The good deeds show brilliant as rays of the sun.
Turn backward all evil into the night;
Do deeds in the day the judge will call bright.

Some action each day should act as a sponge
On black marks so surely made in the plunge
Of an early, reckless and thoughtless career,
And when the end comes the slate will be clear.

'Tis not for the future the rhyme we compose;
"Live for the day" is the way it arose.
"Live for the day;" how simple it seems!
To insure us repose and delight in our dreams.

Beautiful song composed by Carl Zerse for male voice—alto, tenor, baritone or bass. Piano copy, 25 cents.

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